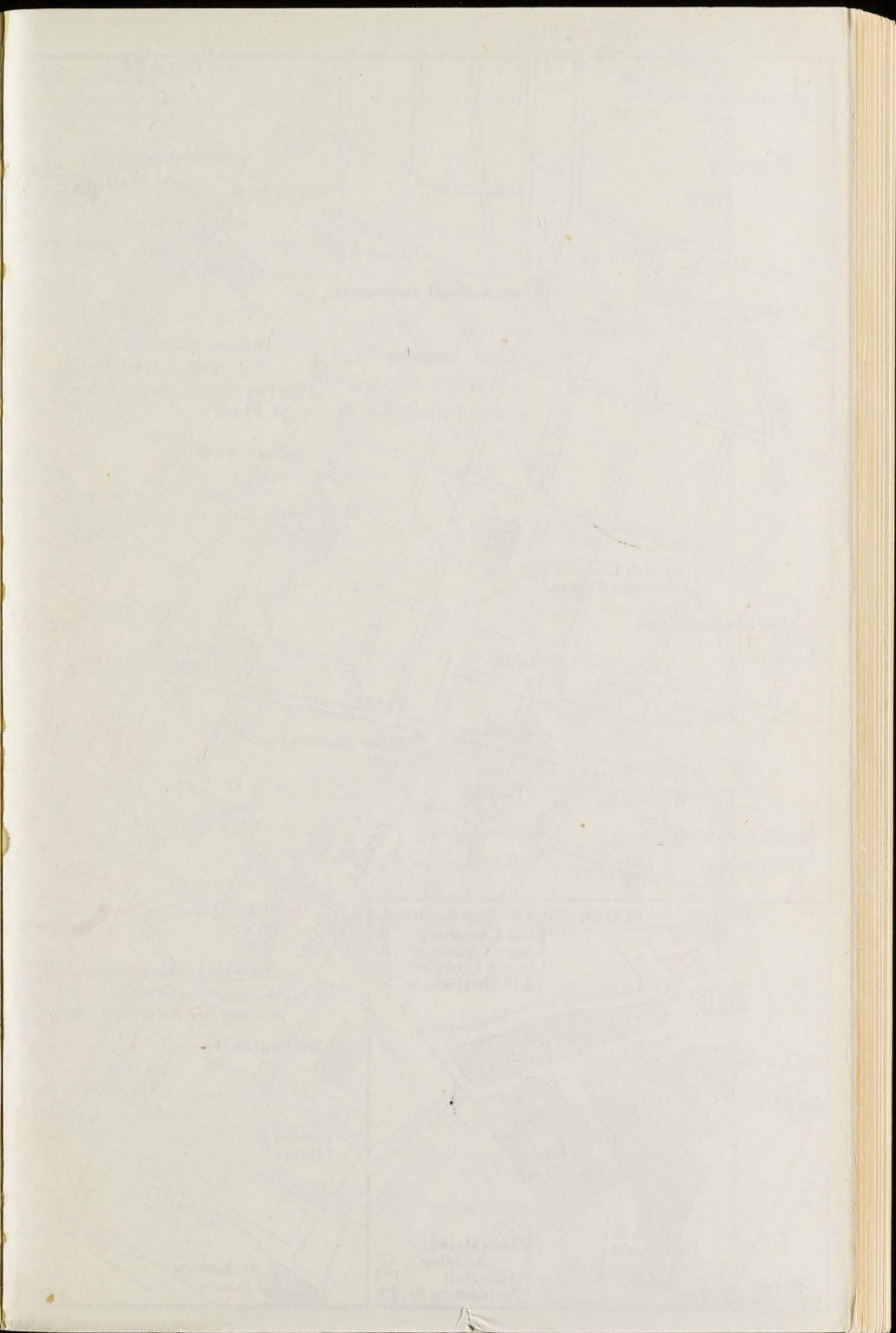


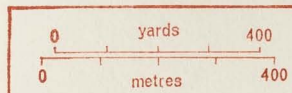
The London
School of Economics
and Political Science



Calendar 1973-74

LSE / UNREGISTERED
27/5/9





BUILDINGS OF THE SCHOOL

| | |
|---------------------|---|
| Bank Chambers | B |
| King's Chambers | K |
| Lincoln Chambers | L |
| 9 & 10 Sheffield St | M |

PS - Portico
 PH - Portico House
 C - Clare Market Building
 PH - Portico House
 PS - Portico

Clare Market Building
 Old Building
 East Building
 Connought House
 Clare Market Building
 Parish Hall
 1 Portsmouth St



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

Calendar 1973-74

- 1. Governors' Minutes
- 2. Administrative
- 3. Library Staff
- 4. Officers of the School
- 5. Report by the Director for the Year 1972-73
- 6. Academic Awards
- 7. 1973-74 Awards
- 8. Entrance
- 9. Publications by Members of the Staff
- 10. Official Reports Issued by Members of Staff
- 11. Statutes of the School

Part II

- 12. Admissions of Students
- 13. Course Regulations
- 14. General Course Details
- 15. Regulations for Students
- 16. Fees
- 17. Scholarships, Stipends and Bursaries
- 18. Prizes
- 19. Honours
- 20. First Degree Courses
- 21. Honorary Degrees by the School
- 22. Advantages and Conditions in Professional Training
- 23. Regulations for Degrees Awarded by the School
- 24. The Graduate School and Regulations for Higher Degrees
- 25. Degrees in Social Anthropology
- 26. Study of Postgraduate
- 27. Trade Union Studies Course
- 28. Regulations for the Marston Fellowship



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Calendar 1973-74

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- 531 Personnel Management
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- 553 Mathematics
- 556 Statistical Theory and Method
- 560 Applied Statistics
- 561 Computing
- 565 Operational Research

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Part I: General Information

Postal Address: Houghton Street, London, W.C.2A 2AE
 Telephone Number: 01-402 7686
 Telegrams: Policones, London, W.C.2
 Office Hours for Enquiries:
 Academy (Room H110) and The Registrar:
 Monday, Tuesday, Wednesday, Thursday, Friday: 10.30 a.m. to 12.30 p.m.
 2.0 p.m. to 4.30 p.m.
 Wednesday: 10.30 a.m. to 12.30 p.m.
 Monday to Friday: 10.30 a.m. to 4.30 p.m.
 Graduate School Office (Room H201):
 Monday, Tuesday, Thursday, Friday: 10.30 a.m. to 12.30 p.m.
 2.0 p.m. to 4.30 p.m.
 Wednesday: 10.30 a.m. to 12.30 p.m.
 Graduate Administration Office (Room H202):
 Monday to Friday: 10.30 a.m. to 4.30 p.m.
 Official Publications:
 Circulars of the School, originals from The Economist's Bookshop, Clarendon Press,
 Portico Street, London, W.C.2A 2AE.
 Annual Report by the Director on the Work of the School
 Handbook of Undergraduate Studies at the L.S.E.
 The Graduate School
 General Course Registration
 Department of Anthropology
 Department of Statistics, Computing, Demography, Mathematics and Operational
 Research
 Diploma in Social Planning in Developing Countries
 Department of Social Science and Administration
 Diploma in Personnel Management
 Language Studies at L.S.E.
 Trade Union Studies
 Graduate Studies in Politics
 Graduate Studies in Social Psychology
 All the above publications are issued free, except the Calendar of the School.

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) and *Timetabling Office* (Room H306)
Monday, Tuesday, Thursday, Friday: 10.30 a.m. to 12.30 p.m.
2.0 p.m. to 4.30 p.m.
Wednesday: 10.30 a.m. to 12.30 p.m.

Undergraduate Admissions Office (Room H301)
Monday to Friday: 2.0 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.
2.0 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: 2.0 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, £1.50 plus postage

Annual Report by the Director on the Work of the School

Handbook of Undergraduate Courses

The Graduate School

General Course Registration

Department of Anthropology

Department of Statistics, Computing, Demography, Mathematics and Operational
Research

Diploma in Social Planning in Developing Countries

Department of Social Science and Administration

Diploma in Personnel Management

Language Studies at L.S.E.

Trade Union Studies

Graduate Studies in Politics

Graduate Studies in Social Psychology

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

Dates of Terms

Session 1973-74

Michaelmas Term: Monday, 1 October to Tuesday, 11 December 1973 (Teaching
begins Wednesday, 3 October)

Lent Term: Monday, 7 January to Friday, 15 March 1974

Summer Term: Monday, 22 April to Friday, 28 June 1974

Session 1974-75

Michaelmas Term: Monday, 30 September to Tuesday, 10 December 1974 (Teaching
begins Wednesday, 2 October)

Lent Term: Monday, 6 January to Friday, 14 March 1975

Summer Term: Monday, 21 April to Friday, 27 June 1975

Calendar 1973-74

(University functions in italics)

September 1973

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

Calendar 1973-74

October 1973

| | | |
|----|----|---|
| 1 | M | School Michaelmas Term begins |
| 2 | Tu | Standing Committee, 5.45 p.m. |
| 3 | W | <i>University Michaelmas Term begins.</i> Standing Sub-Committee of the Appointments Committee, 2 p.m. Graduate School Committee, 4.30 p.m. |
| 4 | Th | |
| 5 | F | |
| 6 | S | |
| 7 | S | |
| 8 | M | Building Committee, 5 p.m. |
| 9 | Tu | Publications Committee, 10 a.m. Safety Committee, 4 p.m. |
| 10 | W | General Purposes Committee, 2 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m. <i>Higher Degrees Sub-Committee of the Board of Studies in Economics</i> , 4 p.m. |
| 11 | Th | Athletics Committee, 4 p.m. |
| 12 | F | |
| 13 | S | |
| 14 | S | |
| 15 | M | Meeting of Professors of Economics, 2 p.m. |
| 16 | Tu | |
| 17 | W | Appointments Committee, 2 p.m. Academic Policy Committee, 4.30 p.m. |
| 18 | Th | |
| 19 | F | |
| 20 | S | |
| 21 | S | |
| 22 | M | |
| 23 | Tu | Admissions Committee, 10 a.m. |
| 24 | W | Graduate School Committee, 4.30 p.m. Director's Reception for Academic Staff, 8 p.m. |
| 25 | Th | |
| 26 | F | |
| 27 | S | |
| 28 | S | |
| 29 | M | Committee on Undergraduate Studies, 4 p.m. |
| 30 | Tu | |
| 31 | W | Academic Board, 2 p.m. Library Committee, 4.30 p.m. |

November 1973

| | | |
|----|----|--|
| 1 | Th | Inaugural Lecture: Professor J. Pitt-Rivers, 5 p.m. |
| 2 | F | Committee on the Welfare of Overseas Students, 2 p.m. |
| 3 | S | |
| 4 | S | |
| 5 | M | Building Committee, 5 p.m. |
| 6 | Tu | Standing Committee, 5.45 p.m. |
| 7 | W | Standing Sub-Committee of the Appointments Committee, 2 p.m. Research Committee, 4.30 p.m. |
| 8 | Th | Accommodation Committee, 4 p.m. Director's Reception for Academic Staff, 8 p.m. |
| 9 | F | |
| 10 | S | |
| 11 | S | |
| 12 | M | Meeting of Professors of Economics, 2 p.m. Refectory Advisory Committee, 3 p.m. |
| 13 | Tu | Staff Research Fund Committee, 2 p.m. |
| 14 | W | Scholarships and Prizes Committee, 11 a.m. Conference Grants Sub-Committee, 12 noon. General Purposes Committee, 2 p.m. Academic Policy Committee, 4.30 p.m. |
| 15 | Th | Inaugural Lecture: Professor M. Morishima, 5 p.m. |
| 16 | F | |
| 17 | S | |
| 18 | S | |
| 19 | M | Student Health Service Committee, 4.15 p.m. |
| 20 | Tu | |
| 21 | W | Graduate School Committee, 4.30 p.m. |
| 22 | Th | |
| 23 | F | |
| 24 | S | |
| 25 | S | |
| 26 | M | |
| 27 | Tu | Admissions Committee, 10 a.m. |
| 28 | W | Appointments Committee, 2 p.m. Research Committee, 4.30 p.m. |
| 29 | Th | Inaugural Lecture: Professor P. S. Cohen, 5 p.m. |
| 30 | F | |

December 1973

| | | |
|----|----|--|
| 1 | S | |
| 2 | S | |
| 3 | M | Committee on Undergraduate Studies, 4 p.m. Building Committee, 5 p.m. |
| 4 | Tu | Standing Committee, 5.45 p.m. |
| 5 | W | Academic Board, 2 p.m. Board of Studies in Economics, 2.30 p.m. Higher Degrees Sub-Committee of the Board of Studies in Economics, 4 p.m. Library Committee, 4.30 p.m. |
| 6 | Th | |
| 7 | F | |
| 8 | S | |
| 9 | S | |
| 10 | M | Meeting of Professors of Economics, 2 p.m. |
| 11 | Tu | School Michaelmas Term Ends. Publications Committee, 10 a.m. Committee of Management of the Eileen Power Memorial Fund, 12 noon |
| 12 | W | University Michaelmas Term ends |
| 13 | Th | Meeting of the Court of Governors, 5 p.m. |
| 14 | F | |
| 15 | S | |
| 16 | S | |
| 17 | M | |
| 18 | Tu | |
| 19 | W | |
| 20 | Th | |
| 21 | F | School buildings close for Christmas holiday, 9.30 p.m. |
| 22 | S | |
| 23 | S | |
| 24 | M | |
| 25 | Tu | Christmas Day |
| 26 | W | Boxing Day |
| 27 | Th | |
| 28 | F | |
| 29 | S | |
| 30 | S | |
| 31 | M | School buildings re-open, 9.30 a.m. |

Calendar 1973-74

January 1974

| | | |
|----|----|---|
| 1 | Tu | |
| 2 | W | |
| 3 | Th | |
| 4 | F | |
| 5 | S | |
| 6 | S | |
| 7 | M | School Lent Term begins |
| 8 | Tu | Standing Committee, 5.45 p.m. |
| 9 | W | University Lent Term begins. General Purposes Committee, 2 p.m. Library Committee, 4.30 p.m. |
| 10 | Th | |
| 11 | F | |
| 12 | S | |
| 13 | S | |
| 14 | M | Meeting of Professors of Economics, 2 p.m. |
| 15 | Tu | Admissions Committee, 10 a.m. |
| 16 | W | Standing Sub-Committee of the Appointments Committee, 2 p.m. Board of Studies in Economics, 2.30 p.m. Higher Degrees Sub-Committee of the Board of Studies in Economics, 4 p.m. |
| 17 | Th | Safety Committee, 4 p.m. |
| 18 | F | |
| 19 | S | |
| 20 | S | |
| 21 | M | Student Health Service Committee, 4.15 p.m. |
| 22 | Tu | |
| 23 | W | Conference Grants Sub-Committee, 12 noon. Graduate School Committee, 2 p.m. Academic Policy Committee, 4.30 p.m. |
| 24 | Th | Athletics Committee, 4 p.m. |
| 25 | F | |
| 26 | S | |
| 27 | S | |
| 28 | M | Committee on Undergraduate Studies, 4 p.m. |
| 29 | Tu | |
| 30 | W | Appointments Committee, 2 p.m. |
| 31 | Th | |

Calendar 1973-74

February 1974

| | | |
|----|----|--|
| 1 | F | |
| 2 | S | |
| 3 | S | |
| 4 | M | Building Committee, 5 p.m. |
| 5 | Tu | Standing Committee, 5.45 p.m. |
| 6 | W | Academic Board, 2 p.m. Research Committee, 4.30 p.m. |
| 7 | Th | Accommodation Committee, 4 p.m. Inaugural Lecture: Professor D. J. Bartholomew, 5 p.m. |
| 8 | F | |
| 9 | S | |
| 10 | S | |
| 11 | M | Meeting of Professors of Economics, 2 p.m. |
| 12 | Tu | |
| 13 | W | Scholarships and Prizes Committee, 11 a.m. Standing Sub-Committee of the Appointments Committee, 2 p.m. General Purposes Committee, 4.30 p.m. Library Committee, 4.30 p.m. |
| 14 | Th | |
| 15 | F | Committee on the Welfare of Overseas Students, 2 p.m. |
| 16 | S | |
| 17 | S | |
| 18 | M | |
| 19 | Tu | Admissions Committee, 10 a.m. Publications Committee, 10 a.m. Investments Committee, 5 p.m. |
| 20 | W | Standing Sub-Committee of the Appointments Committee (all day) |
| 21 | Th | |
| 22 | F | |
| 23 | S | |
| 24 | S | |
| 25 | M | |
| 26 | Tu | |
| 27 | W | Graduate School Committee, 4.30 p.m. |
| 28 | Th | |

Calendar 1973-74

March 1974

| | | |
|----|----|--|
| 1 | F | |
| 2 | S | |
| 3 | S | |
| 4 | M | Staff Research Fund Committee, 2 p.m. Committee on Undergraduate Studies, 4 p.m. Building Committee, 5 p.m. |
| 5 | Tu | |
| 6 | W | Appointments Committee, 2 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m. <i>Higher Degrees Sub-Committee of the Board of Studies in Economics</i> , 4 p.m. Academic Policy Committee, 4.30 p.m. |
| 7 | Th | Athletics Committee, 4 p.m. |
| 8 | F | |
| 9 | S | |
| 10 | S | |
| 11 | M | Meeting of Professors of Economics, 2 p.m. Refectory Advisory Committee, 3 p.m. |
| 12 | Tu | Standing Committee, 5.15 p.m. Graduands' Reception, 6.30 p.m. |
| 13 | W | <i>Presentation Day</i> . Conference Grants Sub-Committee, 12 noon. Academic Board, 2 p.m. Research Committee, 4.30 p.m. |
| 14 | Th | |
| 15 | F | School Lent Term ends |
| 16 | S | |
| 17 | S | |
| 18 | M | |
| 19 | Tu | |
| 20 | W | <i>University Lent Term ends</i> |
| 21 | Th | Meeting of the Court of Governors, 5 p.m. |
| 22 | F | |
| 23 | S | |
| 24 | S | |
| 25 | M | |
| 26 | Tu | Admissions Committee, 10 a.m. |
| 27 | W | |
| 28 | Th | |
| 29 | F | |
| 30 | S | |
| 31 | S | |

Calendar 1973-74

April 1974

| | | |
|----|----|--|
| 1 | M | |
| 2 | Tu | |
| 3 | W | |
| 4 | Th | |
| 5 | F | |
| 6 | S | |
| 7 | S | |
| 8 | M | |
| 9 | Tu | |
| 10 | W | School buildings close for Easter holiday, 9.30 p.m. |
| 11 | Th | |
| 12 | F | Good Friday |
| 13 | S | |
| 14 | S | Easter Sunday |
| 15 | M | Easter Monday |
| 16 | Tu | |
| 17 | W | |
| 18 | Th | School buildings re-open, 9.30 a.m. |
| 19 | F | |
| 20 | S | |
| 21 | S | |
| 22 | M | School Summer Term begins |
| 23 | Tu | |
| 24 | W | <i>University Summer Term begins</i> . Standing Sub-Committee of the Appointments Committee, 2 p.m. Library Committee, 4.30 p.m. |
| 25 | Th | |
| 26 | F | |
| 27 | S | |
| 28 | S | |
| 29 | M | Meeting of Professors of Economics, 2 p.m. |
| 30 | Tu | |

May 1974

| | | |
|----|----|---|
| 1 | W | General Purposes Committee, 2.00 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m. <i>Higher Degrees Sub-Committee of the Board of Studies in Economics</i> , 4.00 p.m. |
| 2 | Th | Safety Committee, 4.00 p.m. |
| 3 | F | Committee on the Welfare of Overseas Students, 2.00 p.m. |
| 4 | S | |
| 5 | S | |
| 6 | M | Committee on Undergraduate Studies, 4.00 p.m. Building Committee, 5.00 p.m. |
| 7 | Tu | Standing Committee, 5.15 p.m. Graduands' Reception, 6.30 p.m. |
| 8 | W | <i>Presentation Day</i> . Scholarships and Prizes Committee, 11.00 a.m. Appointments Committee, 2.00 p.m. Research Committee, 4.30 p.m. |
| 9 | Th | Accommodation Committee, 4.00 p.m. |
| 10 | F | |
| 11 | S | |
| 12 | S | |
| 13 | M | Student Health Service Committee, 4.15 p.m. |
| 14 | Tu | Admissions Committee, 10.00 a.m. |
| 15 | W | Graduate School Committee, 4.30 p.m. |
| 16 | Th | Athletics Committee, 4.00 p.m. |
| 17 | F | |
| 18 | S | |
| 19 | S | |
| 20 | M | Meeting of Professors of Economics, 2.00 p.m. |
| 21 | Tu | |
| 22 | W | Standing Sub-Committee of the Appointments Committee, 2.00 p.m. Academic Policy Committee, 4.30 p.m. |
| 23 | Th | |
| 24 | F | |
| 25 | S | |
| 26 | S | |
| 27 | M | Spring Bank Holiday |
| 28 | Tu | Refectory Advisory Committee, 3.00 p.m. |
| 29 | W | Academic Board, 2.00 p.m. Library Committee, 4.30 p.m. |
| 30 | Th | |
| 31 | F | |

June 1974

| | | |
|----|----|---|
| 1 | S | |
| 2 | S | Whit Sunday |
| 3 | M | Building Committee, 5.00 p.m. |
| 4 | Tu | Publications Committee, 10.00 a.m. Standing Committee, 5.45 p.m. |
| 5 | W | Appointments Committee, 2.00 p.m. Research Committee, 4.30 p.m. |
| 6 | Th | |
| 7 | F | |
| 8 | S | Open Day |
| 9 | S | |
| 10 | M | |
| 11 | Tu | Investments Committee, 5.00 p.m. |
| 12 | W | Conference Grants Sub-Committee, 12.00 noon. General Purposes Committee, 2.00 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m. <i>Higher Degrees Sub-Committee of the Board of Studies in Economics</i> , 4.00 p.m. Academic Policy Committee, 4.30 p.m. |
| 13 | Th | Athletics Committee, 4.00 p.m. |
| 14 | F | |
| 15 | S | |
| 16 | S | |
| 17 | M | Meeting of Professors of Economics, 2.00 p.m. |
| 18 | Tu | |
| 19 | W | Graduate School Committee, 4.30 p.m. |
| 20 | Th | |
| 21 | F | |
| 22 | S | |
| 23 | S | |
| 24 | M | |
| 25 | Tu | |
| 26 | W | Academic Board, 2.00 p.m. |
| 27 | Th | Meeting of the Court of Governors, 5.00 p.m. |
| 28 | F | School Summer Term ends |
| 29 | S | |
| 30 | S | |

| | | |
|----|----|-------------------------------|
| 1 | M | Building Committee, 5.00 p.m. |
| 2 | Tu | Standing Committee, 5.45 p.m. |
| 3 | W | University Summer Term ends |
| 4 | Th | |
| 5 | F | |
| 6 | S | |
| | | |
| 7 | S | |
| 8 | M | |
| 9 | Tu | |
| 10 | W | |
| 11 | Th | |
| 12 | F | |
| 13 | S | |
| | | |
| 14 | S | |
| 15 | M | |
| 16 | Tu | |
| 17 | W | |
| 18 | Th | |
| 19 | F | |
| 20 | S | |
| | | |
| 21 | S | |
| 22 | M | |
| 23 | Tu | |
| 24 | W | |
| 25 | Th | |
| 26 | F | |
| 27 | S | |
| | | |
| 28 | S | |
| 29 | M | |
| 30 | Tu | |
| 31 | W | |

The Court of Governors

Chairman:

The Right Hon. Lord Robbins, C.H., C.B., B.SC.ECON., M.A., D.SC.ECON., D.LITT.,
L.H.D., LL.D., DR.LAWS, DR.UNIV.YORK, DR.R.C.A., DR.CIENC., F.B.A.

Vice-Chairman:

¹The Hon. Sir Morris Finer, LL.B.

Secretary to the Court of Governors:

The Director: Sir Walter Adams, C.M.G., O.B.E., B.A., LL.D.

W. M. Allen, B.SC.ECON., M.A.
W. C. Anderson, C.B.E., LL.B.
C. H. Barclay, F.C.A.
Mrs. June Wedgwood Benn, M.A.
R. E. Bird, C.B.E., B.SC.ECON.
Baroness Birk, B.SC.ECON., J.P.
J. O. Blair-Cunynghame, O.B.E., LL.D.,
D.SC.
²G. H. Bolsover, C.B.E., M.A., PH.D.
³G. C. Brunton, B.SC.ECON.
Sir Anthony Burney, O.B.E., B.A., F.C.A.
Sir John Burrows, LL.B., M.A.
Sir Sydney Caine, K.C.M.G., B.SC.ECON.,
LL.D.
Sir Alexander Cairncross, K.C.M.G.,
M.A., PH.D., LL.D., D.LITT., D.SC.ECON.,
F.B.A.
³W. H. B. Carey, B.SC.ECON., F.C.A.
The Hon. M. R. Bonham Carter, B.A.
Sir Paul Chambers, K.B.E., C.B., C.I.E.,
B.COM., M.SC.ECON., D.SC., LL.D.,
D.TECH.
Mrs. Susan Crosland, B.A.
⁴A. C. L. Day, B.A.
⁴B. Donoghue, M.A., D.PHIL.
Sir Eric Drake, C.B.E., M.A., D.SC.,
F.C.A.

The Right Hon. The Earl of
Drogheda, K.G., K.B.E.
Miss L. M. Dugdale, B.SC., F.I.S.
A. F. Earle, B.SC.ECON., PH.D.
Sir Ronald Edwards, K.B.E., B.COM.,
D.SC.ECON., D.SC., LL.D.
⁴Mrs. Charlotte J. Erickson, M.A., PH.D.
L. Farrer-Brown, C.B.E., B.SC.ECON.,
LL.D., D.SC.
Victor Feather, C.B.E., D.TECH.
The Right Hon. Lord Fletcher,
B.A., LL.D., F.S.A.
M. Freedman, M.A., PH.D.
¹R. J. M. Freeman, B.SC.ECON., F.C.I.S.,
J.P.
A. C. Gilmour
Miss Mary Goldring, B.A.
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Dr. K. G. Binmore
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Mr. N. H. Carrier
Professor A. S. Douglas
Professor J. Durbin
Mr. A. Fielding
Dr. H. Freedman
Mr. J. Hajnal
Dr. R. A. Holmes
Dr. M. Knott
Dr. A. H. Land
Mr. F. F. Land
Mr. C. M. Langford
Dr. R. K. Milne
Mr. C. A. O'Muircheartaigh
Mr. R. J. Paul
Dr. C. M. Phillips
Dr. D. J. Reid
Mr. J. V. Rosenhead
Dr. C. S. Smith
Mrs. K. E. Spitz
Professor A. Stuart
Dr. K. F. Wallis
Mr. S. J. Waters

Academic Officers, Conveners

Academic Officers

Director: Sir Walter Adams
Pro-Director: ———

Vice-Chairman of the Academic Board: Professor G. L. Goodwin
Chairman of the Graduate School Committee: Professor M. J. Wise
Dean of Undergraduate Studies: Mr. K. R. Minogue

Conveners of Departments for the Session 1973-74

Accounting: Professor H. C. Edey
Anthropology: Professor J. Pitt-Rivers
Economic History: Professor A. H. John
Economics: Professor A. C. L. Day
Geography: Professor M. J. Wise
Government: Professor P. J. O. Self
Industrial Relations: Professor B. C. Roberts
International History: Professor M. S. Anderson
International Relations: Professor G. L. Goodwin
Language Studies: Dr. H. Tint
Law: Professor D. H. N. Johnson (Michaelmas and Lent Terms); Professor C. Grunfeld (Summer Term)
Philosophy, Logic and Scientific Method: Professor J. W. N. Watkins
Social Psychology: Mr. W. H. N. Hotopf.
Social Science and Administration: Professor D. E. G. Plowman
Sociology: Professor P. S. Cohen
Statistics, Computing, Demography, Mathematics and Operational Research: Professor A. S. Douglas

Departmental Tutors for the Session 1973-74

Accounting: Mr. E. A. French
Anthropology: Dr. J. La Fontaine
Economic History: Professor F. J. Fisher (B.Sc. (Econ.) students)
Dr L. M. Brown (B.A. students)
Economics: Mr K. Klappholz
Geography: Dr F. E. I. Hamilton (1st year B.Sc. (Econ.) students)
Mrs J. A. Rees (1st year B.Sc. students)
Mr D. J. Sinclair (2nd year B.Sc. and B.Sc. (Econ.) students)
Professor M. J. Wise (3rd year B.Sc. and B.Sc. (Econ.) students)
Government: Dr B. Donoughue
International History: Mr G. A. Grün
International Relations: Mr M. Donelan
Language Studies: Mr R. Chapman
Law: Mr T. C. Hartley
Philosophy: Mr C. Howson
Social Psychology: Dr B. Geber
Social Science and Administration: Mr H. Glennerster
Sociology: Mrs B. Scharf
Statistics: Mr J. Hajnal

Committee Members

Committees of the Court of Governors

BUILDING COMMITTEE

The Director
The Pro-Director } *ex officio*
Sir Frederic Harmer (Chairman)
Mr. W. H. B. Carey
Mr. A. C. Gilmour
Sir Alan Hitchman
Mrs. M. G. W. Hardiman }
Dr. L. D. M. Nelson } *nominated by the Academic Board*
Dr. A. P. E. L. Sealy
Mrs. K. E. Spitz
Mr. K. E. Thurley

The Court has offered students four places on the Building Committee, namely two *ex officio* members of whom one shall be the President of the Students' Union plus two others elected by the Union.

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 G. L. Goodwin) } *ex officio*
Mr. R. E. Bird
Mr. S. F. Wheatcroft
Professor M. W. Cranston }
Dr. B. Donoughue } *nominated by the Academic Board*
Professor D. G. MacRae
Baroness Seear

INVESTMENTS COMMITTEE

The Chairman of the Court of Governors
The Vice-Chairman of the Court of Governors
The Director
The Pro-Director } *ex officio*
Sir Anthony Burney (Chairman)
Mr. C. H. Barclay
Dr. B. Donoughue
Mr. A. C. Gilmour
Mr. R. J. Kirton

Committee Members

LIBRARY COMMITTEE

The Chairman of the Court of Governors
The Vice-Chairman of the Court of Governors
The Director
The Pro-Director
The Librarian } *ex officio*
Professor F. J. Fisher (Chairman)
Sir Frank Francis
Mr. J. A. L. Morgan
Mr. D. Tyerman
Dr. L. L. Ware
Miss M. F. Webb
Mr. M. D. Donelan }
Dr. C. J. Erickson } *nominated by the Academic Board*
Mr. P. R. G. Layard
Professor I. M. Lewis
Professor D. G. MacRae
Dr. K. R. Sealy
Professor D. C. Watt
Mr. J. E. Hall Williams

The Court has offered students four places on the Library Committee.

STANDING COMMITTEE

The Chairman of the Court of Governors
The Vice-Chairman of the Court of Governors
The Director
The Pro-Director
Mr. C. H. Barclay
Mr. G. C. Brunton
Mr. J. M. Gullick
The Rt. Hon. Lord Hirshfield
Mr. D. J. Kingsley
Sir Richard Powell
Mr. S. F. Wheatcroft
Professor A. C. L. Day
Dr. B. Donoughue
Dr. C. J. Erickson
Mr. K. Klappholz
Professor I. M. Lewis
Professor D. A. Martin
Professor A. R. Prest

Committees of the Academic Board

CAREERS ADVISORY SERVICE COMMITTEE

The Director
The Pro-Director } *ex officio*
Mr. D. J. Sinclair (Chairman)

Committee Members

- Mr. C. H. Barclay
- Sir Anthony Burney
- Miss M. Goldring
- Mr. R. J. Kirton
- Mr. S. F. Wheatcroft
- Mr. R. F. G. Alford
- Mr. D. E. Baines
- Mr. P. F. Dawson
- Mr. A. Fielding
- Dr. M. Hill
- Dr. B. S. Johnson
- Baroness Seear
- Mr. M. Zander

} nominated by the Standing Committee

The Academic Board has offered students nine places on the Careers Advisory Service Committee, namely one *ex officio* plus one graduate and one undergraduate student from each of the four departmental groups.

COMMITTEE ON ACCOMMODATION

- The Director
- The Pro-Director
- The Vice-Chairman of the Academic Board (Professor G.L. Goodwin)
- Mr. G. R. Bretten
- Professor J. Durbin
- Mr. D. R. Diamond
- Mr. C. D. Foster
- Dr. B. S. Johnson
- Dr. P. Loizos
- Mrs. E. P. Tate
- Dr. V. Wright

} *ex officio*

The Academic Board has offered students five places on the Committee on Accommodation, namely the Administrative Vice-President of the Students' Union *ex officio* plus one student from each of the four departmental groups.

COMMITTEE ON THE STUDENT HEALTH SERVICE

- The Director
- The Pro-Director
- Dr. K. R. Sealy (Chairman)
- Miss Z. T. Butrym
- Dr. P. Loizos
- Mr. R. J. Paul
- Four student members

} *ex officio*

COMMITTEE ON UNDERGRADUATE STUDIES

- The Director
- The Pro-Director
- The Dean of Undergraduate Studies (Mr. K. R. Minogue) (Chairman)

} *ex officio*

Committee Members

- Mr. J. S. Anderson
- Dr. R. J. Bullen
- Dr. G. F. D. Dawson
- Dr. P. Earle
- Dr. M. Hill
- Mr. K. Klappholz
- Mrs. J. A. Rees
- Dr. K. F. Wallis
- Nine Student Members

GENERAL PURPOSES COMMITTEE

- The Director
- The Pro-Director
- The Vice-Chairman of the Academic Board (Professor G. L. Goodwin)
- Dr. K. Bourne
- Mr. M. E. Falkus
- Mr. G. A. Grün
- Dr. M. Hill
- Mr. R. Holmes
- Dr. G. W. Jones
- Professor D. G. MacRae
- Professor F. S. Northedge
- Professor A. R. Prest
- Dr. O. M. Stone
- Mr. P. G. Taylor
- Professor J. W. N. Watkins

} *ex officio*

The Academic Board has offered students six places on the General Purposes Committee.

GRADUATE SCHOOL COMMITTEE

- The Director
- The Pro-Director
- Professor M. J. Wise (Chairman)
- Professor M. S. Anderson
- Professor D. J. Bartholomew
- Professor P. T. Bauer
- Professor H. C. Edey
- Professor G. L. Goodwin
- Professor A. H. John
- Professor D. A. Martin
- Miss A. A. Nevitt
- Dr. A. N. Oppenheim
- Professor J. Pitt-Rivers
- Professor B. C. Roberts
- Professor J. W. N. Watkins

} *ex officio*

Committee Members

Dr. K. R. Sealy
Professor P. J. O. Self
Professor A. A. Walters
Mr. M. Zander

PUBLICATIONS COMMITTEE

The Director
The Pro-Director
The Librarian } *ex officio*
Professor M. W. Cranston (Chairman for Lent and Summer Terms)
Dr. R. J. Bullen
Mr. J. B. Gillingham
Dr. D. F. Hendry
Professor E. Kedourie
Professor D. A. Martin (Chairman for Michaelmas Term)
Dr. R. R. Orr
Professor D. C. Watt

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) } *ex officio*
Dr. R. R. Orr (Chairman)
Dr. R. J. Bullen (Vice-Chairman)
Mrs. E. V. Barker
Dr. G. F. D. Dawson
Mrs. S. F. D. Dev
Mr. J. R. Drewett
Dr. H. Freedman
Mr. R. A. Jackman
Mr. M. A. Pickering

STUDENT RESIDENCE COMMITTEE

The Director
The Pro-Director
The Warden of Passfield Hall (Dr. G. F. D. Dawson)
The Warden of Carr-Saunders Hall (Dr. E. A. Kuska) } *ex officio*
Mr. J. M. Jacob
Mr. D. K. C. Jones
Mr. R. J. Paul
Mr. K. E. Thurley (*nominated by the Building Committee*)

The Academic Board has offered students six places on the Student Residence Committee, namely the Welfare Vice-President of the Students' Union and the Chairman of the Students' Housing Committee *ex officio* plus four elected student members.

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" if any.

RESEARCH COMMITTEE

The Director
The Pro-Director
The Librarian } *ex officio*
Professor W. M. Gorman
Professor J. B. Joll
Dr. J. S. La Fontaine
Professor D. G. MacRae
Professor B. C. Roberts
Professor K. W. Wedderburn
Mr. L. A. Wolf-Phillips

STANDING SUB-COMMITTEE OF THE APPOINTMENTS COMMITTEE

The Director
The Pro-Director
The Vice-Chairman of the Appointments Committee } *ex officio*
Professor J. Durbin
Professor J. A. G. Griffith
Professor J. B. Joll
Professor E. Jones
Professor E. Kedourie
Professor I. M. Lewis
Professor D. A. Martin
Professor A. A. Walters

Committees Advisory to the Director

ACADEMIC POLICY COMMITTEE

The Director
The Pro-Director
The Chairman of the Graduate School Committee (Professor M. J. Wise)
The Dean of Undergraduate Studies (Mr. K. R. Minogue)
The Librarian
The Vice-Chairman of the Academic Board (Professor G. L. Goodwin) } *ex officio*
Miss J. M. Aitchison
Mr. A. J. Beattie
Dr. K. G. Binmore
Dr. K. Bourne
Dr. Lucy M. Brown
Professor W. R. Cornish

Committee Members

Professor A. C. L. Day
Dr. D. M. Downes
Professor J. Durbin
Mr. E. A. French
Mr. H. Glennerster
Mr. W. H. N. Hotopf
Mr. I. G. F. Karsten
Mr. K. Klappholz
Professor I. Lakatos
Dr. M. Leifer
Professor D. G. MacRae
Dr. H. S. Morris
Professor B. C. Roberts
Professor P. J. O. Self
Mr. D. J. Sinclair
Mr. A. W. G. Stewart
Dr. C. R. Wymer

ADMISSIONS COMMITTEE (Undergraduate Courses)

The Director
The Pro-Director
Dr. R. C. Estall (Chairman)
Mr. A. J. Beattie (Deputy Chairman)
Mr. R. F. G. Alford
Mr. M. H. Banks
Dr. K. Bourne
Dr. Lucy M. Brown
Dr. N. Denison
Mr. M. E. Falkus
Dr. H. Freedman
Mr. G. A. Grün
Mr. A. D. Jones
Mr. K. Klappholz
Professor I. M. Lewis
Mr. K. R. Minogue
Mr. J. Potter
Mr. P. G. Taylor
Mr. J. J. Thomas
Mr. E. Thorp
Dr. D. G. Valentine
Professor K. W. Wedderburn

Committee Members

ATHLETICS COMMITTEE

Dr. R. C. Estall (Chairman)
Mr. M. E. Falkus (Vice-Chairman)
Dr. B. Donoghue
Mr. J. B. Gillingham
Mr. K. R. Minogue (representing the Senior Common Room)
Two representatives of the L.S.E. Society
The President of the Athletic Union

Four members, one of whom must be a woman, nominated from time to time by the Executive Committee of the Athletic Union
The Pro-Director

COMMITTEE ON THE WELFARE OF OVERSEAS STUDENTS

The Pro-Director
Mr. R. Chapman (Chairman)
Mrs. M. G. W. Hardiman
Dr. W. Letwin
Dr. I. H. Nish
Mr. J. Potter
Mrs. K. F. Russell
Mr. J. J. Thomas
The Welfare Vice-President of the Students' Union
The Chairman of the Union's Committee on Overseas Students' Welfare
Two other members of that Committee

The Academic Board has offered to increase the number of student members to eight including the Welfare Vice-President ex officio.

REFECTORY ADVISORY COMMITTEE

The Director
The Pro-Director
Mr. J. R. Gould (Chairman) appointed by the Court of Governors
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)

Administrative Staff

Director

Sir Walter Adams, C.M.G., O.B.E., B.A., LL.D.
(Private Secretary: Gwendoline M. Bingham)

Academic Secretary

J. Alcock, B.A.
(Private Secretary: ———)

Financial Secretary

J. Pike, C.B.E., M.A.
(Private Secretary: Denise J. Prosser)

Deputy Academic Secretary and Registrar

G. Ashley, B.A.

Accountant

B. T. Parkin, F.C.A.

Bursar

L. V. McNaught-Davis

Susan Applestone, B.A.: *Administrative Officer (Appointments)*
B. D. Barnard, B.A.: *Assistant to the Secretaries*
Ilse T. Boas, B.SC.ECON.: *Assistant Registrar (Timetabling)*
Anne M. Bohm, PH.D.: *Secretary of the Graduate School*
C. J. T. Braybrook: *Assistant Bursar*
Pamela Carden, M.A.: *Assistant to the Secretaries*
Doreen S. Castle: *General Secretary to the Population Investigation Committee*
Shirley A. Chapman: *Information Officer*
E. W. H. Clark, A.C.A.: *Assistant Accountant*
P. D. C. Davis, B.A.: *Publications Officer*
Winifred M. Davis, B.SC.ECON.: *Examinations Officer, Registry*
W. Harrison, A.C.I.S.: *Assistant Accountant*
Ambrosine B. Hurt: *Secretary to the Library Appeal*
J. G. Kelly, LL.B.: *Assistant Bursar (Accommodation and Catering)*
Joyce M. Metcalfe, B.A.: *Assistant Accountant (Superannuation)*
Evelyn M. Myatt-Price, M.A.: *Senior Assistant Registrar*
Rosemary Nixon, B.A.: *Assistant Registrar (Undergraduate Admissions)*
P. J. Pasmore, A.A.C.C.A.: *Assistant Accountant*
Jennifer A. Pinney: *Research Secretary (Higher Education Research Unit)*
B. D. Roberts, B.A.: *Assistant to the Secretaries*
R. M. Shutz, LL.B., BARRISTER AT LAW: *Deputy Secretary to the Library Appeal*

Administrative Staff

B. J. Silk: *Assistant Bursar (Ancillary Services)*
S. Joy Starritt, B.A.: *Administrative Assistant (Graduate School)*
Caroline I. Vining, B.A., BARRISTER AT LAW: *Personnel Officer*
Dorothy Williams, M.A.: *Administrative Secretary (Economics Department)*
G. J. Wilson, A.R.I.C.S.: *Building Surveyor*

Principal Clerks and Chief Clerks

Joan M. Alstin: *Timetabling Office*
Aina E. I. Anderson: *Economica Publishing Office*
Elizabeth C. R. Arrol, B.A.: *Secretarial Induction Unit*
Pearl D. Baggott: *Accounting Department*
Patricia L. Barham: *Accounts Department*
Dorothy E. Bell: *Personnel Department*
Elsie A. Betts: *Academic Secretary's Department*
Diana C. Beydoun: *Industrial Relations Department*
Jetta L. Bruce: *Law Department*
Dora W. Cleather: *Accounts Department*
Molly St. C. Coales: *Accounts Department*
Valerie D. Cooper: *Accounts Department (Superannuation)*
I. Elsie Cooper-Hannan, B.A.: *Correspondence Department*
Patricia A. Cunningham, B.A.: *Examinations Office (Registry)*
Jean M. R. Curry: *Accounts Department*
Anne D. Dix: *Sociology Department*
Jennifer Foode: *Filing Department*
Janet A. Fox: *Geography Department*
Ruth H. Griffiths: *Social Science Department*
Carolyn S. M. Hargraves: *International History Department*
Patricia S. Harrod: *Registry*
Elisabeth Johnson: *Language Studies Department*
Margaret Y. M. Jones: *Sociology Department*
Betty A. Jory: *Higher Education Research Unit*
Barbara M. Lenny: *Graduate Admissions Office*
N. A. Lewis: *Central Copying Services*
Joan H. Lynas: *Economic History Department*
Carol Martin: *Statistics Department*
Maureen J. Mulvany: *Social Science Department*
Christina Newman: *Graduate School Office*
Bernice M. Page: *Accountants Department*
Melody A. Pavey: *Personnel Department*
Barbara E. Powrie, B.SC.SOC.: *Bursar's Department*
Morag W. Rennie: *Social Psychology Department*
Gladys A. Rice: *Anthropology Department*
Joan C. Rowat: *Registry*
Elizabeth A. Schnadhorst, A.R.C.M.: *Government Department*
Anita C. Scholz: *Careers Advisory Service Office*
Anne Smith: *Philosophy Department*
Ella Stacey, B.A.: *International Relations Department*

Administrative Staff

Ann Trowles: *Sociology Department*
Mary B. Whitty: *Undergraduate Admissions Office*

Geography Department

Eunice Wilson: *Chief Technician (Cartography)*
N. L. Cadge, B.A., A.L.A.: *Map Librarian*
B. M. Lessware: *Senior Technician (Photography)*

Psychology Department

K. M. Holdsworth, A.I.S.T.: *Chief Technician*
R. S. Cousins: *Senior Technician*
C. L. Hawkins: *Senior Technician*

Student Health Service

J. A. Payne, M.B., B.S., D.OBST., R.C.O.G. (LONDON): *Senior Health Service Officer and Psychiatric Adviser*
H. P. Clarke, M.R.C.S., M.R.C.P. (LONDON): *Health Service Officer (Physician)*
Camilla Bosanquet, M.B., B.CHIR. (CAMBRIDGE), M.R.C.S. (ENG.), L.R.C.P. (LONDON), D.C.H. (ENG.), D.P.M.: *Psychiatric Adviser (Part-time)*
Agnes H. Wilkinson, M.B., CH.B. (BIRMINGHAM), M.R.C.P. (LONDON): *Psychiatric Adviser (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)*
(—): *Ophthalmic Surgeon (Part-time)*
P. Ayling, B.D.S. (EDINBURGH): *Dental Surgeon*
J. Skuse, F.D.S., R.C.P.S. (GLASGOW), B.D.S. (LONDON), L.D.S., R.C.S. (ENG.), F.D.S.: *Dental Surgeon*
Penelope A. H. Rockley, S.R.N.: *School Nurse*

Maintenance and Catering Staff

D. G. Morris: *Catering Manager*
Eileen P. Campbell: *Assistant Catering Manager*
E. Brown: *House Manager*
W. C. Frisby: *Chief Electrician*
F. C. Jones: *Assistant Surveyor*
L. F. Kearey: *Head Porter*
Elizabeth M. S. Dunwoody, M.H.C.I.M.A.: *Housekeeper*
F. Moll: *Technical Equipment Assistant*

Carr-Saunders Hall

E. A. Kuska, B.A., PH.D.: *Warden*
E. Jacqueline Wiltshire, M.H.C.I.M.A.: *Resident Bursar*

Passfield Hall

G. F. D. Dawson, M.A., PH.D.: *Warden*
Ursula A. Thomas, B.SC., F.H.C.I.M.A.: *Bursar and Assistant Warden*

Administrative Staff

Computer Services

Margaret J. Jeffery, B.SC.: *Programmer*
D. P. Dalby, B.SC.ECON., M.SC.: *Senior Programmer*

Manager of the Computer Unit

P. J. Wakeford, B.SC.ECON.

Susan Jones, B.A.: *Senior Programmer*
Carol R. Hewlett: *Senior Programmer*
P. R. Chastney, B.SC.ECON.: *Programmer*
Hazel O'Hare, B.SC.ECON.: *Programmer*
R. J. O'Reilly, B.SC.: *Programmer*

British Library of Political and Economic Science

Librarian

D. A. Clarke, M.A.

Deputy Librarian

C. P. Corney, B.LITT., M.A.

Sub-Librarians

C. G. Allen, M.A.: *Superintendent of Readers' Services*

Martha E. Dawson, M.A.: *Chief Cataloguer*

Maria Nowicki, LL.M.: *Acquisitions Officer*

Senior Assistant Librarians and Assistant Librarians

B. G. Awty, B.A.: *Acquisitions*

E. C. Blake, B.A.: *Head of Official Publications Section*

Margaret N. Blount, B.A.: *Cataloguing*

D. A. Bovey, B.SC.ECON.: *Readers' Services*

Julia V. Garland, M.A.: *Latin American Collections*

S. Goddard, M.A.

Jane T. Henderson, B.A.: *Acquisitions*

W. Hughes, B.A.: *Cataloguing*

B. R. Hunter, B.A.: *Slavonic Collections*

Christine G. James, M.A.: *Acquisitions*

M. Rosamond Kerr, B.A.: *Official Publications*

C. R. Leggott, B.A., M.A.: *Cataloguing*

K. O. Parsons, M.A., BARRISTER AT LAW: *Law*

Hilary L. Rubinstein, B.A.: *Cataloguing*

Patricia A. Tankard, B.A.: *Official Publications*

Principal Library Assistants

F. W. Blackburn: *Binding*

Nora C. F. Blacklock: *Superintendent of the Teaching Library*

E. W. P. Rhoades: *Administration*

Joan M. Warren: *Periodicals*

Senior Library Assistants

Veronica J. Benjamin: *Teaching Library*

Diana M. Boreham: *Cataloguing*

Marjorie M. Burge, B.A.: *Official Publications*

Judith M. Cattermole, B.A.: *Teaching Library*

Frances Dunsmore: *Cataloguing (Part Time)*

Karen Lland, B.A.: *Periodicals*

D. MacDonald: *Inter-Library Loans*

Deidre McKellar: *Superintendent of the Shaw Library*

R. Trussell, B.A.: *Cataloguing*

Chief Clerks

J. Ann Davidge: *Librarian's Secretary*

Hilary J. Johnston: *Supervisor of Processing Services*

Honorary Consultant on the History of Book Production

Marjorie Plant, D.SC.ECON.

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

Numbers soon rose; and in 1902 the School moved into its first purpose-built accommodation. The site was provided 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 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;

History of the School

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 has been gained in terms of actual space as these buildings replace 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. Subject to planning permission it is intended to adapt the building to rehouse the British Library of Political and Economic Science by 1975-76 in a way which will enable scholars, both from the School and beyond, to have full access to the Library's two million items. The accommodation then released in the main building will become available for other purposes including the improvement of general amenities for students.

Substantial financial assistance has been promised by the University Grants Committee for this Library project. Meanwhile the School is required to raise two and a half million pounds from other sources. A public appeal was launched in February 1973.

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 1971-72

Strand House

The School has committed itself to the purchase of a neighbouring building, Strand House, when the present owners, W. H. Smith and Son Limited, vacate it at a date between December 1973 and March 1975. This historic decision has not only dominated the work of the School during the past session but will continue to shape its policies and development for decades to come.

This is the biggest and probably the boldest single decision deliberately taken by the School in its history. It is reassuring that since the decision was announced in November 1970 nobody has doubted its wisdom. The British Government has endorsed it by agreeing to contribute over half the cost of the purchase. The University Grants Committee and the Court of the University of London have endorsed it by giving it a generous priority in their capital planning. All those with whom we have discussed the matter during the past year, whether previously connected with the School or not, have agreed that the School was right in seizing this unique opportunity which if lost would never recur, and that it had a national and international duty to do so if it was to avoid betraying its past and distorting its future.

Equally there has been unanimity in judgement on the decision to use Strand House for the rehousing of the British Library of Political and Economic Science. The School is the sole trustee of this pre-eminent and irreplaceable library in the field of the social sciences. In the existing premises which the School, at great cost to its other needs, has made available to the Library, only a small fraction of its resources is easily accessible and much of its potential is lost because accommodation constraints prevent the use of modern library technology for its full exploitation. The dynamic quality of the Library as a workshop in the social sciences depends on the intimate association of active scholars with its collections and acquisitions, and therefore on the physical proximity of the Library to the School with its three hundred academic staff and its graduate school of more than a thousand advanced students. By miraculous good fortune Strand House is designed structurally to take the heavy weight of books, journals and newspapers and can therefore be quickly adapted for use as a library; without major change it can be converted to single-entrance control for library security; and its open-floor plan provides maximum flexibility to meet the changing needs of a library. Size, proximity and structure make it a nearly perfect fit for the rehousing and unification of the School's library.

Implicit in the decision to acquire Strand House is a decision that the School with its Library should remain on its present site in the heart of London. This has for long been the considered policy of the School for many other compelling reasons, and the decision is therefore consistent with and reinforces our strategic plans.

The acquisition of Strand House will at one stroke increase the useable space available to the School by over fifty per cent. Having decided to use Strand House itself for the Library, the School had to take a subsidiary decision on whether or not to use the additional space significantly to increase its student numbers. It has, in my view wisely, agreed to resist the temptation, and to use the accommodation

Report by the Director

which will be released in the main buildings for the improvement of social facilities for students and staff, for additional study and teaching provision, for the reintegration into the School of research activities at present housed in outlying premises, and in general to relieve the congestion from which the School has suffered throughout its seventy five years of development.

During the year the Building Committee and its sub-committee appointed for this purpose have been preparing detailed plans and estimates for the adaptation of Strand House to meet the Library needs defined in a policy brief approved by the Library Committee and other School authorities. In this task the Building Committee has been in consultation with its architects and other professional advisors, and has had the benefit of the advice of specialist experts in library planning, notably Dr. Keyes Metcalf, a former Director of Libraries at Harvard who at the suggestion of the University Grants Committee visited the School for this purpose. In his report at the conclusion of his visit in which he made many valuable suggestions for the adaptation of Strand House, Dr. Metcalf recorded that 'one of the basic problems in any Library is to have construction so that heavy book stacks can be placed anywhere in the building. The Strand House obviously solves this problem completely'.

The expertise available to the School in planning the development of its Library has been reinforced by the appointment of an international panel of 16 library specialists on whose advice the Librarian can call.

The Appeal

The agreed price for the purchase of the freehold site and building of Strand House is £3,780,000. Towards this a government grant of £1,980,000, through the University Grants Committee and the Court of the University of London, is promised. The School has to raise the balance and as much as possible of the costs of adaptation, furnishing and equipment. It has decided to launch an appeal for £2½ million.

As recorded in my last annual report Lord Robbins accepted the Chairmanship of the appeal and Professor H. C. Edey agreed to act as Co-ordinator. Under Lord Robbins' leadership, to which he has devoted his full time services, a strong appeal organisation has been built up during the year, with the active co-operation of the Governors and the academic and administrative staff. It was decided, at least for the first stages of the appeal, not to engage the services of professional fund raisers.

During the year the appeal organisation prepared the basic documentation, such as categories and lists of potential donors and a folder of leaflets including statements on the Library's needs, its history, its services to business and other users, on the plans for the adaptation of Strand House, on the development and current activities of the School, and similar information needed to support the appeal and its attendant publicity. It built up groups of collaborators and emissaries both in the United Kingdom and overseas, particularly in the United States, Canada, Australia, India, Singapore, Cyprus and Sweden. It made detailed preparations for publicity about the Library, the School and the appeal, both for the build-up period and for the public launching of the appeal which it is proposed should take place in the early Spring of 1973.

During the first, non-public, phase of the appeal, requests for contributions were made to present members of the School, including Governors, Honorary Fellows and staff, and to a large number of foundations and trusts, business companies,

Report by the Director

banks, and other private organisations, and to individuals who might be expected to give personal support to the appeal. It is hoped that from these initial approaches a substantial sum will have been given or promised and can be announced when the public appeal is made to the alumni and to all other friends of the School, at home and overseas. Plans have been made for the permanent commemoration in the Library of all donations received and, if a benefactor so wishes, the identification of his gift with a particular section or item in the Library.

Information services and public relations

The growth in size and complexity of the provision for higher education in the United Kingdom and the rapidity of change in the services rendered by universities raise problems of internal and external communication with which the School, like all other academic institutions, has had to grapple during the past few years. Among the steps we have taken to improve our services has been the appointment in 1969 of an information officer, Miss S. A. Chapman, under whose editorship a news pamphlet issued monthly in term time to staff and students has steadily improved as a vehicle for the quick dissemination of domestic information; in her office the agendas and minutes of all School committees (other than strictly confidential items) are accessible to all members of staff; she is responsible for the issue of press releases and is normally the first recipient and the distributor of enquiries from the media and the public. Continuous efforts have been made to increase the usefulness of the Calendar, the handbooks, the pamphlets, Staff Manual, and other regular publications of the School. The Magazine, produced by the L.S.E. Society twice a year, is proving of increasing value in keeping present and past members of the School informed about its development.

The thrice yearly conferences with Heads of Schools, both London and provincial, have been maintained and during the last year as an experiment one of these was used for a conference with Careers Masters. Indirectly an important contribution to the School's public relations is made by the frequent public lectures, specialist conferences, student society meetings, and numerous other functions held on School premises.

Three particular developments during the past year call for mention. The first phase of the establishment of an Alumnus Register was completed; the Register now contains, in computerised form, the personal particulars and current addresses of 12,000 of our former students. Arrangements have been made to keep it up-to-date and steadily to increase its comprehensiveness as we succeed in remaking contact with other alumni whom we did not succeed in reaching through the original questionnaire. The Register provides us with an instrument for maintaining and developing a two-way contact with former members, and as a minimum service an annual newsletter from the Director has been instituted.

Secondly, a course of twelve public lectures on 'Man and the Social Sciences' was organised by Professor W. A. Robson during the session and these have now been edited by him and published by the School as a book with that title. Each lecture, given by a specialist from among the present members of our staff or from other universities, dealt with a particular area or aspect of the social sciences, and attracted a large audience. Although it was not the primary purpose of the course, the series impressively demonstrated what pioneering contributions the School had made in

Report by the Director

the seventy five years since its foundation to almost every discipline within social studies.

Thirdly, throughout the year small informal dinners have been held almost each week at which Governors and members of staff have entertained former students and leading figures in business, the professions, the trade unions and the public services and have used the occasions for frank, free-ranging conversations about the School, its plans, its failures and achievements. These have undoubtedly contributed to mutual understanding, to the dispelling of some myths about the School and to a reduction of the School's self-complacency.

Teaching and research activities

In my report for 1970-71 I described the proposed revisions in the School-based B.Sc. (Econ.) degree. The Academic Policy Committee and the Academic Board continued to develop these proposals in detail; they secured University approval; the School circulated full information to schools and to prospective candidates for admission about the revised degree structure, options and courses, and made other preparations for the first intake for the revised degree in 1972-73. Conveners appointed departmental senior tutors to assist in the guidance to new students, particularly in their selection of four subjects for Part I of the degree in relation to their provisional choices for the more specialised Part II. The arrangements for the Freshers' Conference at the opening of the 1972 session were adapted to provide fuller academic induction of new undergraduates.

Minor modifications were made in other first degrees, including the introduction of a new B.Sc. Social Science and Administration, and in the range of choices available within the M.Sc., including the introduction of an M.Sc. in Management Studies.

The Ormrod report on the training of entrants to the legal profession, proposing that entry should in future require a first degree, appears so far to have produced few changes in university law departments, partly perhaps because of the delay in the start of active work by the newly established Council on Legal Education. Our Law Department, unable to increase its number of undergraduates in any significant way because of the space constraints on student expansion at the School, sees its probable contribution to the Ormrod proposals within those made in Chapter VII of the report in the field of specialised and advanced in-service courses for members of the profession.

Stimulated both by a major survey and report by Professor P. S. Cohen, the first holder of the post of Dean of Undergraduate Studies, and by discussions within departmental staff-student committees, there has begun a review and some experimentation in the fields of teaching methods and of examination methods. New staff have been encouraged to attend the training courses provided centrally by the University of London, and the growing interest in this type of professional preparation for university teaching suggests that the School may soon be justified in mounting courses of its own within the area of the social sciences.

The annual list of publications by members of staff (see pages 89-119) as usual gives only a partial snapshot of the research in progress at the School. During the past year accommodation difficulties have continued to compel us to limit the number of academic guests we can receive as colleagues in our advanced studies although the requests for such hospitality increase. The same constraints

Report by the Director

have forced us to refuse, or not to seek, research grants since we do not have space in which to house the ancillary staff. While waiting for the relief which the acquisition of Strand House will bring, we continue to search for temporary accommodation for research activities, and to try to break the bottleneck created by the refusal of the Research Councils and the Foundations to meet the overhead costs entailed in their grants.

Student numbers

An analysis of student numbers given on pages 120-126 shows that the School slightly exceeded the target of a total of 2,956 full-time students, indicated by the University Court for the School for this the final year of the quinquennium. The number of applications for admission to the School continues to increase both for undergraduate and for postgraduate courses, with the one exception of an inadequate supply of qualified candidates for the first degree in Mathematics, a stubborn difficulty which is not peculiar to the School.

Although there appears to be on the national scene a levelling off, or in some subjects a decline, in the number of applications for university places, the School is confident that it can meet any target that may be set for it in the next quinquennial settlement and will be able to do so without any change in its admission standards. The School's declared policy for the coming quinquennium is to keep to its present total of 3,000 full-time students, but within that to move towards an equality of undergraduates and postgraduates, and to move towards doubling the present number of 400 part-time postgraduates. There are disquieting rumours in public speculation about the forthcoming quinquennial settlement that it may include a reduction in the provision for postgraduate numbers nationally, and that such a reduction may be reinforced by the diminished resources available through the Research Councils for postgraduate awards. Many of us would regard such a decision as short-sighted on general grounds, but for the special case of the School most would consider it as exceptionally wasteful. The concentration in the School of a large highly specialised staff in the field of the social sciences, the unrivalled resources of the British Library of Political and Economic Science, and the location of this centre for advanced study at the heart of a national and international metropolis make the School a uniquely appropriate and cost effective centre for postgraduate training of social scientists the need and employment opportunities for whom are not diminishing.

Student affairs

The third Hall of Residence, a gift from the anonymous benefactor, is under construction on a site in Rosebery Avenue and when completed will provide an additional 194 residential places. During the year the School leased in Maple Street, next to Carr Saunders Hall, a newly built block of flats similar to that in Fitzroy Street which has proved over the past two years to be a most successful innovation in the provision of student accommodation. The flats, each with its own kitchen and bathroom will be occupied by small groups of students catering for themselves, and will provide an addition of 121 residential places for students of the School.

The welfare and counselling services provided by the School for its students,

Report by the Director

including the Careers Advisory Service on a federal University basis and the Student Health Service, have been strengthened during the year.

The Athletics Union, with its many clubs, has had a successful year. The Students' Union experienced a series of constitutional and financial crises throughout the session; its welfare services and its societies managed to survive, although on a reduced basis. Discussions continued throughout the year in an attempt to provide a new constitution for the Union which would give the student community the greatest possible autonomy compatible with the School's accountability for the public funds which it gives to the Union in the form of block grants. The constitutional discussions were not completed by the end of the session, and the affairs of the Union were being administered on an *ad hoc* basis by an elected Committee of Three.

Colleagues

The year saw relatively few changes in the senior academic staff. Six of our colleagues were appointed to Chairs elsewhere, five of them in the United Kingdom and one in Hong Kong. A member of the Department of History was appointed to the post of Keeper of Manuscripts at the British Museum. Mrs. Scott-James retired after serving the School since 1947 and stimulating many generations of students with an appreciation of French literature.

The administrative staff lost two of its longest-serving members. Miss Betty Barron, who joined the School's service in 1932 and to whom its publications and *Economica* in particular owe so much, retired. Mr. D. G. C. Judd, a member of our staff since 1925 and a key figure in the technical services of the Department of Geography, died. A former member of the staff, Mr. Willis Wright, who tended our athletics grounds at Malden from 1929 to 1957, also died during the year.

The Obituary records the deaths of Lord Crowther, a member of the Court of Governors since 1942 and an Honorary Fellow since 1963, of Sir Horace Wilson, a student of the School 1904-8 and an Honorary Fellow since 1960, and of Lady Simon, a student in 1907-9 and 1911-12 and an Honorary Fellow since 1965.

WALTER ADAMS
September 1972

Academic Awards

Scholarships and Studentships Awarded in 1972

(a) Awarded by the School

ENTRANCE SCHOLARSHIPS

Delia Ashworth Scholarship
Margaret Patricia Millman

Christie Exhibition
Roger Anthony Pozzi

Madge Waley Joseph Scholarship
Alison Duncan Watt

Leverhulme Adult Scholarship
Not awarded

Scholarships for Mathematicians
Richard Charles Boulton
Charles Paul Jarah
David Lewis Martyn

UNDERGRADUATE AWARDS

*Chartered Institute of Secretaries
and Administrators Scholarship*
David Emmanuel De Meza

Lilian Knowles Memorial Scholarship
Gillian Cronje
Christine Margaret Lillywhite

Harold Laski Scholarship
John Reginald Fuller

C. S. Mactaggart Scholarships
Masood Ahmed
Natwar Gotecha
Zulficar Kassamali Mohamed

Undergraduate Scholarship
Hermanus Arnoldus Cornelis Rooney

AWARDS OPEN TO UNDERGRADUATES AND GRADUATES

*S. H. Bailey Scholarship in International
Studies*
Yoram Hessel

Scholarship in International Law
Bertie Gangapersand Ramcharran

GRADUATE AWARDS

Acworth Scholarship
Not awarded

*Montague Burton Studentships in Inter-
national Relations*
Jonathan Roy Blair
Stephen Lebeda Cooney

*Noel Buxton Studentship in International
Relations*
Peter John Hennessey

Graduate Studentships
Shelley Ray Meyers
John Andrew Pigdon

Graduate Studentships in Economics
Andrew Gareth Maugham
Stephen Eric Pudney

*Graduate Studentship in International
Studies*
Christopher Anthony Stevens

Rees Jeffreys Studentship
Stephen Paul Flower

*Leverhulme Graduate Entrance Student-
ship for Overseas Students*
William Harry Shaw

Academic Awards

Leverhulme Research Studentships
Colin Richard Garrett
Eric Harrison Wooding

Leverhulme Research Studentship for Overseas Students
Robert Paul Erickson

Jackson Lewis Scholarships
Anoop Singh
Louis Wassenhoven

Studentship in the Economics, Economic Geography or Economic History of Latin America
Not awarded

Eileen Power Studentship
Not awarded

Rosebery Studentship
Ilea Jean Tant

(b) Awarded by the University

Bryce Memorial Scholarship
Edgar Roy Samuel

Clothworkers' Company's Exhibition
Masood Ahmed

Gerstenberg Studentship
Michael Frank Hallett

Loch Exhibitions
Margaret Patricia Millman
Althea Wilkinson

Metcalf Scholarships for Women
Ruth Susan Aylett
Eileen Delme Giles

Metcalf Studentship
Not awarded

Str Edward Stern Scholarships
Alexander Dewar Kerr Johnston
Colin Graham Anthony Thirtle

University Postgraduate Studentship
Peter Clarke

Finals Studentships
Firanzeh Khalatbari
Mark Morgan
Basil Basil Zavoico

Prizes Awarded in 1972

(a) Awarded by the School

Arthur Anderson Prize in Accounting
Hooi, Lai Hoong

Bassett Memorial Prizes
Iain Robert Reekie
Michael Dennis Wosner

Janet Beveridge Award
Audrey Gillian Walt

Bowley Prize
Celia Mary Phillips

Ely Devons Prizes
William Anthony Allen
Carol Ann Steinfeld
Steven Charles Sugar } Jointly

Director's Essay Prize
Not awarded

Farr Medal and Prize
Graham Harvey Macpherson Goddard

Firth Award
Roy Ellen
Tristan Platt } Jointly

Gladstone Memorial Prize
Not awarded

Gonner Prize
Hassan Mohadjer-Shirvani

Academic Awards

Gourgey Essay Prize
Leslie John Whitehouse
Brian Williams } Jointly

Hobhouse Memorial Prize
Sandra Clare Newton

Hughes Parry Prize
Bernard Berkovits

Mostyn Lloyd Prize
Richard George Barker

Jessy Mair Cup for Music
Not awarded

George and Hilda Ormsby Prizes
John Fraser Ockenden
Peter Axtel Snelling

Premchand Prize
Not awarded

Raynes Undergraduate Prize
Michael Frank Hallett

Rosebery Essay Prize
Not awarded

School Prizes
Masood Ahmed
Bernard Berkovits
Shulamuth Chiat
Elizabeth Jane Costello
Colin William Morley
Sharon Ann Mulvihull
Elizabeth Caroline Stilgoe
Sandra Lynne Thompson } Jointly
Julian Trevor Rose
Edgar Roy Samuel
Helen Scoging
Frantise Vejmelka
Phyllis Jane Woods

Allyn Young Prize
Joseph Bernard Wilcox

(b) Awarded by Outside Bodies

Free Press Prize in Sociology
Sara Lynn Arber

French Exchange Scheme Studentship
Lawrence John Pitkethly

Academic Awards: Degrees

First Degrees Awarded 1972

B.Sc. (Economics) Final Examination

Honours

FIRST CLASS

Gregory Paul Currie
Mansoor Dailami
Jennifer Garner
Graham Harvey Macpherson Goddard
Michael Frank Hallett
Lai Hoong Hooi
Firauzeh Khalatbari
Sarah Ann Ludford
Hassan Mohadjer Shirvani
Peter Axtel Snelling
Basil Basil Zavoico

SECOND CLASS

Upper Division

John Aspinall
Afrouz Assadian
Mohammad Said Ayati
Anthony Charles Barlow
Martin John Barlow
Alec Charles Bellamy
Jonathan Roy Blair
David Anthony Travis Burton
John Chapman
David Michael Charnock
John Antony Lovatt Davies
Paul Norman Joseph Entwistle
Tudor Vaughan Evans
Patricia Anna Fletcher
Christine Mary Hancock
John William Hart
Jonathan George Haslam
Lindsay Margaret Herrington
Mary Elizabeth Hopkins
Ishah Binti Ismail
Jeffrey John Jones
Boyan Jovanovic
Sudhir Nagorao Junankar
Masumali Noorali Kassam
Anne Maria Kiernan
Keith Charles Anthony Laurence
Julian Francis Lee
Roger Francis Lee

Stuart Anthony Lee
James Leech
Lorna Wray Heywood Lloyd
Esfandiar Maasoumi
Michael Andrew Marshall
Evelyn Geoffrey McDermott
Anna McMorrough
Andrew John Milner
Elisabeth Karin Newman
Alan John Nichols
Brian Michael O'Leary
Bahram Pesaran
Robert Douglas Pinkham
Jennifer Anne Pitkin
Ronald Priestley
John Quillfeldt
Joy Elizabeth Reynolds
Helen Frances Margaret Roberts
David Jeffrey Rose
Martin James Russell
Aliakbar Samadzadeh
Samir Elias Sanbar
David Savage
Michael Frank Schiller
Roger William Skilton
Lawrence Bartlam Smith
John Oliver Smullen
Susan Elizabeth Snell
Paul Stonier
Mahdad Taghavi Khonsary
Navzar Taraporvala
Barrie Richard Thomas
Rolf Gunter Weitowitz
Paul André Wieteska
Josephine Louise Woollons
Michael Dennis Wosner

SECOND CLASS

Lower Division

Esmail Aghazadeh
Louis Alexander
John Dennis Keith Andrews
Marie Paule Venise Arouff
Arif Ayub
Richard Sinclair Ball
Anthony Baron
Geoffrey Nigel Beaver
Norman Bergel

Academic Awards: Degrees

Terence Berrow
John Harold Betts
Graham Michael Bough
Rosemary Elizabeth Boyse
Justin Harvey Leigh Brisk
Amanda Carolle Carthew
Peter Cawthorne
Siang Pin Chang
Singh Sarwan Cheema
Keith Brian Christie
Philippa Marion Ruth Colella
Paul Alfred Cripps
Roger Gerard Crosby
Nicholas David Cullen
Deepak Mohandas Dalamal
Mohammed Salim Dawood
Philip Montague Day
Clifford John Dear
Graham Dewhurst
Nauzer Dinshaw
Ebenezer Louis Dogbe
Anthony Donovan
Simon James Michael Edlin
John Andrew Ellwood
Stephen Richard Nigel Fenton
Judith Marion Flavell
Markos Foros
Ann Elizabeth Foulkes
John Reginald Fuller
William James Garlick
Clive Mace Gilchrist
Howard David Goldring
Patrick Derek Goodsman
Martha Clare Greenyer
Patrick George Murray Gregory
Patricia Agnes Grenier
Peter Robert Francis Gunn
Amar Hameed
John Thomas Hampson
Roger George Hare
Joan Irene Head
Brian Charles Phillip Hope
Gary Nigel Howe
Thomas Irwin
Alan Neil Israel
Jacqueline Susan Jaffé
Mitra Kashani Akhavan
Andrew John Keogh

Robert Kidson
Ratana Kupasrimonkol
John Lacy
Gwendolen Eileen Lang
Hen Fong Lau Pak Kee
Kolapo Lawson
Anna Christina Mary Lee
Pek Har Lim
Martin Walton Lister
Habibollah Mahdy
Merran Jayne Mathews
Kevin Andrew McCarthy
Maureen McClintock
Robert Ferguson Hunter Minto
Kimbriel Armistead Mitchell
Andrew Stephen Moore
Geoffrey George Moyne
Michael Shamsu Mustapha
Kevin Nield
Stephen Nussey
Hai Choo Ong
Linda Jane Osband
Sarah Gillian Palmer
Neil George Pascoe
Lawrence George Pattinson
Christopher Haydn Dunning Phillips
Bryony Mary Anne Pickford
John Arthur Place
Franklin Timothy Ponton
Roman Prychidko
Stephen Geoffrey Rawlings
Marian Susan Reed
Penelope Ann Revitt
Rodney James Rezler
Delbert Harold Sandiford
Nicholas John Searl
Ruth Shaw
Christopher David Shingler
Gerald Robert Slater
Ian Nicholas Sneyd
Keith Sowerby
Allan Stewart
Ralph Michael James Stone
Christopher John Suenson-Taylor
David Taylor
Nicholas John Teasdale
Judith Lesley Barbara Telford
Max Julian Telling

Academic Awards: Degrees

Hooi Khian Teo
Michael John Thornton
Susan Frances Traill
Keith Turner
Diana Mary Villiers
Victor Robert Vipond
Kevin Edwin Wadsworth
Alison Duncan Watt
Robert Peter William Wilkins
Robin Vaughan Williams
Nigel Willmott
Victor Mieczyslaw Woldanowski
Wong Yuet Leung
Howard James Yates

THIRD CLASS

Boladale Festus Adeyemo
Jacques Arnold
Clive Lake Attenborough
Basile Bastounis
Paul Harvey Brown
Richard Compton Browning
John Andrew Caffrey
Christopher Frank Chesworth
Barbara Teresa Ciszewska
Niall Fraser Corrigan
Robert Henry Crouch
Paul Edwards
William Henry Everatt
Vivian Egidio Falzon
Ann Feltham
John Edward Fisk
Horace Clarence Gaskin
Keith Richard Gregersen
Rajinder Kumar Gulati
Syed Mohboob Hasan
Richard Wynspere Herbert
Manuj Maganlal Devjibhai Hinducha
Steven Harold Jaffe
Esme Edward Melville Johnstone
Trevor Gwynne Jones
Christopher Crawford Keen
Reza-Darvishali Koojori
Geoffrey Newton Lane
Frederick Kironde Lule
Sherry Macliver
Alexander John Matthew Mair
Norman David Marks

Jeffrey Michael Maynard
Hugh Dudley James McCahey
Aunali Fidahusein Rashid Moledina
Behrooz Nowbahar
James Vincent O'Connell
Mukaila Alade Oke
Kenneth Croose Parry
Anthony John Raymond Pink
Norman Martin Pitcher
Raymond Charles Potten
Panikos Taki Pourou
Stephen John Raymond Rumsey
Zdzislaw Stanislaw Ruzczynski
Nasrollah Saebi
Dilipkumar Kantilal Shah
Khalid Sharwani
William Richard Spencer
Roger Edward Tallack
Brian Taylor
Ian Thompson
Michael Paul Tuckett
Michael Andrew Verstandig
David Charles Werner
Ismaila Dandago Yaro

Pass

Keith Gordon Bell
Stephen Leonard Boscoe
John Henry Arthur Bradbrook
Andrews Adu Budu
Jalaluddin Aziz Esmail
Louise Foo
Stephen Leslie Gude
Kevin John Parris
Kamal-Nayan Popatlal Ranmal Shah
Israel Dinne Ubani

Aegrotat

Roger Stuart Davey
Elisabeth Anne Faulkner

B.Sc. (Sociology) Final Examination

Honours

Branch I

FIRST CLASS

Sara Lynne Arber

Academic Awards: Degrees

Sandra Clare Newton

SECOND CLASS

Upper Division

Christopher John Beach
Cheong Yuen Tho
Robert John Eardley
Susan Ewens
Ronald Michael Kirby
Robert George Mellors
Doreen Pamela Ranger
Severin Asok Kumar Rupesinghe
Anne Judith Weyman
Andrew Wiggans

SECOND CLASS

Lower Division

Maureen Bridget Coman
Frank Martin Grey
Casimir Scott Iszatt
Margaret Eveline Reynolds
Cara Elizabeth Schofield
Laura Taggart

THIRD CLASS

Maureen Patricia Coughlin
Richard Alvaro Dipple
Christine Paula Gowens
Kararina Eva Krausova
Anthea Mary Pryor
Joseph Henry Sydnor

Pass

John Martin Kelly

Aegrotat

Carol Haylock

Branch III

SECOND CLASS

Upper Division

Andrew Thomas Albon
John Michael Fox
Audrey Gillian Walt

SECOND CLASS

Lower Division

Victoria Olufunmilola Adekoya
Rosemary Arber

Gillian Myfanwy Burke
Peter Cornfield
Winsome Olwen Greenwood
Anne Margaret Noble
Stephen Peak

THIRD CLASS

James Columba Donaghy
Nicolas Edridge Morley Jackson
Clive Edwin Jaques
Robert Charles Scott
Hilda Frances Sopher

B.A. Honours in Sociology

Branch I

SECOND CLASS

Upper Division

John Richard Gresham Mathias
Susan Waddington

SECOND CLASS

Lower Division

Patricia Wendy Westropp Newman
Stephen Thomas Parsons

B.A. Honours in History

SECOND CLASS

Upper Division

Wendy Rosalyn Elliman
Nial Gary Mills
Shusmita Nundy
David Gareth Pryce

SECOND CLASS

Lower Division

Peter Ian Birkett
Patrick Harald Burns
Felicity Jane Elliott
Marie Kathleen Fitzpatrick
Stanley George Mason
Peter Lavington Moore
Judith Mary Oates
Philippa Jane Winkler

Academic Awards: Degrees

LL.B. Final Examination

Honours

SECOND CLASS

Upper Division

Michael Joseph Baynes
John Anthony Broughton
Dennis George Desmond Cassidy
Alun Bayne Cole
John Brook Collins
Annabelle Cyprys
Andrzej Zbigniew Drzemczewski
Richard Granville Fawls
Anil Kumarsingh Gayan
David Laurence Gold
Gareth Ronald Jones
Stephen Keevash
Susan Janet Lazarus
Anne-Ita Leahy
Carol Joan Lilley
Robert David Montague
Antony Organ
Roger James Stewart Sheriff
Richard John Smith
Simon St. John Matthews
Piyada Sucharitkul
Julie Carol Thatcher
Shou Shan Yip

SECOND CLASS

Lower Division

Azmi Bin Abdul Khalid
David Philip Baxendale
Alan James Bertin
Anthony Edward Birtwistle
John Buckley
David Needham Collens
Mary Olwen Corker
Irvin Davidson
Anthony Albert Davis
Ian Allan Ivor Edwards
Richard Alexander Hawes
James Patrick Herlihy
Richard John Jones
Stanley Kirk
Yuen Hoong Kong
Graham John Leather

Raynor Keith Lewis
Stephen Gerard McPeake
Hishamudin Bin Mohammad
Yunus Mohammad
Ricardo Carlos Navarro
Lionel Lewis Palmer
Ian Francis Paton
Martin Barry Richards
Nigel Keith Ross
Ronald Melvin Schindler
Howard John Serr
Adrian Malcolm Simons
Kenneth George Smith
Carol Wayne Stephens
Michael Eric Tabor
Peter David Walsh
Wan Ahmad Hulaimi
Robert Charles Vaughan Webb
Geoffrey Stanley Louis Wynn
Avner Yemini

THIRD CLASS

Ann Catherine Brady
John Davidson
Terence Noel Flynn
Jane Iolanda Harris
Ibrahima Sulayman Baboucar M'Boob
Richard Tait
Nigel Timothy Toft

Pass

Teresa Anna Sempik

B.A. Honours in French and Linguistics

SECOND CLASS

Upper Division

Peter Law Cannings
Mary Catherine Denise Overton

SECOND CLASS

Lower Division

Hilary Jane Branson
Jane Beatrix Revell

B.A. Honours in German and Linguistics

SECOND CLASS

Upper Division

Susan Mary Riley

Academic Awards: Degrees

B.A. Honours in German and French

THIRD CLASS

Gudrun Hildegard Fama

B.A. Honours in Philosophy and Economics

Honours

THIRD CLASS

Jonathan Seymour Cook

B.Sc. in Mathematics 1972

Honours

FIRST CLASS

Howard Jack Rosen

SECOND CLASS

Upper Division

Michael Ian Bate

SECOND CLASS

Lower Division

Jonathan Peter Muller

B.Sc. Main Field Geography

Honours

SECOND CLASS

Upper Division

Paul Ayers
Martin Harvey Bach
Roger John Finch
Alistair Christopher Robson
Robert Louis Symons
Maciej Maria Szczytowski
Susan Trussler

SECOND CLASS

Lower Division

Margaret Elizabeth Arnold
Susan Baigent
Ronald Andrew John Bennet
Harold Anthony Collin
John Fletcher Davies
Michael Edward Gigg
Nigel John Horn

Alan William Lawrie
John Fraser Ockendon
Maurice Brian Pearce
Carl Laurence Pearson
Martin Perrigo

THIRD CLASS

Peter Kilkenny
Michael Spence

Pass

Robert John Coleman

B.Sc. Main Field Social Anthropology

Honours

FIRST CLASS

Christopher Thomas Selwyn

SECOND CLASS

Upper Division

Marian Tandiwe Wheeler Haines
John Carrington Palmer
Lesley Mary Ralphs
Margaret Lynn Warburton
Jane Sarah Joy Winter

SECOND CLASS

Lower Division

June Dawn Church
John George Gordon
Peter Thomas Harding
Mark Richard Hayllar
Anne Render
Caroline Mary Rennie
Janice Webster

THIRD CLASS

William Jude Hewett Halstead
Margaret Charlotte Spencer-Smith

B.Sc. Main Field Social Psychology

Honours

FIRST CLASS

Gisela Szagun

Academic Awards: Degrees

SECOND CLASS

Upper Division

June Linda Clark
Rahele Ariel Judith Cooper
John Kevin Dixon
Windy Dryden
Sarah Elizabeth Paul
Amanda May Rose
Peter Andrew Waugh

SECOND CLASS

Lower Division

Charles Brandis Crockatt
Caroline Patricia Crossley
Joanna Ruth Gilbey
Jack Frederick Krelle
Stephen Frederick Munt

**Higher Degrees Awarded
1971-72**

M.Sc. 1971-72

Alice Rangel de Paiva Abreu
Ralph Peter Allemano
*William Anthony Allen
Moslem Amirgholy
Peter Robert Andrews
Nasser Reza Arghami
John Armstrong
Mohammed Asaduzzaman
Michael John Ashcroft
Shaoul Aslan
Gülnur Ayda
Raphael Kuba Badal
Amihud Barav
Roger Brett Barcant
David Barnes
Ann Virginia Bastian
Alice Sybil Bastos
Ulrich Baumgartner
Elinor Rowena Beaty
Angela Clare Beech
*Anthony Bendell
Michel Bertrand
Malcolm Sydney Terence Bingham
Trevor Denis Blaney

*Mark of Distinction awarded

Margaret Elizabeth Bluck
Jaime Bofill Valdes
Miguel Bolivar Chollett
Marian Elizabeth Bond
David Robert Boniface
Ronald William Botham
Maurice John Bradley
Harriet Grace Bretherton
Amy Beth Bridges
Michael Brody
Angela Clayton Brooks
John Brooks
Andrew Allman Brown
Elizabeth Teresa Browne
Alan Trevor Bull
Valerie Linda Burford
Elizabeth Wendy Burke
Thomas Daniel Burns
Thomas Joseph Butler
William John Byrne
John Willis Frank Candey
José Alberto Magno de Carvalho
Gian Enrico Casartelli
Sergio Rafael Castillo-Costa
Manoranjan Chakrabarti
*Simon Bray Chamberlain
Yong Ching Chang
Michael Albert Chapman
John Peter Chiddick
Thelma Constance Claydon
Brian Arthur Cook
Jeffrey Charles Cooper
Robert James Corlett
Angela Coulthard
Adrienne Phyllis Creanza
Terence Peter Cronin
Amy Windle Crumpacker
David Geoffrey Cumberland
Ronald Clarence Curtis
Patricia Ann Dale
Robert Gerald Dale
Ali Ihsan Dalgic
Paul Alexander Dare
Ann Davis
Alistair James Dawson
Patricia Joy Dell-Ross

Academic Awards: Degrees

Brenda De Mendonca
Antonio Augusto De Mesquita Neto
George de Nemeskeri-Kiss
Alain Charles Desvignes Trevino
José Maria De Zuloaga y Olmedo
Paul Christopher Edward Dodd
Peter James Doiron
Edward Roy Dolby
Brian William Doonar
John Kevin Doyle
Jean Lesley Patricia Drake
Madge Judith Dresser
Robin James Duckitt
Janet Helen Duckworth
Alexandre Patterson Dufresne
Betsy Ross Dworkin
Gayle Lynne Dyckoff
Arthur Lyndon Dye
Elana Ehrlich
Janet Mary Elliott
Frank Thomas Ellis
Ion Paul Englesos
David Evans
David Llewellyn Evans
Robert Wyn Evans
John Evershed
Jacques Faille
David Alan Fairgrieve
Daniel Michael Farrell
*George William Ferris
John Joseph Fischer
David Christopher Fletcher
Hazel Margery Flett
Jacques Fleury
Gillian Margaret Foley
James Stanley Foreman-Peck
Birty Gajameragedara
James William Gallacher
José-Antonio Garcia-Duran de Lara
Adrian Gargett
Colin Richard Garrett
Barry Gault
Randall Richard Geehan
Ralph Joseph Gerson
Sylvia Gibbs
Cynthia Alice Sophie Gifford

*Mark of Distinction awarded

*David Gillingwater
Martin Grant Gilman
Rolf Eric Gooderham
Jean Ann Graham
*George Francis Green
*Nancy Rita Greene
John Davidson Gregory
Robert Kenneth Hall
Charles Malim Victor Harding
Geoffrey Hugh Harper
Michael Hugh Harper
John Geoffrey Harrington
Neil George Harris
William Robert Harrison
Lynda Jill Henderson
John Winton Higgins
Richard Andrew Higgott
Michael Robert Hill
Karim Fatehali Hirji
Gillian Barbara Hofton
David Edward Holland
Michael John Holland
Peter John Holmes
Ashley Sydney Hood
Timothy Forbes Horan
*Xenia Violet Howard-Johnston
Michael Wo Ping Hsu
John James Lyon Hunter
Brian Arthur Hutchinson
John Robert Insley
Ishak bin Shari
Galal-el-din Gad Ismail
*Christopher Clarence Jackman
William Paul Jenkins
Nizar Badrudin Mussa Jetha
Robert Charles Jiggins
Peter Howard Johnson
*Robert Alfred Jones
Michael Patrick Joyce
Anthony Judge
John Chrysostom Kambatoto
Kabagambe
*Robert Earl Kandt
Roger Keely
Henry Francis Kenney
Lucy Howe Keough

Academic Awards: Degrees

Alan Kett
Brian Kettell
Habib Tahvildar Khazaneh
Kathleen Elizabeth Kiernan
Jonathan Leslie Essington King
Ralph Alan King
John Peter Kinkead
John Marcus Givens Kirkaldy
Francis Knox
Jacques Koppel
*Nicholas John Krafft
Peter Jay Kutnick
Bruce Hugh Laidlaw
Charalambos Lambrakis
Elio Lancieri
Gerald Vincent Larkin
Roger Lasko
Loren Neil Lau
Elizabeth Deidre Lees
Susan Ann Levett
Paul Eli Levine
Philip Jackson Levine
David John Levy
Laurence Henry Lewis
*Philippa Lewis
Keith Michael Lievesley
Ling Ming Kee
John James Lively
Glynn William Llewellyn
Paul Jeffrey Lodge
Frank Gunnar Lonnqvist
Beverly Anne Lum
Berthe Ly Bich
*Richard Owen MacDowell
John Stephen MacLean
Dennis John Mahoney
Vassiliki Mantzouranis
David Brian Marsh
Harold Thomas Masterson
Robin Ivor Mawby
Alfred Alan Henry Mayhew
Allan George Mayo
Giuseppe Mazzarino
Shelley Ray Meyers
David Allen Mintz
Geoffrey Richard Monk

*Mark of Distinction awarded

David Emrys Morgan
William Harry Morley
Carol May Moseley
Stergios Mourgos
John David Murphy
*Peter Murrell
Farideh Naficy
*John Christopher Newton
John Francis Nicholls
John Richard Noble
David Ronald Norgrove
James Francis O'Brien
Wilkes Gabriel Odiase
Jarmila Hermelinda Olmedo
Dobrovolny
Christina Beatrix Osner
Stephen Olusegun Olusanya
Karim Pakravan
Bridget Pander
Robert Cochrane Parker
Edward Douglas Parnell
*Deidre Anne Parrinder
Allan Ian Patience
Daniel James Patterson
Jennifer Anne Pell
Sheila Anne Penrose
Lino Perea-Flores
Andrew Pilkington
Enrico Virgilio Pirovano
Stephen David Platt
Ian Frank Plewis
Caroline Margaret Polmear
David Potter
Roger Pownall
Christopher John Pryce
Nadeem Qasir
*Peter Brian Ratcliffe
Keith John Redhead
Richard Remillard
Charles Wesley Reynolds
Dorothy Ellen Richardson
Robert Jeffrey Richardson
David George Richenthal
Colin Jeffrey Roberts
James Andrew Stainton Robertson
Gregor MacKenzie Robinson

Academic Awards: Degrees

Oswaldo Rodriguez
Arthur Larry Ross
James Maurice Rubenstein
David Stuart Russell
Lawrence Steven Sandomirsky
Carol Campbell Saporoff
Kay Sargent
Anthony Saunders
Randall Wayne Scott
Paul Albert Sears
Anup Raichand Karamshi Shah
Saravanamutthu Shanmugamany
Robert Jacob Shapiro
Zaka-ud-din Sheikh
Michael Frederick Shellens
John Beuno Shepherd
Yoel Shperling
Donald Ralph Siddall
Madelyn Cheryl Silver
Randa Simaan
David Hugh Simpson
Jeffrey Carl Simpson
Anoop Singh
Aubrey George Smith
Christopher Roger Smith
Samuel Allen Snook
*Robin Charles Spiller
Jared Bennett Stamell
*Carol Ann Steinfeld
*Robert John Stephens
Abby Stewart
Charles Philip Storch
Susanne Storm
Richard Bruce Straus
*Steven Charles Sugar
Hugh David Sutherland
Anthony Ian Swabe
Robert Dewain Swhier
Robert Howard Sykes
*Jerzy Szroeter
William Edward Tanis
Michael Tappin
Frederick John Taylor
Michael Howard Taylor
Francis John Teal
Joseph Raymond Tiffany

*Mark of Distinction awarded

Nicholas John Tilley
Andrew Ronald Tremayne
Robert Douglas Hilton Twigg
*Terrence Richard Tysoe
Elizabeth Anne Vineberg
Rudolf Jan Vis
Nancy Carol Vraspir
Cheryl Joan Wade
Robert Lloyd Walker
Michael John Waterson
Susan Lintern Webber
Stephen Jay Weinstein
Jeff Alan Weintraub
John Joseph Welch
Miriam Wendorf
Roger Ian Westerman
Brendan James Whelan
Maurice Kirby Collette Wilcox
*Philip John Surtees Wise
Anthony Lawrence Wolf
Royston Laurence Wolfe
Hector Jaime Wolff Isaza
Sheila Woolfson
Herbert Jeffrey Wooller
David Ian Wright
*Jonathan Frederick Wright
Fahrettin Yagci
Helen Elizabeth Young
Melvyn Jack Young
Ali Akbar Zaker-Shahrak

M.A. 1971-72

*Peter Michael Barber
Louise Crête-Bégin
Goeffrey Charles Fidler
Marianne Giniger
Neville Anthony Hughes
*Daniel Maddison James
*Colin Charles Patrick Langton
Mary Anne Mounce
Michael Barry Share
John Robert Stabler
Michael Dean Swasey
Thomas Jeremy Willoughby
Brigitte Zwerger

Academic Awards: Degrees

M.Sc. (Economics) 1971-72
(Old Regulations)

George Edward Roffey

M.Phil. 1971-72

John Richard Bale
Jeffrey Craig Fine
Elliot Mayer Fratkin
Richard Ching Sum Kwan
George Lazaratos
Ian Stanley Lincoln
Carolyn Kilburn McMaster
Stewart Frank Richards
Michael Lewis Sanders
Michael William Smart

LL.M. 1971

Daniel Alef
Tania Aptekman
Edward Roger Arditti
Peter Young Atkinson
Francine Barakett
Alan John Barton
Eli-Yigal Bentovim
Susan Jill Burridge
Barry Eugene Cohen
Roderick Lawrence Denyer
Surjit Singh Dhingra
Robert David Diebolt
James Morgan Driscoll
John Kelvin Ford
Michael John Gough
Patricia Hilary Greenberg
Eke Ahmed Hallway
Richard Isidore Hornung
Peter William Hutchins
Charles Udenze Ilegbune
Robert John Iverach
Lalit Kumar Jayaratnam
Mohammed Hashim Kamali
Dorothy Elizabeth Leek
Richard Walter Lewis
James Paul Lordon
John Keith Lowes
William John McCarroll
Sidney Sandy McMath
John Henderson McNeill

Sydney Russell Reginald Martineau
Keith Mason
David Cooper Gwynne Morgan
Brian Mallory Morris
Mary Jane Mossman
William Charles Nursey
Solomon Akinboye Oretuyi
Michael Joseph Phelps
Richard Byrnell Leathes Prior
Bertie Gangapersaud Ramcharran
Paul Richler
Jacob Rotholtz
Michael Sheridan Ryan
Pedro Jose Saade Lorens
Bharat Bhushan Sawhney
Issa Gulamhusein Shivji
James Boyd Simpson
John Robinson Singleton
William Charles Struyk
Judith Wayne Lee Swan
Andrew David Thomas
William MacKenzie MacKay Thomas
Henry Junius Underwood
Raymond Ivor Wacks
Lawrence Joseph West
Reginald Alan Willoughby

Ph.D. 1971-72

Adrian Adams
Samuel Oseni Adamu (External)
John Towers Addison
David Denis Aldridge
Latif Oladepo Aremu
Arun Kumar Banerji
Christopher Jon Berry
Rajendra Jagmohan Bhansali
Manjulekha Bhattacharyya
David Billis
Roger John Bullen
Joseph Anthony Camilleri
Michael Joseph Cohen
Michael Collins
Pamela Maureen Constantinides
Robert Randolph Copaken
Jeffrey Edward Davies
Geoffrey Herbert Dench
Elizabeth Ann Dutton
Robert Anthony Fenn

Academic Awards: Degrees

James Robert Finucane (External)
John Patrick Fox
Charles Robert Geisst
Mariam Anne Glucksmann
Dionysius Glycopantis
Gary Edwards Gregg
Michael Hill (External)
Larry Gene Hufford
Syed Husin bin Ali
Bernard James
Harold Maurice Alvan Keens-Soper
(External)
Malcolm Donald Knight
Carol Jane Lancaster
John Edwin Lander
Jean Kirk Laux
Peter Loizos
Margaret Louise Marchi
Gerald Mars
Mousa Elias Mazzawi
Louise Helen Margaret Morauta
Alan Charles Osborne
John Charles Pattison
Julian Gavan Pellegrini
Jeanette Pettman
Nicholas Victor Polletta
Donald Theodore Rotunda
Morgan Eugene Cyril Sant
Stephen Benjamin Schecter
Surya Kant Sharma
David Slater
Barry Victor Slutsky
Trevor Taylor
Alberto Valdés
Martin Van Creveld
Jill McCalla Vickers
Neville Herbert Waites
Joseph Charles Whittaker
Robert James Wilson

**Diploma (Awarded by the
University of London) 1972**

Diploma in Anthropology

*Jeffrey David Dworkin

*Mark of Distinction awarded

Martine Gabrielle Graf
Elizabeth Campbell Hain
*Martin John Dudley Hill
Susan Maxine Jacobs

**Diplomas (Awarded by the
School) 1972**

Diploma in Statistics

*Nabil Suleman Ammari
Kunda Changwe Chibale
Shafiq Ahmed Mohamad El-Atoum
Diana Ruth Elbourne
*Inmaculada Gallastegui de
Mendizabal
Hugh Arthur John Kirby
Francisco Carlos Alberto Maglione
Ayla Sönmez Sanatkar
Sedat Sanatkar
Jennifer Stevens
Godwin Ambrose Udofia
*Stanley James Webster

Diploma in Development Administration

PASS
William Enonetere Akpieyi
Santiago Botero Pelaez
Nelson Das Neves Brandao
Lawrence Augustine Elege
Alhaji Lawal Kaita
Muhammed Sani Kangiwa
Mohd. Othman Bin Yeop Abdullah
Efren Ponce-Torrealba
Shamsul Baharin Bin Mat Akas

Aegrotat

Ferda Mehmed

**Diploma in Social Administration for
Graduates**

DISTINCTION

Richard George Barker

Academic Awards: Diplomas

Catherine Stephanie Crowther
Lindsay Ward

PASS

Geoffrey Giles Alltimes
Elizabeth Andrews (née Walters)
Penelope Fulton Barnett
June Linda Berens
Linda Ann Burrows
Magdalen Che
Christopher Lacey Clark
Margaret Mary Connelly
Sandra Adele Coppard
Nicholas Frank Cosin
Elizabeth Mary Cotton
Philippa Anne Curwin
Penelope Jane Dale (née Hunter)
Graham Charles Frederick Driver
Martin Francis Gabriel Earley
Carys Edwards
Maureen Margaret Eggar
Joan Lenore Ensink
Sarah Felicity Evans
Mary Ruth Gardner
Valentina Peggy Gooder
Wendy Dawn Griffiths
David Bernard Halse
Jonathan Simon Head
Christine Elizabeth Mary Henke
Christopher John Heselden
Stephen Hilditch
Cynthia Margaret Hill
Carol Anne Johnson
Ann Keane
Beryl Christine King
Wendy Margaret Markovic
Maureen McAlindon
Bridget Mary McKeigue
Michael Hugh Marriott
Andrew John Mead
Juliet Anne Metcalfe
Cathryn Margaret Middleton
Patricia Mary Milmo
Carolyn Minkes
Penelope Merle Morris
Lesley Anne Moss
Katherine Davina Nairne
John Edward Oley

Myfanwy Parry
Nicholas David Pryor
Joan Mary Rennie
Wendy Christine Rigg
Vatsala Sivasubramanian
Rosemary Jane Stockman
Jennifer Daphne Stoker
Susan Katherine Strasser
Keith Lisle Venables
Gillian Mary Millicent Wagner
Peter Waterson
Charles Basil Woodd
Elizabeth Ann Wormell

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

DISTINCTION

Maureen Byrne
Margaret Allison Peterson

PASS

Pamela Mary Bretherton
Abigail Jane Carmedy
Anna Margaret Chadwick
Cecil George Collier
Josephine Mary Enright
Roger William Gordon
Penelope Graham
Philip Adrian Greenland
Abdelghafour Guennoun
Alan Gunthorpe
Richard John Hallett
Thomas Paul Hammond
Shirley Annette Kean
Jennifer Carol Marquis
Robert Andrew Munro-Ashman
Judith Mary Bruce Orr
Susan Elizabeth Mary Parry Davies
Maureen Partridge
Mary Rabagliati
Nicola Jane Road
Helen Edith Norma Rodgers
Diana Mary Campbell Scarlett
Sandra Margaret Smith
Nerys Wendon Williams
Elizabeth Yorke

Academic Awards: Diplomas

Diploma in Social Work Studies

PASS

Carolyn Joan MacDonald Agnew
Vivienne Sylvia Appleton
Elizabeth Rosina Bagshaw
Christine Margaret Bayliss
Debebe Beyene
Sarah Anne Birks
Barbara Ann Bisley
Christopher Richard Blackwell
Gemma Blech
John Wilson Buga
Susan Jane Bunyan
Anne Margaret Burden
Ann Cleveland
Tony Cole
Gillian Edwina Curwain
Patricia Davies
Sylvia Jane Dimmick
Elizabeth Janet Durkin
Catherine Lindsay Ellis
Helen Margaret Ephraim
Antonia Martindale Fasey
Els Mechtild Footman
Alfhill Elsebeth Forreest
Kathleen Mary Freyhan
Mary Catherine Gandy
Sharon Elizabeth Genasci
Maureen Phyllis Green
Dorothy Harker
Elizabeth Margery Harlow
Paulinus Healy
Anthony James Graham Heath
Julia Holborn
Helen Margaret Holt
Sylvia Margaret Houghton
Robin David Hughes
Jane Elizabeth Hutt
Sonia Evelyn Imberg
Elizabeth Rachel Jeffery
Camilla Mary Johnson
Mary Johnson
Margaret Diane Johnson
Sheila Ann Jones
Christine Ann King
Michael Langley Smith
Susan Elizabeth Lane

Janet Ruth Leggott
Rosemary Agnes Lovelock
Mary Ann Lysaght
Lawrence McCarthy
Julia Mary McConnell
Katherine Mary Elizabeth Marshall
Marilyn Sara Michaels
Artland Augustus Mignott
Stephen Rhobious Gideon Ngubo
Pauline Ngozi Otti
Jennifer Denise Park
David Reginald Perchard
Claire Pitt
Rachael Mary Reeves
Ann Richardson
Jessica Jane Scadding
Jeana Irene May Tipper
David Gerald Walder
Angela Christina Wallace
Elizabeth Scott White
Penelope Ann Williams
Mary Elizabeth Willis
Catriona Yule

Diploma in Applied Social Studies

PASS

Ian Charles Pearce

Diploma in Personnel Management

DISTINCTION

Gillian Frances Hewan

PASS

John Alexander Abraham
Augustina Iyabo Akerele
Theresa Winifred Akuffo
Albert George John Alkins
Dallas Mary Beer
Peter Fraser Campbell
See Chong Francis Chia
Clive Frederick Deverell
Janice Linda Dodd
William Doyle
Lorraine Margaret Gould
Sarita J. Das
Patricia Margaret Ruth Jaques

Academic Awards: Diplomas

Philip Aiston Laporte
Roger William Lucking
David Samuel McHaffie
Renu Mehta
Augustine Nkumbula
Margaret Ruth Philips
Gweneth Joan Porteous

Patricia Anne Rabagliati
Gregory Anthony Smith
Richard Stell
Dorothy Telfer
Rodney Websdell
Roseanne Caroline Wildman
Nicholas Paul Young

Athletic Awards

Steel-Maitland Cup for Men
Andrew Crompton

S. H. Beaver Cricket Captain's Cup
Francis Green

Steel-Maitland Cup for Women
Not awarded

McDuff Cup
Winston Heard-White's Team

Wilson Potter Cup
Samuel Hazley

Gutteridge Tug-of-War Cup
Not awarded

Earnest Cornwall Cup
The Rugby Club

Research

The School has, from its foundation, been a leading centre of research in social studies and has sought to provide good research facilities for members of the teaching staff and for graduate students. Furthermore, in order to preserve the freedom of staff to pursue research in their own way, the aim of the School has been to keep administrative organization concerned with research to a minimum consistent with adequate financial control and flexible enough to allow for the variety of research undertaken and for the rapid changes in the ways in which research is pursued. To this end there is a Research Committee whose terms of reference are as follows:

1. To encourage and facilitate research appropriate to the School as an academic centre of scholarship and teaching in social studies.
2. To keep under general review the research activities of the School and:
 - (a) seek to initiate and to secure means for the development of research
 - (b) receive for assessment all new proposals for research or for extensions of existing research projects which involve commitments of School funds and resources, other than the personal research of members of the staff or research financed from the Staff Research Fund
 - (c) make recommendations to the Director concerning proposed applications by the School or by members of the staff to outside bodies for research funds for which, if granted, the School would be accountable
 - (d) make recommendations to the Director concerning the amount of the allocation to be voted annually to the Staff Research Fund
 - (e) receive annual reports on the use of all research funds and grants for which the School is accountable.

There is a Staff Research Fund Committee which is responsible for advising the Research Committee on the allocation of the Staff Research Fund to research divisions. The Committee also receives reports on research carried out with the aid of the Fund.

The Research Divisions

There are at present seven research divisions, which include most members of the teaching staff. They are:

- (i) the Economics Research Division, which includes the staffs of the departments of Accounting, Economics, Economic History, and Industrial Relations
- (ii) the Geographical and Anthropological Research Division
- (iii) the Government Research Division
- (iv) the International Studies Research Division, which includes the staffs of the departments of International History, International Relations, and Language Studies
- (v) the Legal Research Division
- (vi) the Social Research Division, which includes the staffs of the departments of Social Psychology, Social Science and Administration and of Sociology

Research

- (vii) the Statistics Research Division which includes the staffs of the departments of Statistics, and Philosophy, Logic and Scientific Method.

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

- (a) The Economics Research Division has established a basic staff of research assistants, whose services are available to all members of the Division, and an Economic Documentation and Research Centre where information is collected. To this extent this division may be said to be becoming also a centre of 'subject research'.
- (b) The Statistics Research Division also offers an advisory service to staff and graduate students throughout the School on statistical methods and their application, and maintains a small research library, the Leverhulme Library, for staff use.

The **Computer Unit** has set up a data retrieval scheme for articles published in the principal statistical journals. Any member of the School may obtain from the statistical journals at present in the scheme, details of any articles written by a specified author or containing a given word or group of words in the title. Information about references to or from the articles is also given.

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

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

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. Whilst the prime concern of the Centre lies in the broad field of international studies, special attention is devoted to research and training in Soviet studies, including Russian and East European studies, and the study of International Communism; in Asian studies with special emphasis on development within China, and on China's relations with the outside world; and in European studies where, initially, a major concern is with the pattern of East-West relations, political, economic and cultural, in Europe. The Centre is sponsoring an interdisciplinary M.Sc. in European Studies, an interdisciplinary seminar on European Studies (which focuses on the external relations of the European Community) and, in the Lent and Summer Terms 1973, a public lecture series on the same topic. A seminar is also held on Asia and the Pacific in International Relations, particular attention being given to China's relations with her neighbours and other Great Powers.

Details of the work of earlier years are set out in previous *Calendars*. Although

Research

the Centre is no longer in a position to offer Research Fellowships and Studentships, it appoints up to five Visiting Fellows each year. In 1972-73 four such Fellows were appointed: Mr. J. Cloake (F.C.O.), Professor M. Kosaka (Kyoto University), Dr. N. Rose (Hebrew University) and Professor D. Zagoria (University of New York). Visiting Fellows take part in seminars as well as conducting their own research.

Documentary archives of contemporary international politics are being maintained and may be published. This project is sponsored jointly by the Centre and the International Relations department. The Centre also sponsors a monograph series on International Studies published by the Cambridge University Press.

The work of the Centre is directed by a Steering Committee under the Chairmanship of Professor G. L. Goodwin, consisting of: Professor J. B. Joll, Professor A. H. John, Professor Coral M. Bell, Professor M. Freedman, Professor G. Ionescu, Professor H. G. Johnson, Dr. I. Lapenna, Dr. M. Leifer, Dr. P. H. Lyon, Dr. I. H. Nish, Professor F. S. Northedge, Mr. P. Reddaway, Professor L. B. Schapiro, Mr. G. H. Stern, Professor D. C. Watt, Professor P. J. de la F. Wiles, Mr. P. Windsor.

Centre for Urban Economics

The Centre for Urban Economics was established in September 1970 to undertake research in urban economics. It is part of the Economics department. Contact has been established and will be maintained with members of other departments working on urban problems.

Among its activities has been developing an urban economics option in the M.Sc. in Economics and strengthening the urban economics element in the teaching for the M.Sc. in Regional and Urban Planning Studies. Among its major research areas are: (1) the analysis of trends in employment and unemployment and real income in the London labour market; (2) the formulation and testing of hypotheses on low-paid labour in London; (3) the testing of hypotheses to explain moves from, to, and within public housing and the private rental sector in London; and (4) the evaluation of urban development and redevelopment. Research is also being undertaken on urban transport policies, the development of cost-benefit techniques in planning studies, theoretical work in urban modelling, and local government finance.

The Head of the Centre is C. D. Foster. Among its members and associates are A. D. J. Flowerdew, G. R. J. Richardson, D. H. Metcalf and C. M. E. Whitehead. Senior Research Officer: J. Odling-Smee. Research Officers: C. C. O'Cleireacain (working on a project in conjunction with the Greater London Group), F. Rodriguez.

Greater London Group

The Group was formed in 1958 and consists of about 15 members of the academic staff of the London School of Economics and Political Science from many departments, including Government, Geography, Law, Economics, Social Administration and Transport. It has a small full-time professional staff. The Group was originally formed in order 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

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research into a number of subjects relating to local government in London and the south east region. The Redcliffe Maud Commission on Local Government in England commissioned the Group to carry out an extensive research project on local government in the south east region, and another one on the lessons of the Greater London Reforms. These were published by HMSO in 1968.

The Group has recently completed 2 major research projects. One is an evaluation of the London Government Reforms which was published in 1972 under the title *The New Government of London: The First Five Years* (Weidenfeld & Nicolson). A micro-study was also completed in 1972 of the new system of local government in the London Borough of Camden during the first four years of its coming into force. The author was Enid Wistrich and the study has been published by Camden Borough Council; it is entitled *Local Government Re-organisation: The First Years of Camden*.

Another major research project on the problems of transport and traffic administration in Greater London has been completed and will be published by Allen & Unwin under the title *Transport Organisation in a Great City: The case of London*.

The Group is currently engaged on two major research projects. One is an examination of London's labour market with particular reference to female activity rates, unemployment, low paid workers and their housing needs. The second project is a comparative study of the political process in five London boroughs. The aim is to determine what factors influence the policies and resource allocation of the Councils and the methods by which these matters are determined.

With the exception of the last mentioned study all the previous research of the Group may be described as policy-oriented. It nevertheless has provided much material, both practical and theoretical, for the use of teachers at L.S.E.

The Greater London Group is a closely integrated group and its members meet weekly during term time.

The Group has received grants from the Nuffield Foundation, the Leverhulme Trust, the Social Science Research Council (three grants), the Royal Commission on Local Government, the Ministry of Housing and Local Government, and the City Parochial Foundation.

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

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.

*Public lectures delivered under the auspices of the Group.

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

Books

- London Government and the Welfare Services*, S. K. Ruck, 1963
Municipal Entertainment and the Arts in Greater London, S. K. Ruck, 1965
The Government of London: The Struggle for Reform, G. Rhodes, 1970
The New Government of London: The First Five Years. Ed., G. Rhodes, 1972
Local Government Re-organisation: The First Years of Camden, Enid Wistrich, 1972.

Higher Education Research Unit

The Unit undertakes research on economic and statistical aspects of higher education. Its research relates to methods of educational planning at national level, the relationship between what is provided in higher education and labour force needs, and the costs and operation of institutions of higher education. Part of the Unit's efforts is devoted to educational planning in developing countries.

Current projects include: student numbers and resource allocation in higher education; supply and demand in the labour market for teachers; the role of education in international cross-section production functions; and a study of the findings of the Carnegie Commission on Higher Education from a European viewpoint. Among new studies proposed is one on financial efficiency and innovation in higher education, in particular on the economics of the Open University and its implications. Almost all completed projects result in a major publication. Seventeen books have been published, the most recent being *The Practice of Manpower Forecasting: A Collection of Case Studies and The Returns to Education: An International Comparison*. Manuscripts now in the press include: 'Economic and Social Aspects of the Academic Profession'; 'Costs in Universities and Polytechnics'; 'Demand for Social Scientists'; 'Allocating Resources in Higher Education'; and 'Innovation and Efficiency in Higher Education'.

Journal articles by members of the Unit are issued in the Unit's Reprint Series: fifty to date. A report on the Unit's work from 1964 to 1968 entitled *The First Five Years* was published in July 1969. As well as covering research completed, it describes the Unit's administrative, financial and teaching aspects and outlines future plans. Annual Reports are also available.

Financial support for the Unit has come from the Nuffield Foundation (two grants), the Social Science Research Council (five grants), the Department of Education and Science (five grants), O.E.C.D. (three grants), the Ford Foundation (three grants), the former Ministry of Overseas Development (two grants), the Department of Employment, the former National Board for Prices and Incomes, the National Economic Development Office (three grants), the Carnegie Commission on Higher Education, and the London School of Economics, and now totals some £640,000.

The Director of the Unit is Professor Sir Claus Moser; Associate Director, Mr. G. L. Williams; Deputy Director, Mr. P. R. G. Layard; Research Secretary, Miss J. A. Pinney. There is a full-time research staff of ten. Several members of the teaching staff undertake research in connection with the Unit's programme.

Apart from its research, the Unit has initiated five courses: a workshop and a research seminar in the Economics of Education, held fortnightly throughout

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the session, a lecture course in the Economics of Education and Human Capital (sixteen lectures), a lecture course on Statistical Aspects of Educational Planning (fifteen lectures), and a lecture course on Economic Models of Educational Planning (ten lectures). The students who attend these courses are mainly graduates taking the option in Economics of Education and Human Capital for the M.Sc. in Economics, the Educational Statistics option for the M.Sc. in Statistics, the Educational Administration option for the M.Sc. in Social Administration, or the Manpower Planning option in the M.Sc. in Industrial Relations, as well as research students working in the Unit's field. The Unit also organizes a Seminar in Educational Planning and various informal activities in the economics of education.

Industrial Relations and Work Behaviour Research Unit

This Unit was formed to bring together the research activities of the Industrial Relations department, the Building Management Research Unit and the Diploma in Personnel Management Course of the department of Social Science and Administration. The research of the Unit is under the direction of Professor B. C. Roberts, Baroness Seear and Mr. K. E. Thurley.

Current research includes S.S.R.C. financed projects investigating industrial relations problems of multi-national corporations; the growth of legal services and policy and trade unions and firms; the process of organizational change in large public organizations. Studies of housing maintenance organizations within local and national government and of the costs of strikes are also being carried out.

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 and was established because of a widespread belief that there was a need for a national centre of practical knowledge and experience of the manpower field. It is available to all those working on manpower problems including employing organisations, trade unions, industry and regional bodies, government and governing agencies and other bodies.

The Institute undertakes research, provides advice and information. Current projects cover national, industry and company level studies of employment and manpower. Models of the national labour market are being developed to identify trends. A study of highly qualified manpower is being conducted on behalf of the Department of Employment. For the Distributive Industry Training Board, a survey of manpower in distribution is being carried out. Work at company level includes studies of the identification of management potential, comparative studies of manpower information and the development and implementation of the Institute of Manpower Studies System of Occupational Classification (IMSSOC). Work is also in progress on the development and implementation of a statistical model of company manpower flows.

The Institute's Director is John Lawrence and the Secretary is Klaus Boehm. Annual reports, news letters and lists of publications are available from the Institute.

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Management Studies Research Division

The Management Studies Research Division is concerned with studies at the School germane to management problems, covering such fields as administrative theory, structure and procedures; mathematical and statistical methods applied to decision-making; computer programming and data processing; accounting for management; the economics and finance of public and private enterprises; and industrial relations. Its members are Professor A. S. Douglas, Professor J. Durbin, Professor H. C. Edey (Chairman), Professor B. C. Roberts, Baroness Seear, Professor P. J. O. Self and Professor B. S. Yamey.

Medical Research Council Unit (20 Hanway Place, WIP 0AJ)

The Medical Research Council Unit was established at the School in April 1962 to study problems on the borderline of sociology and medicine. The Unit is undertaking first a large-scale national study of health and development, and second a developmental study of twins.

The work of the National Survey covers four main areas: (a) the educational histories of the 5,000 young people in the sample, more than 600 of whom have entered universities or training colleges. Miss E. Atkins and Mr. M. Lowe are in charge of this part of the study. (b) The employment and vocational training of those who have left school and are not continuing with full-time education. This part of the study is in the hands of Miss N. Cherry, who, with the help of youth employment officers throughout the country is looking at further education and apprenticeships among school leavers, the types of job they have taken, the reason for taking them and the time they have lost from work. (c) The home background, educational record and emotional adjustment of those who come before the Courts. (d) A study of the second-generation families. These last two studies are in the care of Mr. M. E. J. Wadsworth.

Dr. A. Costello and Dr. Margaret Lamont are using a twin sample to study the ways in which the personal characteristics of very young children influence the care they receive. Other developmental studies are being planned which will use, as a sampling frame, an updated register of all pre-school children in the London Borough of Waltham Forest.

The Director of the Unit is Dr. J. W. B. Douglas and the Secretary is Miss E. Pollard.

Population Investigation Committee

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

A major investigation initiated by the Committee has been a 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 in Great Britain. Reports on the study include many papers and three books: *Maternity in Great Britain* by the National Survey Committee; *Children under Five*

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by J. W. B. Douglas and J. M. Blomfield and *The Home and the School* by J. W. B. Douglas.

This study is continuing under the direction of Dr. Douglas through the Unit established by the Medical Research Council in collaboration with the School. Since the establishment of the Unit, several more papers and an additional book (J. W. B. Douglas, J. M. Ross, and H. R. Simpson, *All Our Future*) have been published and further reports are in preparation, including studies of delinquency, and a follow-up of the first born children of the original cohort.

The Committee has also co-operated with the Scottish Council for Research in Education in their follow-up survey of Scottish school children—a survey which has resulted in the publication of several books.

Part of the continuing research of the committee is the study of changes in marriage and divorce in England and Wales over the past hundred years. Several reports have been published. A collection of documentary materials on marriage and divorce has been built up and analysed. The documentary study was complemented by a stratified random sample survey covering a national sample of 3,000 households. This survey, multi-purpose in character, covered not only a number of aspects of marriage, but also detailed questions on fertility and birth control. Many papers have been published dealing in particular with the changing incidence of birth control in Great Britain and also with marriage and marital breakdown.

More recently, the research of the Population Investigation Committee has been concerned especially with questions of current marriage and fertility patterns in Britain. A full-scale enquiry into fertility and birth control practice in Britain was launched in 1967. Papers presenting preliminary results have been published in advance of the completion of a full report. The Committee is also involved in research concerning population questions in developing countries and, at the request of the Government of Mauritius, is helping to evaluate the birth control programme in that country.

In collaboration with the School, the Committee has organized a postgraduate training programme in demography, focused upon developing societies, but also accepting students from developed societies. Since its establishment in 1965, 134 students have been admitted to the programme. New methodological research has been undertaken in connection with the training programme, with the object of providing more effective techniques for detecting and correcting errors in poor basic demographic data. A book embodying the results of this research was published in 1971: *Demographic Estimation for Developing Societies* by N. H. Carrier and J. N. Hobcraft.

In addition, the Committee has long been involved in research into historical demography. One of the major publications resulting from this research is that of T. H. Hollingsworth, *The Demography of the British Peerage*. A monograph on the eighteenth-century population controversy and the development of censuses and vital statistics in Britain is scheduled for publication in 1973.

The Committee has received financial support from many bodies including the following: Department of Scientific and Industrial Research, the Social Science Research Council, the Ford Foundation, the Home Office, the International Planned Parenthood Federation, the Nuffield Foundation, the Simon Population Trust, the Population Council Incorporated of New York and the Rockefeller Foundation.

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The Chairman of the Committee is Professor D. V. Glass; the Hon. Research Secretary is Mr. N. H. Carrier and the General Secretary is Mrs. D. Castle.

Other Aspects of Research

Whilst some research activity is financed from School funds, the greater part of it is supported by public sources of research grants, by research foundations and by benefactions from industry and individuals. Reference to some of this support has been made in the preceding paragraphs about the larger units engaged upon co-operative projects. Earlier benefactions have provided support for a wide range of other research projects, some of them extending over several years.

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

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

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

Computer Services

As members of London University, students and staff of the School have access to the University computer facilities. These comprise the London University CDC 6400, 6600 and 7600 computers at Guilford Street; the IBM 360/65 at University College; the ICL 1904S at Queen Mary College and the CDC 6400 at Imperial College.

The School is directly linked to the CDC 6600 through two card reader/line printer terminals and by means of a number of video terminals. Several teletypes are available to access the computers at Guilford Street, Imperial College and Queen Mary College. In addition, the School shares a CDC 1700 computer at King's College, which is also directly linked to the central 6600.

It is the policy of London University to charge all users who are in receipt of research grants with a financial provision for computing, the direct cost of computer time. All other users have free access to the computer for teaching and academic research purposes, although small charges may be made for the hire of magnetic tapes or discs, and the use of stationery.

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

Publications by Members of the Staff from 1st August 1971 to 31 July 1972

(This list includes some publications that were not available for inclusion in the report for 1970-71).

Accounting

Professor W. T. Baxter

(With N. H. Carrier) 'Depreciation, Replacement Price and Cost of Capital' (*Journal of Accounting Research*, Autumn 1971)

Mr. N. H. Carrier

(With W. T. Baxter) 'Depreciation, Replacement Price and Cost of Capital' (*Journal of Accounting Research*, Autumn 1971)

Mrs. S. F. D. Dev

'Mergers and Shareholders' in J. M. Samuels (Ed.), *Readings on Mergers and Takeovers* (Elek, 1972)
'How Much Does Your Capital Cost?' (*Accountancy Age*, 10 December 1971)

Professor H. C. Edey

'The True and Fair View' (*Accountancy*, August 1971)

Anthropology

Dr. M. E. F. Bloch

'Decision-making in Councils Among the Merina of Madagascar' in A. Richards and A. Kuper (Eds.), *Councils in Action* (Cambridge Papers in Social Anthropology 6) (C.U.P., 1971)
'Why Do Malagasy Cows Speak French?' (*Kung*, the magazine of the L.S.E. Anthropology Society)

Mr. I. F. C. S. Clayre

Yésus ngaen nok yadei' ieh ai (An Anthology of New Testament Passages in Sa'ban) (Bible Societies in Malaysia and Singapore, 1972)
'The Sa'bans Revisited' (*Sarawak Museum Journal*, 1970)
'The Phonemes of Sa'ban, a Language of Highland Sarawak' (*Linguistics*, The Hague, 1972)
'The Spelling of Melanau' (*Sarawak Museum Journal*, March 1972)
'Pukih - The Melanau Sense of Fun' (*Sarawak Gazette*, No. 1367, 1972)
'Punan Ba', Melanau Link with the Ulu Rajang' (*Sarawak Gazette*, No. 1368, 1972)
'The Coffin that Came to Life' (*Sarawak Gazette*, No. 1369, 1972)
'Kinah Kulum - Two Melanau Ghost Stories' (*Sarawak Gazette*, No. 1370, 1972)

Dr. J. P. Cutleiro

A Portuguese Rural Society (Clarendon, 1971)

Mr. J. A. W. Forge

'The People and the Culture' in P. Hastings (Ed.), *Papua New Guinea: Prospero's Other Island* (Angus and Robertson, Sydney, 1971)

Publications

- 'Marriage and Exchange in the Sepik' in R. Needham (Ed.), *Rethinking Kinship and Marriage* (A.S.A. Monographs, No. 11) (Tavistock Publications, 1971)
- 'Tswamung - A Failed Big-man' and 'The Lonely Anthropologist' (reprinted from *New Society*, No. 255, 1967) in S. T. Kimball and J. Watson (Eds.), *Crossing Cultural Boundaries* (Chandler, San Francisco, 1972)
- 'Normative Factors in the Settlement Size of Neolithic Cultivators (New Guinea)' in P. J. Ucko, R. Tringham and G. W. Dimbleby (Eds.), *Man, Settlement and Urbanism* (Duckworth, 1972)

Professor I. M. Lewis

- (Editor) *Man*, Vol. 7, 1972
- (Editor) *History and Social Anthropology* (paperback edn., Tavistock Press, 1970; Spanish edn., *Historia y Anthropologia*, Barcelona, Seix Barral, 1972)
- 'Somalia' in *Africa South of the Sahara* (Europa, 1971)
- 'Spirit Possession in North-East Africa' in Y. F. Hasan (Ed.), *Sudan in Africa*, 1971

Dr. P. Loizos

- 'Cyprus: Exclusion and the Ethnic Factor' (*New Society*, 2 December 1971)
- 'Some Aspects of Pluralism in Cyprus' (*New Community*, Summer 1972)

Mr. J. D. McKnight

- 'Some Problems Concerning the Wik-mungkan' in R. Needham (Ed.), *Rethinking Kinship and Marriage* (Tavistock Publications, 1971)

Dr. H. S. Morris

- 'Minority Groups' in *Encyclopaedia Britannica*, 1971

Professor J. Pitt-Rivers

- (Editor with N. A. MacQuown) *Estudios Chiapanecos: de la Universidad de Chicago* (Instituto Nacional Indigenista, Mexico, January 1972)
- 'Thomas Gage parmi les naguales: conceptions européennes et maya de la sorcellerie' (*L'Homme*, Vol. XI, 1, 1971)
- 'Women and Sanctuary in the Mediterranean' in *Echanges et Communications: Mélanges Offerts à Claude Lévi-Strauss* (Mouton, The Hague, 1971)

Dr. J. C. Woodburn

- 'Ecology, Nomadic Movement and the Composition of the Local Group among Hunters and Gatherers: an East African Example and its Implications' in P. J. Ucko, R. Tringham and G. W. Dimbleby (Eds.), *Man, Settlement and Urbanism* (Duckworth, 1972)
- (With N. A. Barnicot, F. J. Bennett, T. R. E. Pilkington and A. Antonis) 'Blood Pressure and Serum Cholesterol in the Hadza of Tanzania' (*Human Biology*, February 1972)
- 'The Future for Hunting and Gathering Peoples' (*Kung, The Magazine of the L.S.E. Anthropology Society*, 1972)

Publications

Demography

Mr. N. H. Carrier

- (With J. N. Hobcraft) *Demographic Estimation for Developing Societies* (Population Investigation Committee, September 1971)
- (With Goh Thuan-Jig) 'The Validation of Brass's Model Life-Table Systems' (*Population Studies*, March 1972)

Professor D. V. Glass

- (Editor with R. Revelle) *Population and Social Change* (Edward Arnold, July 1972)

Mr. J. Hajnal

- 'European Marriage Patterns in Perspective' in J. Goody (Ed.), *Kinship* (Penguin, 1971)

Mr. J. N. Hobcraft

- (With N. H. Carrier) *Demographic Estimation for Developing Societies* (P.I.C., September 1971)

Mr. C. M. Langford

- (Review article) 'Family Intentions' (*Population Studies*, July 1972)

Economics

Professor P. T. Bauer

- Dissent on Development: Studies and Debates in Development Economics* (Weidenfeld and Nicolson, April 1972)
- 'The Widening Gap' (*Banca Nazionale de Lavoro Quarterly Review*, September 1971)
- (With B. S. Yamey) 'The Economics of the Pearson Report' (*The Journal of Development Studies*, January 1972)
- 'The United Nations and International Development Assistance' in E. Berkeley Tompkins (Ed.), *The United Nations in Perspective* (Hoover Institution Press, 1972)

Professor M. W. Cranston

- (Editor with R. S. Peters) *Hobbes and Rousseau: A Collection of Critical Essays* (Anchor Books, Doubleday; Macmillan, 1972)
- 'St. Thomas Aquinas as a Political Philosopher' in J. V. Downton and D. K. Hart (Eds.), *Perspectives on Political Philosophy* (Holt, Rinehart and Winston, 1971)
- Politics and Ethics* (Inaugural Lecture, L.S.E., Weidenfeld and Nicolson, 1972 and in a shortened form in *Encounter*, June 1972)

Dr. M. J. Desai

- 'Social Science Goes to War: Economic Theory and the Pentagon Papers' (*Survival*, March-April 1972)
- 'Demand for Cotton Textiles in Nineteenth-Century India' (*The Indian Economic and Social History Review*, December, 1972)

Publications

- 'Environment and Underdevelopment' in *Change or Decay: a Symposium on a Blueprint for Survival* (Teilhard Review, May-June 1972)
'Economics v/s Anarchy' (Review article of J. M. Buchanan and N. E. Devletoglou, *Academia in Anarchy*) (*Higher Education Review*, Summer 1970)
'Revolution in Indien' (German translation of 'Vortex in India') (*Probleme des Klassenkampfes*, Sonderheft 3)
'An Econometric Model of the World Tin Economy' reprinted in J. Dutton and W. Starbuck (Eds.), *Computer Simulation of Human Behaviour* (John Wiley, 1971)
'Marxist Economic Theory' (Review article of E. Mandel, *Marxist Economic Theory*) (*The Indian Left Review*, Summer 1971)

Dr. N. E. Devletoglou

- 'Private and Public Enterprise: The Timeless Pillars of Economic Progress' (*The Nigerian Institute of International Affairs*, January 1972)
'Unemployment in Disguise' (*Daily Telegraph*, 8 February 1972)

Mr. A. D. J. Flowerdew

- 'The Cost of Airport Noise' (*The Statistician*, March 1972)

Mr. L. P. Foldes

- 'Some Comments on the Theory of Monopoly' in M. H. Peston and B. A. Corry (Eds.), *Essays in Honour of Lord Robbins* (Weidenfeld and Nicolson, 1972)

Mr. C. D. Foster

- 'Public Finance Aspects of National Settlement Patterns' (*Urban Studies*, February 1972)
Politics, Finance and the Role of Economics (Allen and Unwin, 1972)
Public Enterprise (Fabian Research Series No. 300, April 1972)
'Memorandum on Some Effects of the Present Department of the Environment System of Infrastructure and Related Grants on the Development of Urban Transport' (House of Commons Expenditure Committee, Environment and Home Office Sub-Committee, *Minutes of Evidence 19 April 1972*, H.M.S.O., 1972)

Dr. S. Gomulka

- Inventive Activity, Diffusion, and the Stages of Economic Growth* (Aarhus University, October 1971)

Dr. D. E. Goodman

- (With R. Cavalcanti) *A Industrializacao do Nordeste, Volume I - A Economia Regional* (Research Report No. 6, Ministry of Planning, Brazil, December 1971)
(With R. Cavalcanti and J. F. Sena) 'Os Incentivos Financeiros à Industrializacao do Nordeste e a Escolha de Tecnologias' (*Pesquisa e Planejamento*, December 1971)
'Industrial Development in the Brazilian Northeast: An Interim Assessment of the Tax Credit Scheme of Article 34/18' in R. J. A. Roett (Ed.), *Brazil in the Sixties* (Vanderbilt University Press, June 1972)

Publications

Mr. J. R. Gould

- 'On Investment Criteria for Mutually Exclusive Projects' (*Economica*, February 1972)

Miss D. J. Hamway

- (With T. E. Josling) 'Distribution of Costs and Benefits of Farm Policy' in *Burdens and Benefits of Farm-Support Policies* (Trade Policy Research Centre, March 1972)

Dr. D. F. Hendry

- 'Maximum Likelihood Estimation of Systems of Simultaneous Regression Equations with Errors Generated by a Vector Autoregressive Process' (*International Economic Review*, June 1971)
(With P. K. Trivedi) 'Maximum Likelihood Estimation of Difference Equations with Moving Average Errors: a Simulation Study' (*Review of Economic Studies*, April 1972)

Dr. B. V. Hindley

- 'The UNCTAD Agreement on Preferences' (*Journal of World Trade Law*, November-December 1971)
The British Position on Non-Tariff Protection (Thames Essay No. 4: Trade Policy Research, July 1972)

Professor H. G. Johnson

- The Two-Sector Model of General Equilibrium* (Allen and Unwin, 1971)
Macroeconomics and Monetary Theory (Gray-Mills, 1972)
Inflation and the Monetarist Controversy (North-Holland Publishing Company, 1972)
(Editor with A. R. Nobay) *The Current Inflation* (Macmillan, 1971)
(Chairman of Editorial Board) *Readings in British Monetary Economics* (Clarendon Press, 1972)
'A Word to the Third World' (*Encounter*, October 1971)
'The Special Economic Relationship Between the U.S. and Canada' (*United States International Economic Policy in an Interdependent World*) (Commission on International Trade and Investment Policy, Compendium of Papers, Vol. II, 1971, Washington, D.C.)
'Inflation: A Monetarist View' (*Journal of World Trade Law*, January-February 1972)
'Comments on Senator Grosart's Paper' (*Minerva*, October 1971)
'Harking Back to Radcliffe' (*The Bankers' Magazine*, September 1971)
(With R. A. Cocks) 'A Note on Dumping and Social Welfare' (*The Canadian Journal of Economics*, February 1972)
'The Alternatives Before Us' (*The Journal of Political Economy*, May-June 1972)
'Problems of Stabilization Policy in an Integrated World Economy' in H. Giersch (Ed.), *Demand Management: Globalsteuerung* (J. C. B. Mohr, Tubingen, 1972)
'Some Economic Aspects of Science' (*Minerva*, January 1972)
'Uncertainty and Probability in International Economics' in C. F. Carter and J. L. Ford (Eds.), *Uncertainty and Expectations in Economics* (Blackwell, 1972)
'Notes on the Pattern of Interest Rates' (*Osaka Economic Papers*)

Publications

- 'Trade and Growth: A Correction' (*The Journal of International Economics*, February 1972)
'Crisis 1971: On the Cards Since 1958' (*Money Management*, November-December 1971)
'The Panamanian Monetary System' (*Euromoney*, January 1972)
'The Early Economics of Keynes' (*Osaka Economic Papers*, March 1972; *The American Economic Review*, May 1972)
'The Logical Fallacies of an Incomes Policy' (*Euromoney*, June 1972)

Dr. T. E. Josling

- Agriculture and Britain's Trade Policy Dilemma* (Trade Policy Research Centre, 1970)
'Implications of E.E.C. Policies for Atlantic Agricultural Trade' in *Problems and Prospects in Atlantic and Continental Agricultural Trade* (University of Guelph, 1970)
'Monetary Integration and the Common Agricultural Policy' in *European Monetary Integration* (Federal Trust 1972)
'The Agricultural Burden: A Reappraisal' in *The Economics of Europe* (Charles Knight, 1971)
(With J. Ferris) 'The Impact on U.S. Agricultural Trade of the Accession of the United Kingdom, Ireland, Denmark and Norway to the European Economic Community' (*Institute of International Agriculture Research Report No. 11*, Michigan State University, 1971)
'Agricultural Policy in a Period of Change' in *Burdens and Benefits of Farm-Support Policies* (Trade Policy Research Centre, 1972)
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| | Session 1968-69 | Session 1969-70 | Session 1970-71 | Session 1971-72 | Session 1972-73 |
|------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| REGULAR STUDENTS | | | | | |
| Full-time | | | | | |
| First Degree | 1596 | 1486 | 1532 | 1584 | 1573 |
| First Diploma | 60 | 74 | 79 | 68 | 62 |
| Higher Degree | 1149 | 1152 | 1371 | 977 | 1027 |
| Higher Diploma and Certificate | 187 | 184 | 204 | 199 | 203 |
| Research Fee | 84 | 78 | 78 | 76 | 75 |
| Other Regular | 89 | 69 | 78 | 99 | 71 |
| TOTAL OF FULL-TIME STUDENTS | | | | 3003 | 3011 |
| Part-time | | | | | |
| First Degree | | | | 1 | |
| Higher Degree | | | | 410 | 417 |
| Higher Diploma and Certificate | | | | 0 | 1 |
| Research Fee | | | | 6 | 7 |
| Other Regular | | | | 0 | 0 |
| TOTAL PART-TIME STUDENTS | | | | 417 | 425 |
| TOTAL OF REGULAR STUDENTS | 3165 | 3043 | 3342 | 3420 | 3436 |
| OCCASIONAL STUDENTS | 207 | 232 | 221 | 230 | 247 |
| GRAND TOTAL | 3372 | 3275 | 3563 | 3650 | 3683 |

NOTE Before 1971-72 full-time and part-time regular students were grouped together.

Analysis of Overseas Students, 1968-73

| | Session 1968-69 | Session 1969-70 | Session 1970-71 | Session 1971-72 | Session 1972-73 |
|--------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| REGULAR STUDENTS | | | | | |
| First Degree | 149 | 174 | 257 | 267 | 264 |
| First Diploma | 9 | 2 | 4 | 0 | 0 |
| Higher Degree | 450 | 443 | 629 | 649 | 704 |
| Higher Diploma and Certificate | 50 | 98 | 46 | 46 | 53 |
| Research Fee | 72 | 17 | 74 | 75 | 76 |
| Other Regular | 69 | 70 | 77 | 82 | 53 |
| OCCASIONAL STUDENTS | 71 | 54 | 62 | 63 | 50 |
| TOTAL | 870 | 858 | 1149 | 1182 | 1200 |

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Analysis of Regular and Occasional Students, 1971-73

| REGULAR STUDENTS | SESSION 1971-72 | | | | SESSION 1972-73 | | | | | | |
|-------------------------------|--------------------|-------|--------------------|-------|--------------------|-------|--------------------|-------|-----|----|-----|
| | Full-Time Students | | Part-time Students | | Full-time Students | | Part-time Students | | | | |
| | Men | Women | Men | Women | Men | Women | Men | Women | | | |
| B.Sc. (Economics) | | | | | | | | | | | |
| 1st year | 249 | 83 | 332 | 1 | 249 | 83 | 332 | 1 | 249 | 83 | 332 |
| 2nd year | 242 | 60 | 302 | | 242 | 60 | 302 | | 242 | 60 | 302 |
| 3rd year | 234 | 61 | 295 | | 234 | 61 | 295 | | 234 | 61 | 295 |
| 4th year | | | | | | | | | | | |
| B.Sc. Degree: Geography | | | | | | | | | | | |
| 1st year | 18 | 13 | 31 | | 18 | 13 | 31 | | 18 | 13 | 31 |
| 2nd year | 17 | 6 | 23 | | 17 | 6 | 23 | | 17 | 6 | 23 |
| 3rd year | 20 | 3 | 23 | | 20 | 3 | 23 | | 20 | 3 | 23 |
| Mathematics | | | | | | | | | | | |
| 1st year | 7 | 2 | 9 | | 7 | 2 | 9 | | 7 | 2 | 9 |
| 2nd year | | | | | | | | | | | |
| Social Anthropology | | | | | | | | | | | |
| 1st year | 8 | 12 | 20 | | 8 | 12 | 20 | | 8 | 12 | 20 |
| 2nd year | 9 | 7 | 16 | | 9 | 7 | 16 | | 9 | 7 | 16 |
| 3rd year | 6 | 9 | 15 | | 6 | 9 | 15 | | 6 | 9 | 15 |
| Social Psychology | | | | | | | | | | | |
| 1st year | 5 | 11 | 16 | | 5 | 11 | 16 | | 5 | 11 | 16 |
| 2nd year | 5 | 13 | 18 | | 5 | 13 | 18 | | 5 | 13 | 18 |
| 3rd year | 6 | 7 | 13 | | 6 | 7 | 13 | | 6 | 7 | 13 |
| Sociology | | | | | | | | | | | |
| 1st year | 12 | 19 | 31 | | 12 | 19 | 31 | | 12 | 19 | 31 |
| 2nd year | | | | | | | | | | | |
| B.A. History | | | | | | | | | | | |
| 1st year | 7 | 12 | 19 | | 7 | 12 | 19 | | 7 | 12 | 19 |
| 2nd year | 10 | 7 | 17 | | 10 | 7 | 17 | | 10 | 7 | 17 |
| 3rd year | 7 | 6 | 13 | | 7 | 6 | 13 | | 7 | 6 | 13 |
| B.A. Philosophy and Economics | | | | | | | | | | | |
| 3rd year | 1 | | 1 | | 1 | | 1 | | 1 | | 1 |

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Analysis of Regular and Occasional Students, 1971-73 (continued)

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| REGULAR STUDENTS | SESSION 1972-73 | | | | | SESSION 1971-72 | | | | | Grand Total | |
|-------------------------------|--------------------|-------|-------|--------------------|-------|-----------------|--------------------|-------|-------|--------------------|-------------|-------|
| | Full-time Students | | | Part-time Students | | Grand Total | Full-time Students | | | Part-time Students | | |
| | Men | Women | Total | Men | Women | | Men | Women | Total | Men | | Women |
| B.A. Linguistics/Anthropology | | | | | | | | | | | | |
| 1st year | | | | | | | | | | | | |
| 2nd year | | 1 | 1 | | | | 1 | 1 | | | | |
| B.A. French/Linguistics | | | | | | | | | | | | |
| 1st year | | 8 | 8 | | | | 1 | 6 | 7 | | | |
| 2nd year | 1 | 4 | 5 | | | | 2 | 8 | 10 | | | |
| 3rd year (abroad) | 2 | 7 | 9 | | | | 3 | 5 | 8 | | | |
| 4th year | 3 | 5 | 8 | | | | 1 | 4 | 5 | | | |
| B.A. German/Linguistics | | | | | | | | | | | | |
| 1st year | | | | | | | 2 | 5 | 7 | | | |
| 2nd year | 1 | 4 | 5 | | | | 1 | 1 | 2 | | | |
| 3rd year (abroad) | | 1 | 1 | | | | | 2 | 2 | | | |
| 4th year | | 2 | 2 | | | | 1 | 2 | 3 | | | |
| B.A. French/German | | | | | | | | | | | | |
| 1st year | 1 | | 1 | | | | 4 | 2 | 6 | | | |
| 2nd year | 3 | 1 | 4 | | | | | 2 | 2 | | | |
| 3rd year (abroad) | 1 | 2 | 3 | | | | | 1 | 1 | | | |
| 4th year | | 1 | 1 | | | | | 1 | 1 | | | |
| B.A. French/Spanish | | | | | | | | | | | | |
| 1st year | | 1 | 1 | | | | | 1 | 1 | | | |
| 2nd year | | 2 | 2 | | | | | | | | | |
| 3rd year (abroad) | | | | | | | | 1 | 1 | | | |
| 4th year | | 1 | 1 | | | | | | | | | |
| B.A. German/Russian | | | | | | | | | | | | |
| 2nd year | | | | | | | | 2 | 2 | | | |
| 3rd year (abroad) | | 1 | 1 | | | | | | | | | |
| 4th year | | 1 | 1 | | | | | | | | | |
| B.A. French/Russian | | | | | | | | | | | | |
| 1st year | | | | | | | | 1 | 1 | | | |
| 2nd year | | 1 | 1 | | | | | 1 | 1 | | | |
| 3rd year (abroad) | | 1 | 1 | | | | | | | | | |
| LL.B. | | | | | | | | | | | | |
| 1st year | 39 | 29 | 68 | | | | 52 | 16 | 68 | | | |
| 2nd year | 42 | 15 | 57 | | | | 40 | 16 | 56 | | | |
| 3rd year | 40 | 17 | 57 | | | | 53 | 12 | 65 | | | |
| | | | 182 | | | 182 | | | 189 | | | 189 |

Analysis of Regular and Occasional Students, 1971-73 (continued)

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| REGULAR STUDENTS | SESSION 1972-73 | | | | | SESSION 1971-72 | | | | | Grand Total | |
|---------------------------------------|--------------------|-------|-------|--------------------|-------|-----------------|--------------------|-------|-------|--------------------|-------------|-------|
| | Full-time Students | | | Part-time Students | | Grand Total | Full-time Students | | | Part-time Students | | |
| | Men | Women | Total | Men | Women | | Men | Women | Total | Men | | Women |
| B.Sc. Mathematics | | | | | | | | | | | | |
| 2nd year | | | | | | | 7 | 4 | 7 | | | |
| 3rd year | | | | | | | | | | | | |
| B.A. (Sociology) | | | | | | | | | | | | |
| 1st year | | | | | | | 1 | 5 | *6 | | | |
| 2nd year | 1 | 5 | 6 | | | | 5 | 7 | 12 | | | |
| 3rd year | 3 | 7 | 10 | | | | 3 | 3 | 6 | | | |
| B.Sc. (Sociology) | | | | | | | | | | | | |
| 1st year | | | | | | | 2 | 14 | *16 | | | |
| 2nd year | 3 | 16 | 19 | | | | 18 | 28 | 46 | | | |
| 3rd year | 16 | 27 | 43 | | | | 19 | 25 | 44 | | | |
| B.Sc. Social Science & Administration | | | | | | | | | | | | |
| 1st year | 7 | 16 | 23 | | | | | | | | | |
| M.Sc. | | | | | | | | | | | | |
| 1st year | 320 | 94 | 414 | 47 | 6 | 53 | 269 | 121 | 390 | 36 | 9 | 45 |
| 2nd and subsequent years | 35 | 17 | 52 | 20 | 7 | 27 | 45 | 7 | 52 | 43 | 8 | 51 |
| Ph.D. | | | | | | | | | | | | |
| 1st year | 5 | 1 | 6 | 2 | 1 | 3 | 11 | 1 | 12 | 6 | | 6 |
| 2nd and subsequent years | 146 | 30 | 176 | 80 | 19 | 99 | 124 | 27 | 151 | 66 | 21 | 87 |
| M.Phil. | | | | | | | | | | | | |
| 1st year | 125 | 46 | 171 | 50 | 13 | 63 | 155 | 29 | 184 | 58 | 13 | 71 |
| 2nd and subsequent years | 93 | 31 | 124 | 121 | 32 | 153 | 77 | 33 | 110 | 97 | 40 | 137 |
| LL.M. | | | | | | | | | | | | |
| 1st year | 52 | 9 | 61 | 9 | 3 | 12 | 50 | 8 | 58 | 7 | | 7 |
| 2nd and subsequent years | 2 | | 2 | 7 | | 7 | | 2 | 2 | 4 | 1 | 5 |
| M.A. | | | | | | | | | | | | |
| 1st year | 14 | 6 | 20 | | | | 16 | 2 | 18 | | | 1 |
| 2nd and subsequent years | 1 | | 1 | | | | | | | 1 | | 1 |
| Research Fee | | | | | | | | | | | | |
| 1st year | 52 | 12 | 64 | 2 | 3 | 5 | 56 | 14 | 70 | 4 | 1 | 5 |
| 2nd and subsequent years | 9 | 2 | 11 | 2 | | 2 | 6 | | 6 | | 1 | 1 |
| | | | 75 | | | 7 | 82 | | 76 | | | 6 |
| | | | 1027 | | | 417 | 1444 | | 977 | | | 410 |
| | | | | | | | | | | | | 1387 |

*These figures relate to Branch III of the degrees. There were no admissions to Branch I in 1971—see the entry under Sociology in the B.Sc. degree.

124 Analysis of Regular and Occasional Students, 1971-73 (continued)

| REGULAR STUDENTS | SESSION 1972-73 | | | | | | SESSION 1971-72 | | | | | | | |
|--|--------------------|------------|-------------|--------------------|------------|------------|-----------------|--------------------|------------|-------------|--------------------|------------|------------|-------------|
| | 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 | |
| University Academic Postgraduate Diploma: Anthropology | | | | | | | | | | | | | | |
| 1st year | 2 | 3 | 5 | | | | | | | | | | | |
| 2nd and subsequent years | 1 | 3 | 4 | | | | 9 | 3 | 4 | 7 | | | 14 | |
| Diplomas Awarded by the School: Diploma in Social Work Studies | 12 | 53 | 65 | | | | 65 | 12 | 56 | 68 | | | 68 | |
| Diploma in Development Administration | 19 | 2 | 21 | | | | 21 | 9 | | 9 | | | 9 | |
| Diploma in Personnel Management | 16 | 9 | 25 | | | | 25 | 12 | 15 | 27 | | | 27 | |
| Diploma in Social Administration | | | | | | | | | | | | | | |
| 1 year course | 26 | 38 | 64 | | | | 64 | 17 | 46 | 63 | | | 63 | |
| 2 year course | | | | | | | | | | | | | | |
| 1st year | 9 | 19 | 28 | | | | 62 | 13 | 24 | 37 | | | 68 | |
| 2nd year | 21 | 13 | 34 | | | | 62 | 9 | 22 | 31 | | | 68 | 131 |
| Diploma in Statistics | | | | | | | | | | | | | | |
| 1st year | 9 | 9 | 18 | | | | 19 | 12 | 6 | 18 | | | 18 | 18 |
| 2nd year | 1 | | 1 | 1 | | 1 | 20 | | | | | | | |
| General Course | 35 | 18 | 53 | | | | 53 | 53 | 27 | 80 | | | 80 | |
| Overseas Course | 1 | | 1 | | | | 1 | 1 | | 1 | | | 1 | |
| Trade Union Studies | 12 | 5 | 17 | | | | 17 | 17 | 1 | 18 | | | 18 | |
| TOTAL OF REGULAR STUDENTS | 2054 | 957 | 3011 | 340 | 85 | 425 | 3436 | 2051 | 952 | 3003 | | | 417 | 3420 |
| OCCASIONAL STUDENTS | | | | 198 | 49 | 247 | 247 | | | | 176 | 54 | 230 | 230 |
| GRAND TOTAL | 2054 | 957 | 3011 | 538 | 134 | 672 | 3683 | 2051 | 952 | 3003 | 499 | 148 | 647 | 3650 |

Analysis of Overseas¹ Students in Attendance at the London School of Economics during the Sessions 1968-73

| | 1968-69 | | 1969-70 | | 1970-71 | | 1971-72 | | 1972-73 | |
|-----------------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
| Balkan States | 4 | (4) | 2 | (2) | 2 | (1) | 3 | (3) | 3 | (3) |
| Cyprus ² | | | | | | | | | 18 | (18) |
| France | 7 | (4) | 3 | (2) | 9 | (7) | 11 | (7) | 10 | (8) |
| Germany | 25 | (24) | 20 | (19) | 26 | (24) | 25 | (21) | 26 | (26) |
| Greece | 30 | (29) | 34 | (33) | 42 | (39) | 37 | (35) | 57 | (56) |
| Holland | 2 | (2) | 3 | (3) | 4 | (4) | 2 | (2) | 8 | (8) |
| Italy | 11 | (8) | 10 | (8) | 16 | (15) | 23 | (21) | 14 | (12) |
| Poland | 1 | (1) | 5 | (5) | 7 | (7) | 5 | (5) | 9 | (9) |
| Russia | 3 | (3) | 1 | (1) | | | 3 | (3) | | |
| Scandinavia | 18 | (14) | 16 | (12) | 15 | (12) | 22 | (18) | 27 | (23) |
| Switzerland | 2 | (2) | 4 | (2) | 6 | (6) | 6 | (6) | 5 | (4) |
| Others | 44 | (39) | 41 | (41) | 55 | (48) | 53 | (49) | 44 | (43) |
| <i>Total Europe</i> | <i>147</i> | <i>(130)</i> | <i>139</i> | <i>(128)</i> | <i>182</i> | <i>(163)</i> | <i>190</i> | <i>(170)</i> | <i>221</i> | <i>(210)</i> |
| Bangladesh | | | | | | | 5 | (5) | 5 | (5) |
| Burma | | | | | 1 | (1) | 1 | (1) | 1 | (1) |
| China | 1 | (1) | 1 | (1) | 2 | (2) | 3 | (1) | | |
| India | 30 | (28) | 29 | (28) | 34 | (33) | 31 | (31) | 35 | (35) |
| Iran ³ | | | | | 38 | (38) | 38 | (38) | 34 | (33) |
| Israel | 16 | (14) | 17 | (17) | 25 | (24) | 5 | (1) | | |
| Japan | 17 | (12) | 12 | (9) | 16 | (12) | 16 | (15) | 21 | (19) |
| Malaysia | 26 | (26) | 33 | (33) | 50 | (50) | 44 | (44) | 48 | (48) |
| Pakistan | 26 | (26) | 33 | (30) | 53 | (53) | 51 | (51) | 52 | (51) |
| Singapore | 6 | (6) | 5 | (5) | 5 | (5) | 12 | (12) | 18 | (18) |
| Sri Lanka | 6 | (5) | 18 | (18) | 13 | (13) | 10 | (10) | 13 | (13) |
| Thailand ² | | | | | 13 | (13) | 5 | (5) | 10 | (9) |
| Turkey | 14 | (12) | 16 | (16) | 21 | (19) | 15 | (15) | 18 | (15) |

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 1968-73 (continued)

| | 1968-69 | | 1969-70 | | 1970-71 | | 1971-72 | | 1972-73 | |
|----------------------------|------------|--------------|------------|--------------|-------------|---------------|-------------|---------------|-------------|---------------|
| Others | 42 | (38) | 52 | (50) | 33 | (29) | 59 | (57) | 80 | (78) |
| <i>Total Asia</i> | 184 | (168) | 216 | (207) | 304 | (292) | 295 | (286) | 335 | (325) |
| Ghana | 15 | (15) | 6 | (6) | 8 | (8) | 9 | (9) | 8 | (8) |
| Kenya ¹ | — | — | — | — | 13 | (13) | 17 | (17) | 11 | (11) |
| Nigeria | 20 | (20) | 16 | (16) | 26 | (26) | 35 | (35) | 34 | (34) |
| Rhodesia | 9 | (9) | 4 | (4) | 5 | (5) | 8 | (8) | 7 | (7) |
| South Africa | 16 | (15) | 14 | (14) | 13 | (13) | 10 | (10) | 11 | (10) |
| Others | 34 | (34) | 48 | (47) | 45 | (45) | 39 | (39) | 31 | (30) |
| <i>Total Africa</i> | 94 | (93) | 88 | (87) | 110 | (110) | 118 | (118) | 102 | (100) |
| Canada | 112 | (106) | 121 | (116) | 170 | (169) | 176 | (169) | 158 | (154) |
| United States | 244 | (226) | 213 | (200) | 266 | (254) | 290 | (274) | 257 | (245) |
| Others | 9 | (6) | 5 | (5) | 12 | (12) | 13 | (9) | 10 | (9) |
| <i>Total North America</i> | 365 | (338) | 339 | (321) | 448 | (435) | 479 | (452) | 425 | (408) |
| <i>West Indies</i> | 15 | (15) | 13 | (13) | 13 | (13) | 12 | (12) | 9 | (9) |
| <i>Central America</i> | 4 | (4) | 4 | (4) | 9 | (6) | 11 | (11) | 13 | (10) |
| <i>South America</i> | 31 | (23) | 27 | (19) | 50 | (38) | 43 | (39) | 46 | (41) |
| Australia | 20 | (18) | 17 | (16) | 23 | (20) | 24 | (22) | 38 | (37) |
| New Zealand | 9 | (9) | 12 | (10) | 10 | (10) | 10 | (9) | 9 | (8) |
| Others | — | — | 1 | (—) | — | (—) | — | (—) | — | (—) |
| <i>Total Oceania</i> | 29 | (27) | 30 | (26) | 33 | (30) | 34 | (31) | 47 | (45) |
| Total | 869 | (798) | 856 | (802) | 1149 | (1087) | 1182 | (1119) | 1198 | (1148) |

The figures in brackets denote the number of Regular Students

The United Arab Republic is now included in Africa: Others

¹Previously included in Africa: Others

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. The cost, post free, is 27p within the United Kingdom and the Republic of Ireland; 60p within Europe; 85p elsewhere. Completed application forms must be returned to the U.C.C.A. and not to the School. The School's code number is **L LSE 44**.

An overseas student should normally submit his form to the U.C.C.A. through one of the recognised agencies, such as the Overseas Development Administration or his own country's High Commissioner's Office, Students' Office, Embassy or Consulate General in the United Kingdom. Students from Australia, Canada, New Zealand, South Africa, the Republic of Ireland and the United States of America, and citizens of the U.K. and colonies resident in East Africa should submit their applications direct to the U.C.C.A. 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 1974 is 1 September 1973. The closing date for the receipt of applications at the U.C.C.A. is 15 December 1973, except for students who include Oxford or Cambridge in their choice of universities, who must submit their applications by 15 October 1973. 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 of Students

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.
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. Higher or Lower passes in the Scottish Certificate of Education examination are accepted as equivalent to Ordinary level subjects in the G.C.E. examination. Advanced level equivalence is granted to certain subjects passed in the Certificate of Sixth-year Studies, and passes in certain branches of mathematics in the post-higher syllabus may count as equivalent to Advanced level subjects;
- 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, or the Ordinary National Diploma or Certificate.

Full Details of the entrance requirements will be found in the pamphlet *Regulations Relating to University Entrance Requirements*, 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 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 eighteenth birthday may be asked to write to state his reasons.

Admission of Students

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 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 before their applications can be considered.

Candidates from overseas, whether living abroad or in the United Kingdom at the time they make application, will be required, before they are accepted, to show that they have adequate financial resources to cover the cost of the three-year full-time course of study for a first degree. They will be asked to provide a guarantee that they have available at least £700 a year 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 129-31 candidates must satisfy the course requirements for the degree they wish to take.

| Course and Course Requirements | Description of Course Page |
|---|-------------------------------------|
| B.Sc. Economics | 174-92 |
| 'O' level pass in Mathematics expected | |
| LL.B. | 232-4 |
| No course requirement | |
| B.Sc. Degree | |
| 'O' level pass in Mathematics expected for: | |
| Geography | 210-6 |
| Social Anthropology | 223-4 |
| Social Psychology | 225-7 |
| Sociology | 227-30 |
| 'A' level pass in Mathematics (or its equivalent if taken under an Examination Board other than London) expected for: | |
| Mathematics/Philosophy | 222-3 |
| Mathematics/Statistics/Computing | 219-22 |
| B.Sc. Social Science and Administration | 230-2 |
| 'O' level pass in Mathematics expected | |
| B.A. History | 235-9 |
| 'O' level pass in a foreign language, modern or classical, required. | |
| 'A' level pass in History and 'O' level pass in another foreign language (modern, if required language is classical) expected | |
| B.A. Language Studies | 239-43 |
| French/Linguistics | |
| 'A' level pass in French and 'O' level pass in a second foreign language required | |
| German/Linguistics | |
| 'A' level pass in German and 'O' level pass in a second foreign language required | |
| Russian/Linguistics | |
| 'A' level pass in Russian required | |
| B.A. in Two Modern Languages | 243 |
| French/Russian | |
| 'A' level pass in French and 'A' level pass (exceptionally 'O') in Russian required | |

Admission of Students

Course and Course Requirements

- French/Spanish
'A' level passes in French and Spanish and 'O' level pass in Latin required
- German/Russian
'A' level pass in German and 'A' level pass (exceptionally 'O') in Russian required
- German/Spanish
'A' level passes in German and Spanish required

Occasional Students

Occasional students are entitled to elect up to three lecture courses per term from those listed in the Student Timetable. They are normally permitted to enrol for a complete course or for a whole term's registration for single lectures in permitted classes and seminars are not normally open to Occasional students.

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 145 and 267).
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 strictly limited. Only students who propose to spend one whole session at the School will ordinarily be considered.
4. (a) The Adviser 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 not more than two examination papers in subjects of his own choosing. The results of any examinations are added to the registration certificate.
(c) A tutor's confidential report will also be made available, on request, to the student's home university.

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

6. Application forms for General Course registration may be obtained from the Assistant Registrar (Admissions) of the School. Completed applications must reach the School not later than 31 March before the opening of the session for which admission is sought.

Occasional Students

1. Occasional students are entitled to 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.

Admission of Students

The fee for most courses is 50p 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. Each applicant will be asked to state his qualifications for study at the School and the purpose for which he wishes to study, and he may be invited to attend for interview before admission. In view of pressure on teaching resources and accommodation, only a limited number of Occasional students will be accepted. Candidates for external degrees of this University may not normally be registered as Occasional students.
5. If the application is accepted the student will, on payment of the fees, receive a card of admission for the courses named thereon and must produce it on demand.
6. Occasional registration does not entitle a student to tutorial assistance. The teaching facilities are strictly limited to attendance at the courses for which the individual student is registered.
7. An Occasional student will be allowed full use of the Main Library but not of the Teaching Library.
8. At the end of his attendance a student will, on request, be given a typed certificate listing the courses for which he has been registered, but this certificate will not include a detailed record of attendance.

University Registration

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

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 peaceably 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

Regulations for Students

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 therefor, 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 organization in a public statement or communication shall make clear his status as a student, and the status of any such organization.

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 organization.

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.

Regulations for Students

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.

Regulations for Students

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.

Regulations for Students

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

Regulations for Students

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 selections 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.

Regulations for Students

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

(The fees stated are those which are applicable to the session 1973-74: they may not be valid thereafter.)

General Notes

1. Composition fees entitle students to:

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

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

3. Following the decision of the government, announced in December 1966, separate fees are payable by overseas students. The definition of overseas students is given on pages 145-6.

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

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

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

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

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

¹Composition fees do not include (a) the cost of field work or practical work required to be undertaken in vacation or term time, or (b) the costs of a year of residence abroad required of students reading for B.A. degrees in Language Studies.

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

| Full-time Students | UNITED KINGDOM | | OVERSEAS | |
|--|----------------|----------|-----------|----------|
| | Sessional | Terminal | Sessional | Terminal |
| All first degrees | £70 | £24 | £250 | £85 |
| M.Sc., M.A., LL.M. | | | | |
| One-year course or first year of two-year course | £93 | £32 | £250 | £85 |
| Second year | £60 | £21 | £250 | £85 |
| Ph.D., M.Phil. | £79 | £27 | £250 | £85 |
| Research Fee | £60 | £21 | £250 | £85 |
| Continuation Fee | £20 | £7 | £20 | £7 |
| University Diploma in Social Anthropology | £70 | £24 | £250 | £85 |
| School Diplomas in: | | | | |
| Social Administration | | | | |
| Social Work Studies | £70 | £24 | £250 | £85 |
| Statistics | | | | |
| Social Planning in Developing Countries | £1000 | — | £1000 | — |
| Personnel Management: | | | | |
| Twelve-month course | £70 | £24 | £250 | £85 |
| Fifteen-month course | £95 | £25 | £300 | £77 |
| Trade Union Studies | £60 | £21 | £250 | £85 |
| General Course | £100 | £34 | £250 | £85 |

| Part-time Students | UNITED KINGDOM AND OVERSEAS | |
|--|-----------------------------|----------|
| | Sessional | Terminal |
| Ph.D., M.Phil., M.Sc., M.A., LL.M., Research Fee | £40* | £14* |
| Continuation Fee | £10* | £4* |

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

Unless otherwise stated the fees apply to each year of the course of study.

Students Registered with the Graduate School

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

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

(iii) The sessional or terminal fees should be paid in full before the beginning of the session or term to which they relate. Fees are not returnable, but applications for partial return of fees may be considered in exceptional circumstances. Adequate notice of withdrawal from the School should be given.

Students who fail to notify the School of their withdrawal before the beginning of the term will be liable for the fees for that term.

(iv) The fees cover attendance at all such courses at the School as a student may attend and at such courses at other institutions of the University as he may attend on the advice of his teachers and with the approval of the other institutions concerned.

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

(vi) Part-time students reading for higher degrees are charged non-inclusive tuition fees plus a University registration fee of £8. They pay their own examination fee as follows:

| | |
|-------------------------------|-----|
| M.A., M.Sc., M.Phil. or LL.M. | £25 |
| Ph.D. | £35 |

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 50p per hour. Thus, for example, the fee for a course of ten lectures of one hour each is £5.

Fees for Re-entry to Examinations for School Diplomas

A candidate who, as a registered full-time student, has completed the course of study for a Diploma awarded by the School, but has failed to satisfy the examiners in whole or in part, may apply to re-enter for the examination on payment of the following fees:

| | |
|----------------------------------|----|
| Re-entry for a single subject | £2 |
| Re-entry for a whole examination | £6 |

Definition of "Overseas Students" for the Purpose of Fees

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

1. Any student who has been ordinarily resident in the U.K. for at least three

Fees

years immediately preceding the date his course is, or was, due to begin; a student who has been in the U.K. either at school or at a course of *non-advanced* further education¹ is regarded as having been ordinarily resident in the U.K. during the period of such attendance.

2. Any student whose parents (or one of whose parents) have been ordinarily resident in the U.K. for at least three years immediately preceding the date his course is, or was, due to begin.

3. Any student who would have been ordinarily resident in the U.K. for at least three years immediately preceding the date his course is, or was, due to begin had he or his parents (or one of his parents) not been employed for the time being outside the U.K.

4. Any student aged under 21 at the date his course is, or was, due to begin if he and his parents (or one of his parents) have been ordinarily resident in the U.K. for at least one year immediately preceding that date.

5. Any student who for at least one year immediately preceding the date his or her course is, or was, due to begin, has been (a) ordinarily resident or on a full-time or sandwich course of higher education² in the U.K., and (b) married to a person who has been ordinarily resident in the U.K. for at least three years immediately preceding that date.

All other students are regarded for the purpose of fees as overseas students for the duration of their course, including any student who has attended a full-time or sandwich course of *higher* education² in the U.K. prior to embarking on a course at the School. (An overseas undergraduate who marries a U.K. resident may however, acquire home student status for a postgraduate course. See 5 above.)

¹General Certificate of Education 'O' and 'A' level and Ordinary National Diploma course are examples of non-advanced further education courses.

²Higher National Diploma, Diploma in Art and Design and degree courses are examples of higher further education courses.

Scholarships, Studentships, Prizes, Bursaries

The pages immediately following give particulars of the scholarships, studentships, prizes and bursaries made 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 and State Scholarships may be found in the *Handbook of Undergraduate Courses 1974-75*, available from the Registry and the Undergraduate Admissions Office.

Scholarships and Studentships

These awards are arranged in the following categories:

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

(b) **Undergraduate awards** open only to students already studying at the School. They are generally awarded on the results of a first-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 at the University of London 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 159)
- (ii) The Scholarship in International Law (see page 159)

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

Entrance Scholarships

1. LEVERHULME ADULT SCHOLARSHIP

This scholarship of the value of £100 a year is offered to candidates of not less than 23 years of age who intend to read for one of the first degrees in the social sciences. The closing date for receipt of applications is 15 December.

Detailed regulations for this scholarship and an application form may be obtained from the Senior Assistant Registrar.

Scholarships, Studentships

2. CHRISTIE EXHIBITION

This exhibition of the value of £30 is offered annually to students reading for a diploma in the department of Social Science and Administration.

3. THE DELIA ASHWORTH SCHOLARSHIP

The Delia Ashworth Scholarship, founded under the will of Miss Mary Isabel 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 £75 a year.

Note Further information about the awards at 2 and 3 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 eight scholarships to students whose work in their first year shows outstanding merit. Seven of the scholarships are of the value of £100 a year, namely four C.S. Mactaggart Scholarships and three School Undergraduate Scholarships. The eighth, namely the Chartered Institute of Secretaries and Administrators Scholarship, is open only to students reading for the B.Sc. (Econ.) and LL.B. degrees and is of the value of £50 a year.

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

- | | |
|---|---|
| (a) B.Sc. (Econ.): | Four C.S. Mactaggart Scholarships |
| (b) LL.B. degree | } Three School Undergraduate Scholarships |
| B.Sc. in following Main Fields: | |
| Geography | |
| Mathematics, Statistics and Computing | |
| Mathematics and Philosophy | |
| Social Anthropology | |
| Social Psychology | |
| Sociology | |
| B.A. degree with Honours in History | } The Chartered Institute of Secretaries and Administrators Scholarship |
| First degrees in the department of Language Studies | |
| B.Sc. degree in Social Science and Administration | |
| (c) B.Sc. (Econ.) and LL.B. degrees: | |

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

- (i) They shall be open to registered students of the School who have completed not less than one year of a first degree course at the School.

Scholarships, Studentships

- (ii) Awards shall be made only if there are candidates of sufficient merit.
- (iii) 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 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 year.

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 £50.

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 £50.

The regulations for this scholarship are:

- (a) It shall be awarded on the results of Part I of the B.Sc. (Econ.) examination to the student of the School intending to offer Economic History 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.
- (b) The scholarship shall be tenable for one year.
- (c) The scholarship shall be awarded in the Autumn each year.

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.

The conditions for this scholarship are:

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

Scholarships, Studentships

3. The scholarship will be tenable for one year.

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

CLOTHWORKERS' COMPANY'S EXHIBITIONS

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

The conditions for these exhibitions are:

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

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

METCALFE SCHOLARSHIP

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

The 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 each of the value of £40 (at present supplemented to £100), will be awarded annually in October.

The conditions for these scholarships are:

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

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

Scholarships, Studentships

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 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

The attention of students from overseas is particularly directed to the conditions of award for graduate studentships offered by the School. Competition for the studentships is keen and students from overseas should not come to the School in the expectation of securing an award. They should have sufficient resources to maintain themselves during their course of study.

GRADUATE STUDENTSHIPS IN ECONOMICS¹

Graduate Studentships will be offered for full-time advanced study in Economics, widely interpreted. These studentships are intended to enable recent graduates to spend at least a year in the Graduate School in organized courses or supervised research.

The regulations for these studentships are:

1. They shall be open primarily to graduates of United Kingdom universities with first or good second class honours degrees in Economics, or other appropriate subjects, who obtain such degrees in the year of award.
2. Each studentship shall be tenable for one year in the first instance, but may in a limited number of cases be extended for not more than two further years.

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

Scholarships, Studentships

3. Each studentship shall be of the value of £750 a year in the first year, together with all appropriate fees. The value of the studentship may be increased if it is renewed for a second or third year.
4. Each holder of a studentship shall be required to register as a full-time student in the Graduate School and to follow a prescribed course of study or undertake approved research.
5. The holder of a studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £250 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 for the M.Sc. in Economics and have stated on their application form that they wish to be considered for one of these awards need take no further action.

STUDENTSIPS IN THE ECONOMICS, ECONOMIC GEOGRAPHY OR ECONOMIC HISTORY OF LATIN AMERICA

One or more studentships will be offered for full-time advanced study in the Economics, Economic Geography or Economic History of Latin America.

The regulations for these studentships are:

1. The studentships shall be open to men and women graduates with good Honours degrees in Economics, in relevant aspects of Geography, History or Economic History, or to those who, before October in the year of the award, obtain such degrees.
2. Studentships shall be tenable for one year in the first instance, but may be extended for not more than two further years.
3. Studentships shall be of the value of £1,250 a year, together with all appropriate fees. The cost of any travel in Latin America approved by the Director may also be provided.
4. Holders of these studentships shall be required to register at the School as full-time students and to undertake research in the Economics, Economic Geography or Economic History of Latin America, or advanced work preparatory to such research. Programmes of work will require the approval of the Director.
5. Holders of these studentships shall undertake no paid employment without the permission of the Director and, whenever this is given, appropriate deductions will normally be made from the value of the studentships in any case where the total income from all other sources exceeds £250 per annum.

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

Applications should be received by 1 June for awards tenable from the following October and should be addressed to the Secretary of the Graduate School.

Scholarships, Studentships

GRADUATE STUDENTSIPS

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

The regulations for these studentships are:

1. They shall be open to graduates of any university.
2. Each studentship shall be of the value of £625 together with tuition fees in the first year; £650 together with tuition fees if renewed.
3. Successful candidates shall be required to register as full-time students of the School and to obtain the approval of the Director for the advanced study or research which they propose to undertake.
4. The holder of a studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £250 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. They should also submit the names of two referees.

LEVERHULME RESEARCH STUDENTSIPS

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

The regulations for these studentships are:

1. They shall be open to graduates of any university.
2. Each studentship shall be of the value of £525 a year together with tuition fees.
3. Successful candidates shall be required to register as full-time students of the School and to obtain the approval of the Director for the advanced study or research which they propose to undertake.
4. The holder of a studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £250 per annum.
5. Each studentship shall be tenable for one year only.
6. Awards shall be made only if there are candidates of sufficient merit.

Applications should be made on a form obtainable from the Secretary of the Graduate School, to whom it must be returned by 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. They should also submit the names of two referees.

Scholarships, Studentships

LEVERHULME GRADUATE ENTRANCE STUDENTSHIP FOR OVERSEAS STUDENTS

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

The regulations for this studentship are:

1. It shall be open to men and women who are graduates of an overseas university or who expect to become graduates of such a university before October in the year of award.
2. No person who is or who has been a student of the School shall normally be eligible.
3. The studentship shall be of the value of £775 a year in the first year; £800 if renewed.
4. The successful candidate shall be required to register as a full-time student of the School and to obtain the approval of the Director for the advanced study or research which he proposes to undertake.
5. The holder of the studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £250 per annum.
6. The studentship shall be tenable for one year in the first instance, but may be renewed for a second year subject to satisfactory progress.
7. An award shall be made only if there is a candidate of sufficient merit.

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

LEVERHULME RESEARCH STUDENTSHIP FOR OVERSEAS STUDENTS

A Graduate Studentship may be offered annually to enable an overseas student to continue with full-time graduate work at the School leading to a higher degree of the University of London.

The regulations for this studentship are:

1. The award shall be restricted to students who are not graduates of the University of London and who have been registered at the School as research degree students throughout the session previous to that in which they wish to hold the award.
2. The studentship shall be of the value of £775 a year.
3. The successful candidate shall be required to continue as a full-time graduate student of the School.

Scholarships, Studentships

4. 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 £250 per annum.

5. The award shall be tenable for one year only.

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

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

THE JACKSON LEWIS SCHOLARSHIP

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

The regulations for this scholarship are:

1. It shall be open to graduates of any university.
2. The scholarship shall be of the value of at least £400 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 by letter addressed to the Secretary of the Graduate School 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. They should also submit the names of two referees.

MONTAGUE BURTON STUDENTSHIPS IN INTERNATIONAL RELATIONS

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

The regulations for these studentships are:

1. The awards shall be open to graduates in the Humanities or the Social Sciences of any university.
2. Applicants need not necessarily have any formal grounding in any particular branch of International Studies.
3. In awarding the studentships the School shall have regard to the desire of those

Scholarships, Studentships

who founded this endowment by giving preference to those students who wish to qualify themselves for university teaching in International Relations, the subject in which the Montague Burton Professorship was established.

4. The awards shall be tenable for up to two years.
5. In exceptional circumstances, the School may grant a maintenance allowance to the holder of one of these studentships.
6. In the case of a studentship with a maintenance grant, the holder shall undertake no paid employment without the permission of the Director; appropriate deductions will normally be made from the value of the award in any case where the total income from all other sources exceeds £250 per annum.

Applications for the awards should be made on a form which can be obtained from the Secretary of the Graduate School and must be returned to her by 1 September.

NOEL BUXTON STUDENTSHIP IN INTERNATIONAL RELATIONS

With the aid of a grant provided by the Noel Buxton Trust, a Research Studentship in International Relations tenable at the London School of Economics and Political Science has been established for a limited period.

The regulations for the studentship are:

1. It shall be open to men and women who are graduates of a university.
2. The field for research or study shall be any subject calculated to promote the better understanding of the problems of international peace and security (including disarmament). Some preference, however, may be given to subjects associated with one or other of the more urgent international problems of the day.
3. The holder of the studentship shall be required to follow an approved course of study or research in the field defined in regulation 2, whether leading to a higher degree or not.
4. The value of each studentship shall not exceed £1,250 a year. It shall normally be held for a period of not less than two years at a time.
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 £250 per annum.

Applications for the studentship, which should be in writing, must give full particulars of the applicant's career and of his interest in the relevant field of study and must be received by the Secretary of the Graduate School by 31 March in the year of the award. The names of two referees should be given.

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 1974.

Scholarships, Studentships

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 £250 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 the prescribed form which can be obtained from the Secretary of the Graduate School. The closing date for entry is 1 September in the year of award.

EILEEN POWER STUDENTSHIP

An Eileen Power Studentship in Social and Economic History founded by the friends of the late Professor Eileen Power will be awarded 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.

A studentship is being offered for tenure from October 1973 and another studentship may be offered either for tenure from October 1976 or October 1977.

The studentship is of the value of at least £750, and is 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 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 which might include the study of 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 will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £750 per annum.

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

Scholarships, Studentships

REES JEFFREYS STUDENTSHIP IN TRANSPORT

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

The regulations for this studentship are as follows:

1. It shall be open both to men and women who are graduates of a university, and also to persons who are or have been engaged in the operation or administration of transport, the construction of transport facilities or the manufacture of transport equipment.
2. The field for research or study shall be in subjects relating to the economics of transport, and to the balanced development of the various forms of transport.
3. The holder of the studentship shall be required to register at the School as a full-time student and to undertake advanced study or research; his programme of work must have the approval of the Director.
4. The value of the studentship shall not exceed £1,250 a year.
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 £250 per annum.
6. The studentship shall be tenable at the School for one year in the first instance, but can in appropriate circumstance be renewed for a second year.

Applications for the studentship should be made on a form which can be obtained from the Secretary of the Graduate School and must be returned to her by 30 April.

ROSEBERY STUDENTSHIP

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

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

The regulations for this studentship are:

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

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

Scholarships, Studentships

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 annually and are each of the value of £50. 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 enable 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. Candidates will be considered automatically for both scholarships unless they specify otherwise at the time of application. They will be awarded only if there are candidates of sufficient merit, and candidates should make a written application to the Senior Assistant Registrar before 1 May in the year of award.

STATE STUDENTSHIPS

The Department of Education and Science offers Major State Studentships and State Studentships for research or advanced study in the Humanities.¹ The awards are open to graduates of British universities or students of such universities expecting to graduate; or to holders of a degree of the Council for National Academic Awards or students expecting to obtain such a degree. Candidates who are proceeding to graduate studies immediately after undergraduate studies, must have been ordinarily resident in England or Wales for at least three years immediately preceding the start of the undergraduate studies.² They have at present a maximum value for at least 44 weeks' full-time study in a year of £675 (£520 if the student lives at home or £425 for a married woman student who is living in the matrimonial home and whose husband is not a full-time student), plus tuition and examination fees. The maintenance grant will be awarded without reference to the income of the student's parents.

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

Students may not apply direct to the Department of Education and Science.

SOCIAL SCIENCE RESEARCH COUNCIL ADVANCED COURSE AND RESEARCH STUDENTSHIPS

The Social Science Research Council offers Research Studentships and Advanced

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

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

Scholarships, Studentships

Course Studentships for research or advanced study in the Social Sciences. For the purposes of these awards the Social Sciences are defined as the following subjects:

| | |
|------------------------------|------------------------------------|
| Accountancy | International Relations |
| Anthropology | Management Studies |
| Demography | Political Science |
| Economics | Regional Planning |
| Econometrics | Social Psychology |
| Economic and Social History | ² Social Administration |
| European Studies | Sociology |
| ¹ Human Geography | Social Statistics |
| Industrial Relations | |

Generally, applicants for S.S.R.C. Studentships or their parents must have been ordinarily resident in Great Britain for at least three years immediately preceding the start of postgraduate studies, hold a second class (upper division) honours degree and be under 27 years of age on 1 October in the year of application. If neither parent has been so resident, the three-year period must exclude any period of full-time education. Non-British subjects must also be graduates of a university in the United Kingdom. Candidates must be nominated for an award by the authority of the college at which the award is to be held.

SCIENCE RESEARCH COUNCIL ADVANCED COURSE AND RESEARCH STUDENTSHIPS

The Science Research Council recognises only the course in Operational Research for its Advanced Course and Research Studentships.

Generally, applicants for S.R.C. Studentships should be citizens of the United Kingdom or Colonies, or Commonwealth citizens who are normally resident in Great Britain and whose parents are normally resident in Great Britain. They should hold a good second class honours degree and be under 27 years of age on 1 October in the year of application.

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

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

METCALFE STUDENTSHIP

A studentship, founded under the will of Miss Agnes Edith Metcalfe, is awarded annually by the University, provided a candidate of sufficient merit presents herself. Until further notice the value of the studentship will be not less than £120 in the case of a full-time student, and not less than £60 in the case of a part-time student.

¹Excluding Cartography and Physical Geography.

²Excluding Option B.

Scholarships, Studentships

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 must be received not later than 24 May in the year of award, by the Secretary of the Scholarships Committee, University of London, WC1E 7HU, from whom further particulars and application forms may be obtained.

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 £1,200 a year 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.

Scholarships, Studentships

6. Applications, of which *ten* copies must be supplied, 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 Principal of the University on or before 1 February in the year of the award.

Note Applicants for the Leon Fellowship should note that ten copies of *all* documents are required, including the scheme of work.

INSTITUTE OF COMMONWEALTH STUDIES
JUNIOR RESEARCH FELLOWSHIPS

1. The Institute offers the Henry Charles Chapman Junior Research Fellowship and the Dame Lillian Penson Junior Research Fellowship in Commonwealth Studies for research relating to the history, or to the contemporary social, economic, or political problems of the Commonwealth or any overseas part of it.

2. The annual value of the Junior Research Fellowships will be in the range £650-£850. In addition, University of London tuition fees may in some cases be paid where these fees have not otherwise been provided for.

3. The fellowships will normally be awarded to full-time students registered for a research degree who, at the time they take up the fellowship, will be in at least the second year of their research. Each fellowship will be tenable for one year, with the possibility of renewal for a second year.

4. Applications (five copies) on the prescribed form, should reach the Assistant Secretary, Institute of Commonwealth Studies, 27 Russell Square, London, WC1B 5DS, not later than 10 February.

Scholarships, Studentships

UNIVERSITY POSTGRADUATE STUDENTSHIPS

(I) A number of Postgraduate Studentships of £675 a year, plus tuition and registration fees and, under certain conditions, payment of higher degree examination fees and a grant of up to £50 towards the cost of producing a thesis, will be awarded annually by the University provided candidates of sufficient merit present themselves. The conditions of award and eligibility for these studentships are:

1. Candidates must be internal or external graduates of the University, in any faculty.
2. Candidates must have taken their first degree not more than three years prior to the date of the award.
3. The studentships are tenable for one year or for two years in the first instance.

Applications must be received by the Secretary to the Scholarships Committee, University of London, WC1E 7HU, not later than 1 March in the year of award. Further information may be obtained from him.

(II) The University also offers a number (approximately fifteen in 1973) of studentships available for award in any subject as follows:

1. The studentships are open to internal and external students who obtain first class honours at their final examinations for Bachelor's degrees, and who are either ineligible for, or, for special reasons are not candidates for awards under the national schemes. In special circumstances other candidates of special distinction may be considered.
2. Successful candidates must satisfy the University of their intention to pursue a full-time course of advanced study or research.
3. The holders of the studentships will normally be required to carry out their work in a school or institute of the University.
4. The studentships are tenable from the beginning of the session immediately following the final Bachelor's degree examinations and extend for one or two years in the first instance.
5. The value of the studentships is £650 in the first year and £675 in the second and subsequent years plus tuition and registration fees and, under certain conditions, payment of a grant of £25 for approved initial research expenses, and the payment of higher degree examination fees and a grant of up to £50 towards the cost of producing a thesis.

No special application need be made. The awards will be made by the University Scholarships Committee after considering recommendations made by the School.

Further information can be obtained from the Secretary to the Scholarships Committee, University of London, WC1E 7HU.

WILLIAM LINCOLN SHELLEY STUDENTSHIP

The William Lincoln Shelley Studentship founded under the will of Mr. William Lincoln Shelley, will be awarded from time to time to a graduate of the University of London for research in any subject. Until further notice the value of the studentship will be £275 a year plus a grant of £400.

Scholarships, Studentships

The regulations for this studentship are as for University Postgraduate Studentships (I).

UNIVERSITY POSTGRADUATE TRAVELLING STUDENTSHIPS

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

The conditions of eligibility for these studentships are:

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

Applications must be received by 1 March in the year of award by the Secretary to the Scholarships Committee, University of London, WC1E 7HU, from whom further information can be obtained.

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

DERBY STUDENTSHIP

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

GERSTENBERG STUDENTSHIP

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

RESEARCH FELLOWSHIPS IN HISTORY

1. The Senate offers a number of Research Fellowships in History tenable at the Institute of Historical Research, Senate House, WC1E 7HU. The fellowships will be of an annual value of £750, or such smaller sum as will ensure that the holder's total income from scholarships is not less than £750 a year. In addition, tuition fees

Scholarships, Studentships

in the University of London, incurred by the holders of fellowships for their approved programmes of work, may be defrayed by the University, where these fees have not otherwise been provided for.

2. The fellowships will be awarded to graduates in History of any university. In respect of half of those available preference will be given to graduates in History of the University of London.
3. The fellowships will normally be awarded to postgraduates of at least two years' standing. They will be tenable for one year in the first instance, but may be renewed for a second year at the discretion of the Institute of Historical Research Committee.
4. Applications must be made on the prescribed form, which may be obtained from the Secretary of the Institute, and must include the names of two persons to whom reference may be made. Candidates placed on the short list will be required to attend at the Institute for interview.
5. Successful candidates will be required to pursue an approved course of study leading either to a higher degree or to the completion of a research project under supervision. The holder of a fellowship will be required to keep terms at the Institute and to devote his full time to the subject of his research. Leave of absence from London for a limited period for the purpose of research may be given at the discretion of the Committee.
6. The awards will be made by the Institute of Historical Research Committee, acting on behalf of the University Scholarships Committee, subject to confirmation by the Senate.
7. The amounts of the fellowships will be paid in instalments at such times as may be decided in each case, each instalment (with the exception of the first, which will be paid in advance) being payable only on receipt by the University of satisfactory reports on the holder's progress and conduct.
8. The awards will be made in May and applications must reach the Director, Institute of Historical Research, Senate House, WC1E 7HU, not later than 1 April.

MADGE WALEY JOSEPH SCHOLARSHIP

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

Scholarships, Studentships

CENTRAL RESEARCH FUND

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

Further information may be obtained from the Deputy Academic Registrar, University of London, WC1E 7HU.

AWARDS FOR STUDY IN THE U.K. AND ABROAD

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

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 from the following papers in Group III: (a) Elements of Statistical Methods; (b) Elementary Statistical Theory; (c) Quantitative Methods for Economists. The value of the prize will be the income of the fund for the year preceding the award and will normally be about £8.50. It will be awarded only if there is a suitable candidate.

Hughes Parry Prize

The Hughes Parry Prize, of books to the value of about £22, 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 £50, 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.

Raynes Undergraduate Prize

A prize in books, provided through the generosity of the late Mr. Herbert Ernest Raynes, will be awarded annually in July to the student of the School who obtains the best marks in Part II of the B.Sc. (Econ.) final examination. The value of the prize will be the income of the fund for the year preceding the award, and will normally be about £20.50.

William Farr Prize

Through the generosity of the late Mr. W. J. H. Whittall, a prize consisting of a medal and books is offered annually in memory of Dr. William Farr, C.B., F.R.S. The value of the books will be the remainder of the preceding year's income of the fund after provision of the medal and will not normally be less than £10. It will be awarded for proficiency and merit in the special subject of Statistics or Computing²

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

²Students who are offering the special subject Computing will be eligible for the award if they offer the paper Probability, Distribution Theory and Inference.

Prizes

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

The Gonner Prize

A prize is offered annually in memory of the late Professor Sir Edward Gonner, Professor of Economic Science in the University of London from 1891 to 1922, and Director of Intelligence in the Ministry of Food from 1917 to 1921. The value of the prize will be the income of the fund for the year preceding the award and will normally be about £8.50. 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

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

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

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

S. W. Wooldridge Memorial Awards

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

Prizes

Premchand Prize

A prize of about £30 awarded through the generosity of Sir Kikabhai Premchand of Bombay, is offered annually to a student who shows conspicuous merit in the special subject of Monetary Economics at Part II of the final B.Sc. (Econ.) examination. The prize is restricted to registered students of the School whose course of study has been pursued as internal students of the University. It will be awarded only if there is a suitable candidate.

The Arthur Andersen Prize in Accounting

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

The Bassett Memorial Prizes

Two prizes will be offered annually in memory of Professor R. Bassett, Professor of Political Science: (i) a prize of books to the value of £15 to the regular student of the School who, as a candidate for the B.Sc. (Econ.) degree, with Government as his special subject, is judged to be the best of his year; special consideration will be given to conspicuous merit in the paper or papers relating to the government of Great Britain; (ii) a prize of books to the value of £8 to the Trade Union student who is judged to have achieved the best performance of his year in Trade Union Studies.

Hobhouse Memorial Prize

A prize of about £15 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.

The Free Press Prize

Through the generosity of the Free Press of Glencoe, a prize of about £25 in books is offered annually to a student who shows conspicuous merit in the subject of Sociology. The prize will be awarded on the basis of performance in the final examination for the B.Sc. degree: Main Field Sociology, or the B.Sc. (Econ.) degree 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 £17 in memory of the late Mr. Mostyn Lloyd, who was head of the department of Social Science from 1922 until 1944. Through the generosity of

Prizes

Mrs. Lloyd the prize in recent years has amounted to £20. It is awarded by the Director, on the recommendation of the convener of the department of Social Science and Administration, to the best all-round student or students obtaining the Diploma in Social Administration in each year. Both academic achievement and practical work are taken into consideration. The prize will be awarded only if there is a suitable candidate.

The Janet Beveridge Award

A prize of about £40 in books is offered annually by the Trustees of the Janet Beveridge Memorial Fund. The prize will be awarded to a regular student of the School who, being an internal student of the University, achieves conspicuous merit in the final examination for the B.Sc. degree in Social Science and Administration. The award will be made only if there is a suitable candidate.

Gladstone Memorial Prize

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

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

Rosebery Prizes

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

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

The Director's Essay Prize

A prize in books of the value of £10 is offered for award annually by the Director for the best essay written by an undergraduate student reading for a first degree, or for the Diploma in Social Administration for non-graduates. The essay should not exceed 3,000 words. Subjects approved by the Director will be announced during the Michaelmas term and essays should normally be submitted by 1 May.

Bowley Prize

The School offers a prize to commemorate the distinguished services to economic

Prizes

and statistical sciences of the late Professor Sir Arthur L. Bowley, Professor of Statistics in the University of London from 1915 to 1936.

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

It will be open to present or past regular students of the School who have 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 1975. It will be awarded only if an adequate standard of excellence is attained.

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

Candidates wishing to submit work for consideration by the Committee should send it to the Senior Assistant Registrar by 1 January 1975.

The Firth Award

A prize to the value of about £20-50 will be offered annually to graduate students in the department of Anthropology for the best paper of the year contributed to any seminar in the department. The award will be made by the Director on the recommendation of the convener and senior members of the department.

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

Ely Devons Prizes

Two prizes, each of the value of about £20, 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 Essay Prize

Through the generosity of Mr. P. S. Gourgey, a former student of this School, a book prize of the value of about £1-50 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 at the U.K. rate 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 Senior Assistant Registrar, by students reading for first degrees and diplomas;
the Secretary of the Graduate School, by students following a course for advanced study or research.

First Degree Courses

General Information

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 and Computing,
Mathematics and Philosophy,
Social Anthropology,
Social Psychology,
Sociology

Bachelor of Arts in History

Bachelor of Arts in Language Studies

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.

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.

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.

Degree of Bachelor of Science in Economics: Revised Regulations

(For candidates registering in and after October 1972)

Entrance Requirements

The entrance requirements for this degree are set out in the table on page 132.

Course of Study

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

Details of Examination

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

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.

Transitional Arrangements

In certain cases a student who began a course for the B.Sc. (Econ.) under the regulations in force before 1972, but then withdrew from the School, may be permitted to continue his course under these regulations. Applications should be addressed to the Registrar.

Part I

The examination for Part I consists of four papers to be chosen from at least three of the following groups; at least one paper must be from groups I to III and at least one from groups IV to VI. 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 or (b) Economics B or (c) Introduction to Mathematical Economics | 20, 20a 21, 21a 23, 23a |

| | | Lectures, Classes and Seminars |
|-----|--|--|
| II | (a) Basic Mathematics or (b) Algebra and Methods of Analysis (c) Introduction to Analysis and Set Theory | 900, 900a 901-2a 903, 903a |
| III | (a) Elements of Statistical Methods or (b) Elementary Statistical Theory or (c) Quantitative Methods for Economists (d) Introduction to Logic (e) Introduction to Scientific Method (f) Theory and Techniques of Spatial Analysis | 916, 916b, 917, 917a 920, 920a 22, 22a, 916, 916a 491, 491a 485-6 183 |
| IV | (a) Modern Politics and Government, with special reference to Britain or (b) An Introduction to Political Thought: the Greeks (c) English Legal Institutions (d) The Structure of International Society (e) International Law | 527, 527a 510, 510a 443, 443a 580, 580a 450, 450a |
| V | (a) Social and Economic History of W. Europe, 1300-1700 or (b) Introduction to Modern English Economic History or (c) The Economic History of Great Britain and the U.S.A. 1850-1939 (d) Political History, 1789-1941 or (e) World History since 1890 or (f) The History of European Ideas since 1700 | 259, 259a 252, 252a 250, 250a 280, 280a 281, 281a 282, 282a |
| VI | (a) Introduction to Sociology (b) Introduction to Psychology (c) Principles of Social Anthropology (d) Human Geography | 830, 830a 695, 695b 640, 640a 182, 182a |

As a special arrangement, students with appropriate qualifications who intend to read either Mathematical Economics and Econometrics, or Statistics, or Computing in Part II may be exempted by the School from the requirement to select a subject from groups IV to VI. This arrangement is under review and may not be available after the session 1973-74.

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 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. A student who fails at the next examination of the outstanding subject will normally not be permitted to continue his course until he has passed in that subject.

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

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.

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

Only lectures and classes given in the first year of Part II have been listed

The papers prescribed for each special subject are as follows:

I. Economics, Analytical and Descriptive

| | <i>Lectures, Classes and Seminars</i> |
|---|---|
| *1. <i>Either (a) Economic Principles or (b) Principles of Economics Treated Mathematically</i> | 26, 26a 31, 31a |
| 2. <i>Either (a) Problems of Applied Economics or (b) Economics Treated Econometrically</i> | — |
| 3. Advanced Economic Analysis | — |
| 4. Public Finance | — |
| 5 and 6. <i>Two of the following:</i> | |
| *(a) History of Economic Thought | 29, 29a |
| *(b) Labour Economics | 39, 39a |
| *(c) Economics of Industry | 37, 37a |
| *(d) Econometric Methods | 33, 33a |
| (e) International Economics | — |
| (f) Principles of Monetary Economics | — |
| (g) Economic Development | — |
| (h) Economics of Planning | — |
| *(i) An approved paper taught outside the department of Economics | — |
| *7. <i>Either (a) Economic Statistics or (b) An approved paper taught outside the department of Economics (if Econometric Methods is being offered)</i> | 930-31 — |
| *8. An approved paper taught outside the department of Economics | — |

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

II. Mathematical Economics and Econometrics

| <i>Either</i> | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| *1. (a) Principles of Economics Treated Mathematically | 31, 31a |
| 2. (a) <i>Either</i> (i) Advanced Economic Analysis or (ii) Public Finance | — |
| <i>Or</i> | |
| *1. (b) Mathematical Economics I (if <i>Introduction to Mathematical Economics</i> has been taken at Part I) | 35, 35a |
| 2. (b) Mathematical Economics II | 36(i), 36a |
| <i>Either</i> | |
| *3. (a) Econometric Methods | 33, 33a |
| 4. (a) Economics Treated Econometrically | — |
| <i>Or</i> | |
| 3. (b) Econometrics I | 932, 932a |
| 4. (b) Econometrics II (Candidates choosing <i>Econometrics I</i> and <i>II</i> must choose <i>Probability and Distribution Theory</i> under 5 and 6 (b), 7 (b) (iv) or 8) | 34(i), 34 |
| 5 and 6. <i>Two of the following (if not taken elsewhere, of which at least one must be chosen from (h)-(r) except with the permission of the candidate's teachers)</i> | |
| *(a) Mathematics A (to be taken by all students offering 7(a) and not by others) | 912, 912a |
| * (b) Probability, Distribution Theory and Inference | 923-4a |
| (c) Operational Research Methods | — |
| (d) Statistical Methods (only if taking 4(b)) | 925, 925a |
| (e) Social Statistics | — |
| (f) Mathematical Logic | 491, 491a |
| (g) Numerical Methods | 941, 941a, 949(i), 949a |
| (h) Public Finance | — |
| (i) International Economics | — |
| (j) Principles of Monetary Economics | — |
| (k) Monetary Institutions | — |
| (l) Economic Institutions Compared | — |
| (m) Labour Economics | — |

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

| | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| (n) Economics of Industry | — |
| (o) Development Economics | — |
| (p) Economics of Planning | — |
| (q) History of Economic Thought | — |
| (r) Subject to the School's approval, an essay (normally not to exceed 5,000 words) to be written during the course of study on an approved subject (to be presented not later than 1 April in the candidate's third academic year) | — |
| 7. <i>Either</i> | |
| (a) In the case of candidates presenting 1(a) and 3(a) in Part II, *an approved paper taught outside the department of Economics (<i>Candidates who did not take Elementary Statistical Theory at Part I should offer this paper here</i>) | 920, 920a |
| <i>Or</i> | |
| (b) <i>Either</i> *(i) Mathematics B | 913, 913a |
| or *(ii) Introduction to Analysis and Set Theory (unless taken at Part I) | 903, 903a |
| or In the case of candidates who have taken <i>Introduction to Analysis and Set Theory at Part I:</i> | |
| <i>Either</i> (iii) Real Variable | 906, 913, 913a |
| or *(iv) An approved paper taught outside the department of Economics | — |
| *8. An approved paper taught outside the department of Economics | — |
| III. Monetary Economics | |
| Note Economic Statistics must be taken under 6, 7 or 8. | |
| *1. <i>Either</i> (a) Economic Principles | 26, 26a |
| or (b) Principles of Economics Treated Mathematically | 31, 31a |
| *2. Applied Economics | 41, 48 |
| 3. Principles of Monetary Economics | — |
| 4. Monetary Institutions | — |
| 5. <i>Either</i> (a) Problems of Applied Economics | — |
| or (b) Economics Treated Econometrically | — |
| 6. <i>One of the following:</i> | |
| (a) Advanced Economic Analysis | — |
| (b) Public Finance | 41 |
| (c) International Economics | — |
| (d) History of Economic Thought | — |

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

First Degree Courses: B.Sc. (Economics) Revised Regulations

| | <i>Lectures, Classes and Seminars</i> |
|--|---|
| (e) Labour Economics | — |
| (f) Economics of Industry | — |
| (g) Economic Development | — |
| (h) An approved paper listed under 7 below | — |
| 7. One of the following (unless already taken): | |
| * (a) Basic Mathematics (unless taken at Part I) | 900, 900a |
| * (b) Mathematics A | 912, 912a |
| * (c) Mathematics B | 913, 913a |
| * (d) Introduction to Analysis and Set Theory (unless taken at Part I) | 903, 903a |
| * (e) Economic Statistics | 930-31 |
| (f) Accounting—Management and Economic Aspects | 151, 151a, 935 |
| * (g) Elementary Statistical Theory (unless taken at Part I) | 920, 920a |
| *8. An approved paper taught outside the department of Economics | — |

IV. Industry and Trade

Note Economic Statistics must be taken under 5, 6, 7 or 8.

| | |
|---|--------------------|
| *1. Either (a) Economic Principles or (b) Principles of Economics Treated Mathematically | 26, 26a 31, 31a |
| *2. Economics of Industry | 37, 37a |
| 3. Either (a) Problems of Applied Economics or (b) Economics Treated Econometrically | — — |
| 4. Theory of Business Decisions | — |
| 5 and 6. Two of the following: | |
| (a) Advanced Economic Analysis | — |
| (b) History of Economic Thought | — |
| (c) Labour Economics | — |
| (d) International Economics | — |
| (e) Monetary Institutions | — |
| (f) Public Finance | — |
| (g) Economic Development | — |
| (h) Economics of Commodity Distribution | — |
| (i) Elements of Labour Law | 444, 444a |
| (j) Commercial Law | 444-45a |
| (k) Accounting—Management and Economic Aspects | 151, 151a, 935 |

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

First Degree Courses: B.Sc. (Economics) Revised Regulations

| | <i>Lectures, Classes and Seminars</i> |
|---|---|
| * (l) Elementary Statistical Theory (unless taken at Part I) | 920, 920a |
| (m) An essay of not more than 10,000 words on an approved subject (to be presented not later than 1 April in the candidate's third academic year) | — |
| * (n) An approved paper taught outside the department of Economics | — |
| *7. One of the following (unless already taken): | |
| (a) Mathematics A | 912, 912a |
| (b) Mathematics B | 913, 913a |
| (c) Elementary Statistical Theory | 920, 920a |
| (d) Elements of Management Mathematics | 922, 922a, 950, 950a |
| (e) Economic Statistics | 930-31 |
| *8. An approved paper taught outside the department of Economics | — |

V. International Trade and Development

| | |
|---|------------------------|
| *1. Either (a) Economic Principles or (b) Principles of Economics Treated Mathematically | 26, 26a 31, 31a |
| 2. Either (a) Problems of Applied Economics or (b) Economics Treated Econometrically | — — |
| 3. International Economics | — |
| 4. Economic Development | — |
| *5. Either (a) Industrialisation and the International Economy since 1830 or (b) A Comparative Study of Modern Economic Development in Russia, Japan and India | 251, 251a 261, 261a |
| *6. One of the following: | |
| (a) Mathematics A | 912, 912a |
| (b) Mathematics B | 913, 913a |
| (c) Elementary Statistical Theory (unless taken at Part I) | 920, 920a |
| (d) Economic Statistics | 930-31 |
| (e) Applied Economics | 41, 48 |
| 7. One of the following (unless already taken): | |
| * (a) Industrialisation and the International Economy since 1830 | 251, 251a |
| * (b) A Comparative Study of Modern Economic Development in Russia, Japan and India | 261, 261a |
| (c) Economic History of England 1216-1603 | 260, 260a |
| (d) Economic History of England 1603-1830 | 253, 253a |

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

First Degree Courses: B.Sc. (Economics) Revised Regulations

| | <i>Lectures, Classes and Seminars</i> |
|--|---|
| (e) Economic History of England from 1815 | 254, 254a |
| (f) Economic History of Western Europe from 1815 | — |
| (g) Economic History of the United States of America from 1783 | 257, 257a |
| (h) Economic History of Latin America from Independence to the Present Day | 262, 262a |
| (i) Public Finance | 41 |
| (j) Economics of Industry | — |
| (k) Advanced Economic Analysis | — |
| (l) History of Economic Thought | — |
| (m) Labour Economics | — |
| (n) Economics of Planning | — |

*8. An approved paper taught outside the department of Economics (*Students must take Economic Statistics unless this is taken under 6*)

VI. Economic Institutions and Planning

| | |
|---|--------------------|
| *1. <i>Either (a) Economic Principles or (b) Principles of Economics treated Mathematically</i> | 26, 26a 31, 31a |
| *2. Economic Institutions Compared | 51, 51a |
| 3. <i>Either (a) Problems of Applied Economics or (b) Economics Treated Econometrically</i> | — |
| 4. Economics of Planning | — |
| 5 and 6. Two approved papers taught in the department of Economics | — |
| *7. Economic Statistics | 930, 931 |
| *8. An approved paper taught outside the department of Economics | — |

VII. Accounting and Finance

| | |
|-----------------------------------|----------|
| *1. Accounting and Finance I | 151-154a |
| 2. Accounting and Finance II | — |
| 3. Accounting and Finance III | — |
| 4. Commercial Law | 444-45a |
| *5. Economic Principles | 26, 26a |
| 6. <i>One of the following:</i> | |
| (a) Problems of Applied Economics | — |

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

First Degree Courses: B.Sc. (Economics) Revised Regulations

| | <i>Lectures, Classes and Seminars</i> |
|----------------------------------|---|
| * (b) Economics of Industry | 37, 37a |
| (c) Theory of Business Decisions | — |
| (d) Advanced Economic Analysis | — |
| (e) History of Economic Thought | — |
| (f) International Economics | — |
| (g) Monetary Institutions | — |
| (h) Public Finance | — |
| (i) Economic Development | — |
| * (j) Labour Economics | 39, 39a |

7. Candidates who have taken Elementary Statistical Theory or Elements of Statistical Methods or Quantitative Methods for Economists at Part I must choose *one* of the following:

| | |
|---|----------------------|
| * (a) Basic Mathematics (<i>unless taken at Part I</i>) | 900, 900a |
| (b) Operational Research Methods | — |
| * (c) Mathematics A | 912, 912a |
| * (d) Mathematics B | 913, 913a |
| * (e) Introduction to Analysis and Set Theory (<i>unless taken at Part I</i>) | 903, 903a |
| * (f) Introduction to Logic (<i>unless taken at Part I</i>) | 491, 491a |
| * (g) Introduction to Scientific Method (<i>unless taken at Part I</i>) | 485-6 |
| * (h) Elements of Management Mathematics | 922, 922a, 950, 950a |

All other candidates must take *one* of the following:

| | |
|---|----------------------|
| * (i) Elementary Statistical Theory | 920, 920a |
| * (j) Elements of Statistical Methods | 916, 916b, 917, 917a |
| * (k) Quantitative Methods for Economists | 22, 22a, 916, 916a |

*8. An approved paper taught outside the department of Accounting

VIII. Economic History

| | |
|---|----------------|
| 1. <i>Either (a) Economic History of England, 1216-1603 or (b) Economic History of England, 1603-1830</i> | — 253, 253a |
| 2 and 3. <i>Two of the following (unless already taken):</i> | |
| (a) Economic History of England, 1216-1603 | — |
| (b) Economic History of England, 1603-1830 | 253, 253a |
| (c) Economic History of England from 1815 | 254, 254a |
| (d) Economic History of Western Europe from 1815 | — |
| (e) Economic History of the United States of America from 1783 | 257, 257a |
| (f) Economic History of Latin America from Independence to the Present Day | 262, 262a |

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

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Lectures, Classes
and Seminars

4 and 5. One of the following, in each of which there are two papers:

- (a) Economic and Social History of England, 1377-1485 —
- (b) Economic and Social History of England, 1575-1642 —
- (c) Economic and Social History of England, 1830-1886 —
- (d) Britain and the International Economy, 1929-1936 —

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 April in the candidate's third academic year).

6. One of the following:

- (a) Any paper listed under 1-3 above not already chosen —
 - (b) British History 1400-1750 —
 - (c) British History since 1750 —
 - (d) International History, 1815-1914 —
 - (e) International History since 1914 —
 - (f) European History from 1800 —
 - (g) A Comparative Study of Modern Economic Development in Russia, Japan and India —
 - (h) The Social and Political Structure of Britain in the 19th Century (not available to students choosing 4 and 5c) 225a
 - (i) International Economic History, 1850-1945 —
 - (j) History of Economic Thought —
 - (k) The Rise of Modern Science, Copernicus to Newton —
 - (l) History of British Politics in the 20th Century —
 - * (m) Elementary Statistical Theory (unless taken at Part I) 920, 920a
- | | | | |
|--|---|---|--|
| <ul style="list-style-type: none"> * (n) Elements of Statistical Methods * (o) Quantitative Methods for Economists | } | <p>(Unless either of these or Elementary Statistical Theory has been taken at Part I)</p> | <ul style="list-style-type: none"> 916, 916b, 917, 917a 22, 22a, 916, 916a |
|--|---|---|--|

- *7. Either (a) Economic Principles 26, 26a
or (b) General Economics 25, 25a

8. One of the following:

- * (a) An additional approved paper in Economics —
- * (b) Historical Geography 210, 210a
- * (c) Social Aspects of Political and Economic Development (if Principles of Social Anthropology has been taken at Part I) —
- (d) An approved paper in Politics or Political Thought (other than 6 (l)) —

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

First Degree Courses: B.Sc. (Economics) Revised Regulations

Lectures, Classes
and Seminars

- * (e) Comparative Social Structures (if Introduction to Sociology has been taken at Part I) 832, 832a
- * (f) Social Philosophy 836, 838b
- (g) An approved Modern Foreign Language by arrangement
- * (h) Elements of Demographic Analysis 682, 683, 684, 684a
- * (i) Introduction to Scientific Method (unless taken at Part I) 485-6
- * (j) Industrial Relations 345(ii) 345c

IX. Government

- 1. Political Thought 551, 551a
- 2. Comparative Political Institutions 540, 540a
- 3. Either (a) Modern British Government 528-9, 533, 535-8
or (b) History of British Politics in the 20th Century 531, 531a

4. One of the following:

- (a) Political Thought (a selected text) —
- (b) Political Philosophy 517, 571a
- (c) Modern Political Thought: a Study of European Political Thought since 1770 518, 518a

5 and 6. Two of the following (if not already chosen):

- (a) Modern British Government 528-9, 533, 535-8
- (b) History of British Politics in the 20th Century 531, 531a
- (c) Political Thought (a selected text) —
- (d) Political Philosophy 517, 517a
- (e) Modern Political Thought: a Study of European Political Thought since 1770 518, 518a
- (f) Politics and Government of a Foreign Country 516, 541-48a
- (g) History of British Politics from the 17th to the 20th Century 530, 530a, 538
- (h) Public Administration 534-5, 556, 561(ii)
- (i) Contemporary Political Analysis 519
- (j) Political and Economic Aspects of Public Policy Formation 549, 555

*7 and 8. Two approved papers taught outside the department of Government —

X. Sociology

- *1. Comparative Social Structures 832, 832a
- 2. Sociological Theory —
- 3, 4, 5 and 6. Four of the following:

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

First Degree Courses: B.Sc. (Economics) Revised Regulations

| | <i>Lectures, Classes and Seminars</i> |
|--|---|
| * <i>(a)</i> Methods of Social Research (<i>this option must be taken unless Elementary Statistical Theory or Elements of Statistical Methods or Quantitative Methods for Economists has been taken at Part I</i>) | 835, 917-8a |
| * <i>(b)</i> Social Philosophy: <i>Two</i> of: Introduction to Social and Moral Philosophy | 836, 838b |
| Values and Society | 837, 838b |
| Sociology of Ideas | 838b, 839 |
| * <i>(c)</i> Social Structure of Modern Britain | 846, 846a |
| * <i>(d)</i> Social Structure of the Roman Empire | — |
| * <i>(e)</i> Industrialisation and Theories of Social Change | — |
| * <i>(f)</i> Political Sociology | — |
| * <i>(g)</i> Industrial Sociology | — |
| * <i>(h)</i> Sociology of Education | — |
| * <i>(i)</i> Sociology of Religion | — |
| * <i>(j)</i> Elements of Demographic Analysis | 682-4 |
| * <i>(k)</i> Criminology | 854(i), 854(ii) 854a |
| * <i>(l)</i> Sociology of Deviant Behaviour | — |
| *7 and *8. Two approved papers taught outside the department of Sociology | — |
| XI. Statistics | |
| *1. Mathematics B | 913, 913a |
| *2. Probability, Distribution Theory and Inference | 923-24a |
| 3. Statistical Methods | 925, 925a, 941, 941a |
| 4. Sample Survey Theory and Methods and Further Statistical Theory | — |
| 5 and 6. <i>Two</i> of the following: | |
| <i>(a)</i> Actuarial Statistics | 935, 936 |
| <i>(b)</i> Statistical Demography | 680, 680a, 684, 684a |
| <i>(c)</i> Social Statistics | — |
| <i>(d)</i> Econometrics I | 932, 932a |
| <i>(e)</i> Econometrics II | 34(i), 34a |
| <i>(f)</i> Mathematical Logic | 491, 491a |
| * <i>(g)</i> Elements of Computer Science | 939-41a, 948, 948a |
| <i>(h)</i> Operational Research Methods | — |
| <i>(i)</i> Numerical Methods | 941, 941a, 949(i) |
| <i>(j)</i> An approved mathematics paper | — |

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

First Degree Courses: B.Sc. (Economics) Revised Regulations

| | <i>Lectures, Classes and Seminars</i> |
|---|---|
| * <i>(k)</i> A report of not more than 10,000 words on an approved topic in statistical theory or a field of application (to be presented not later than 1 April in the candidate's third year) | — |
| *7 and *8. Two approved papers taught outside the department of Statistics | — |
| XII. Computing | |
| *1. Elements of Computer Science | 939-41a, 948, 948a |
| 2. Systems Analysis and Design | — |
| 3. Application of Computers | — |
| 4. <i>One</i> of the following: | |
| <i>(a)</i> Numerical Methods | 941, 941a, 949(i), 949a |
| <i>(b)</i> Operational Research Methods | — |
| <i>(c)</i> Accounting—Management and Economic Aspects | 151, 151a, 935 |
| <i>(d)</i> Theory of Business Decisions | — |
| * <i>(e)</i> Economics of Industry | 37, 37a |
| 5 and 6. <i>Two</i> of the following: | |
| <i>(a)</i> One or two of the papers not taken under 4 above | — |
| * <i>(b)</i> Probability, Distribution Theory and Inference | 923-4a |
| <i>(c)</i> Social Statistics | — |
| <i>(d)</i> Statistical Demography | 680, 680a, 684 |
| * <i>(e)</i> Elementary Statistical Theory (<i>if not taken at Part I</i>) | 920, 920a |
| <i>(f)</i> Econometrics I | 932, 932a |
| <i>(g)</i> An approved mathematics paper | — |
| *7 and *8. Two approved papers taught outside the department of Statistics | — |
| XIII. International Relations | |
| *1. International History since 1914 | 285, 285a |
| 2. International Politics | 581, 581a, 587, 598-600 |
| 3. Foreign Policy Analysis | — |
| 4. International Institutions | 591, 591b, 592 |

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

First Degree Courses: B.Sc. (Economics) Revised Regulations

| | Lectures, Classes and Seminars |
|--|-----------------------------------|
| 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: | |
| * <i>(a)</i> International Law (<i>unless taken at Part I</i>) | 450, 450a |
| <i>(b)</i> Sociology of International Law | — |
| <i>(c)</i> Theories of International Politics | — |
| <i>(d)</i> The Politics of International Economic Relations | — |
| <i>(e)</i> Strategic Studies | — |
| <i>(f)</i> International History (Special Period) chosen from the following: | |
| <i>(i)</i> International Socialism and the Problem of War, 1870-1914 | — |
| or <i>(ii)</i> Great Britain and the Peace Conference of 1919 | — |
| or <i>(iii)</i> The Manchurian Crisis, 1931-1933 | — |
| or <i>(iv)</i> The League of Nations in Decline, March 1933 - December 1937 | — |
| <i>(g)</i> Any other subject approved by the candidate's teachers within the field of International Relations | — |
| <i>(h)</i> An essay of not more than 10,000 words to be written during the course of study on an approved subject (to be presented not later than 1 April in the candidate's third academic year) | — |
| *7 and *8. Two approved papers taught outside the department of International Relations | — |

XIV. Social Anthropology

| | |
|--|----------------|
| 1. Kinship and Social Organization | 643 |
| 2. Economic and Political Systems of Primitive and Peasant Societies | 644 |
| 3. Moral and Ritual Systems | — |
| 4. History and Theory of Social Anthropology | — |
| *5. Ethnography of an approved special area | 646, 646a |
| 6. One of the following: | |
| * <i>(a)</i> Economic Principles | 26, 26a |
| * <i>(b)</i> General Economics | 25, 25a |
| <i>(c)</i> Sociological Theory | — |
| * <i>(d)</i> Elements of Demographic Analysis | 682-4a |
| * <i>(e)</i> Introduction to Logic (<i>unless taken at Part I</i>) | 491, 491a |
| * <i>(f)</i> Introduction to Scientific Method (<i>unless taken at Part I</i>) | 485, 485a, 486 |

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

First Degree Courses: B.Sc. (Economics) Revised Regulations

| | Lectures, Classes and Seminars |
|---|-----------------------------------|
| * <i>(g)</i> An approved paper in Psychology | — |
| 7 and 8. Two of the following: | |
| <i>(a)</i> * <i>(i)</i> Social Aspects of Political and Economic Development or <i>(ii)</i> Primitive Art | — |
| * <i>(b)</i> Either one or two approved papers taught outside the department of Anthropology | — |

XV. International History

(For candidates beginning the Part II course in October 1973)

| | |
|---|----------------|
| 1. International History, 1494-1815 | 283, 283a |
| 2. International History, 1815-1914 | 284, 284a |
| 3. International History since 1914 | 285, 285a |
| 4. One of the following: | |
| <i>(a)</i> William III and Louis XIV, 1698-1702 | — |
| <i>(b)</i> The Great Powers and Egypt, 1882-1888 | — |
| <i>(c)</i> The Great Powers and the Balkans, 1908-1914 | — |
| <i>(d)</i> Great Britain and the Peace Conference of 1919 | — |
| <i>(e)</i> The Manchurian Crisis, 1931-1933 | — |
| <i>(f)</i> The League of Nations in Decline, March 1933-December 1937 | — |
| 5. One of the following: | |
| <i>(a)</i> International Institutions | — |
| * <i>(b)</i> International Economic History, 1850-1945 | 258, 258a |
| <i>(c)</i> British-American-Russian Relations, 1815-1914 | — |
| <i>(d)</i> The Mediterranean in International Politics, 1815-1914 | — |
| <i>(e)</i> The Baltic in International Politics since 1815 | — |
| <i>(f)</i> International Socialism and the Problem of War, 1870-1914 | — |
| <i>(g)</i> The Great Powers and the Near and Middle East, 1898-1956 | — |
| 6. One of the following: | |
| * <i>(a)</i> An approved paper in Economic History | — |
| * <i>(b)</i> An approved paper in International Relations | — |
| * <i>(c)</i> International Law (<i>unless taken at Part I</i>) | 450, 450a |
| <i>(d)</i> An approved Modern Foreign Language | by arrangement |
| * <i>(e)</i> Historical Geography | 210, 210a |
| * <i>(f)</i> Economic Geography | 203, 203a |

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

First Degree Courses: B.Sc. (Economics) Revised Regulations

| | Lectures, Classes and Seminars |
|--|-----------------------------------|
| *7 and *8. Two approved papers taught outside the department of International History | — |
| (For candidates beginning the Part II course in and after October 1974) | |
| 1. International History, 1494-1815 | — |
| 2. International History, 1815-1914 | — |
| 3. International History, since 1914 | — |
| 4. One of the following: | |
| (a) William III and Louis XIV, 1698-1702 | — |
| (b) The Great Powers and Egypt, 1882-1888 | — |
| (c) The Great Powers and the Balkans, 1908-1914 | — |
| (d) Great Britain and the Peace Conference of 1919 | — |
| (e) The Manchurian Crisis, 1931-1933 | — |
| (f) The League of Nations in Decline, March 1933-December 1937 | — |
| 5 and 6. Two of the following: | |
| (a) War and Society, 1600-1815 | — |
| (b) Revolution, civil war, and intervention in the Iberian Peninsula, 1808-1854 | — |
| (c) British-American-Russian Relations, 1815-1914 | — |
| (d) The Mediterranean in International Politics, 1815-1914 | — |
| (e) The Baltic in International Politics since 1815 | — |
| (f) International Socialism and the Problem of War, 1870-1918 | — |
| (g) Fascism and National Socialism in International Politics, 1922-1939 | — |
| (h) 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 | — |
| (b) Economic History of England, 1603-1830 | — |
| (c) Economic History of England from 1815 | — |
| (d) Economic History of the United States of America from 1783 | — |
| (e) Economic History of Latin America from Independence to the present day | — |
| (f) Economic History of Western Europe from 1815 | — |
| or (g) International Economic History, 1850-1945 | — |
| (h) Political Thought | — |

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

First Degree Courses: B.Sc. (Economics) Revised Regulations

| | Lectures, Classes and Seminars |
|---|-----------------------------------|
| or (i) Modern Political Thought | — |
| (j) History of British Politics in the Twentieth Century | — |
| or (k) Modern British Government | — |
| (l) History of British Politics from the Seventeenth to the Twentieth Century | — |
| (m) Politics and Government of a Foreign or Commonwealth country | — |
| (n) International Politics | — |
| (o) International Institutions | — |
| (p) International Law (unless taken at Part I) | — |
| (q) Politics of International Economic Relations | — |
| (r) An approved foreign language | — |

XVI. Geography

*1, 2 and 3. Three of the following:

| | |
|---|-----------|
| (a) Economic Geography | 203, 203a |
| (b) Either (i) Theory and Techniques of Spatial Analysis (unless taken at Part I) | 183 |
| or (ii) Applied Spatial Analysis | 187 |
| (c) Urban and Social Geography | 207 |
| (d) Man and his Physical Environment | 185 |

4 and 5. Two of the following:

| | |
|---------------------------------------|---|
| (a) Advanced Economic Geography | — |
| (b) Urban and Regional Systems | — |
| (c) Advanced Social Geography | — |
| (d) An independent Geographical Study | — |

6. One of the following:

| | |
|---|---|
| (a) Historical Geography | — |
| (b) Political Geography | — |
| (c) An approved Regional Study | — |
| (d) Any paper under 4 and 5 above not already taken | — |

In special cases with the approval of the School, candidates may substitute for one of the options under 4, 5 and 6 above an appropriate course from the B.Sc. Geography degree syllabus.

*7 and *8. Two approved papers taught outside the department of Geography.

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

| | <i>Lectures, Classes and Seminars</i> |
|--|---|
| XVII. Philosophy | |
| 1. Scientific Method | 485-6, 501 |
| 2. History of Modern Philosophy, Bacon to Kant | 488, 488a |
| 3. <i>Either</i> (a) Mathematical Logic or (b) Logic | 491, 491a 491-2, 501 |
| 4. Epistemology and Metaphysics | 489 |
| 5 and 6. <i>Two</i> of the following: | |
| (a) The Rise of Modern Science, Copernicus to Newton | 490, 490a |
| (b) <i>Either</i> *(i) Social Philosophy or (ii) Political Philosophy | 836, 838b 517, 517a |
| (c) <i>Either</i> (i) An essay written during the course of Study or (ii) An essay written under examination conditions | — — |
| (d) An Approved Modern Foreign Language | by arrangement |
| *7 and *8. Two approved papers taught outside the department of Philosophy | — |

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

Degree of Bachelor of Science in Economics: Old Regulations

(For candidates registered before October 1972)

Course of Study

A student is eligible to present himself for Part II of the Examination after having satisfactorily attended approved courses extending over two academic years after completing the course of study for Part I.

Part II

Special Subjects

Part II of the examination consists of eight subjects as prescribed for each special subject below:

Only third-year lectures and classes have been listed.

I. Economics, Analytical and Descriptive

N.B. Students of the School who take all three of the following subjects: Economic Institutions Compared, The Economics of Planning, and Economic Development cannot take Public Finance. Save in exceptional circumstances all other students of the School must take Public Finance under paper 3 or 8.

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| 1. Political Thought | 511a, 513, 514 |
| 2. <i>One</i> of the following: | |
| (a) History: | |
| <i>either</i> (i) Economic History | 251a |
| or (ii) Political History | 295 |
| (b) Introduction to Modern Mathematics (<i>This paper may not be taken by candidates who have taken Basic Mathematics at Part I</i>) | 900b, 912 |
| (c) Mathematics A | 912b |
| (d) Mathematics B | 913b |
| 3. <i>One</i> of the following: | |
| (a) Scientific Method | 485, 485b, 487, 499 |
| (b) Accounting—Management and Economic Aspects | 157, 157a, 161 |
| (c) An Approved Modern Foreign Language (<i>Students at the School who are taking this option should normally have taken the language of their choice at A level or at Part I</i>) | — |
| (d) Public Finance | 96 |
| (e) Elements of Statistical Theory and Methods (<i>This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I</i>) | 921 |

First Degree Courses: B.Sc. (Economics) Old Regulations

| | Lectures, Classes and Seminars |
|---|--------------------------------|
| (f) Commercial Law | 446, 446a, 447, 447a |
| (g) Economic Geography | 205 |
| (h) Elements of Social Structure II (This paper may not be taken by candidates who have taken Elements of Social Structure I at Part I) | 831 |
| (i) Economic Institutions Compared | — |
| (j) The Economics of Planning | 92, 92a |
| (k) Economic Development | 50, 50a, 50b |
| 4. Economic Principles | — |
| 5. Problems of Applied Economics | — |
| 6. One of the following: | |
| (a) Economic Statistics | 930b |
| (b) Economic Institutions Compared (not if taken in 3 or 8) | — |
| (c) The Economics of Planning (not if taken in 3 or 8) | 92, 92a |
| (d) Economic Development (not if taken in 3 or 8) | 50, 50a, 50b |
| 7. Development of Economic Analysis | 30, 30a |
| 8. One of the following: | |
| (a) Principles of Monetary Economics | 46 |
| (b) International Economics | 49, 49a |
| (c) History of Economic Thought | 29, 29a |
| (d) Economics treated Mathematically | 32, 32a, 952, 952a |
| (e) Public Finance (if not taken in 3 above) | 96 |
| (f) Economics of Labour | 39, 39a, 96 |
| (g) Economic Institutions Compared (not if taken in 3 or 6) | — |
| (h) The Economics of Planning (not if taken in 3 or 6) | 92, 92a |
| (i) Economic Development (not if taken in 3 or 6) | 50, 50a, 50b |

II. Economics and Econometrics

| | |
|---|--------------------|
| Either | |
| 1. (a) Economic Principles | — |
| 2. (a) Economics treated Mathematically | 32, 32a, 952, 952a |
| 3. (a) (i) Mathematics A | 912b |
| or (ii) Mathematics B | 913b |
| or (iii) Introduction to Analysis and Set Theory (unless taken at Part I) | — |
| or (iv) Real Variable (This paper may be taken only by candidates who have taken Introduction to Analysis and Set Theory at Part I) | — |

First Degree Courses: B.Sc. (Economics) Old Regulations

| | Lectures, Classes and Seminars |
|---|--------------------------------|
| or | |
| <i>in the case of candidates who have taken Introduction to Mathematical Economics and Algebra and Methods of Analysis at Part I:</i> | |
| 1. (b) Mathematical Economics I | — |
| 2. (b) Mathematical Economics II | 36(ii)–36(iii) |
| 3. (b) (i) Mathematics B | 913b |
| or (ii) Introduction to Analysis and Set Theory (unless taken at Part I) | — |
| or (iii) Real Variable (This paper may be taken only by candidates who have taken Introduction to Analysis and Set Theory at Part I) | — |
| 4. Either | |
| (a) Political Thought | 511a, 513, 514 |
| or | |
| (b) History: | |
| either (i) Economic History | 251a |
| or (ii) Political History | 295 |
| 5. One of the following: | |
| (a) Elements of Statistical Theory and Methods (This paper must be taken by candidates who have not taken Elementary Statistical Theory at Part I and may be taken only by such candidates) | 921 |
| (b) Statistical Theory | 924, 924a, 929 |
| (c) Management Mathematics | 951-952a |
| (d) Accounting—Management and Economic Aspects | 157, 157a, 161 |
| (e) Development of Economic Analysis | 30, 30a |
| 6. Problems of Applied Economics | — |
| 7 | |
| and | } Either |
| 8 | |
| 7. (a) Economic Statistics | 930b |
| and 8 (a) Econometrics | 33, 33a |
| or | |
| 7. (b) Econometric Theory | 36(iii), 932, 932a |
| and 8 (b) Applied Econometrics | 34(ii), 34a, 36(iii) |
| (Options 7 (b) and 8 (b) may be taken only if Statistical Theory is taken at paper 5) | |

III. Monetary Economics

N.B. Students at the School will be required to take Public Finance under paper 3 or paper 8. Only those who have taken a Mathematics or Statistics subject at Part I may take Economic Statistics; otherwise, students will normally be expected to take International Economics.

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| 1. Political Thought | 511a, 513, 514 |
| 2. History: | |
| <i>either</i> (i) Economic History | 251a |
| or (ii) Political History | 295 |
| 3. <i>One of the following:</i> | |
| (a) Scientific Method | 485 |
| (b) Accounting—Management and Economic Aspects | 157, 157a, 161 |
| (c) Economic Geography | — |
| (d) An Approved Modern Foreign Language <i>(Students at the School who are taking this option should normally have taken the language of their choice at A level or at Part I)</i> | — |
| (e) Constitutional and Administrative Law | — |
| (f) Commercial Law | 446, 446a, 447, 447a |
| (g) Elements of Social Structure II <i>(This paper may not be taken by candidates who have taken Elements of Social Structure I at Part I)</i> | 831 |
| (h) Mathematics A | — |
| (i) Introduction to Modern Mathematics <i>(This paper may not be taken by candidates who have taken Basic Mathematics at Part I)</i> | — |
| (j) Public Finance | 96 |
| 4. Economic Principles | — |
| 5. Problems of Applied Economics | — |
| 6. Principles of Monetary Economics | 43, 43a, 46 |
| 7. Monetary Institutions | 44-47 |
| 8. <i>One of the following:</i> | |
| (a) History of Economic Thought | 29, 29a |
| (b) International Economics | 49, 49a |
| (c) Economic Statistics | 930b |
| (d) Public Finance <i>(if not taken in 3 above)</i> | 96 |
| (e) Economics of Labour | 39, 39a, 96 |

IV. Industry and Trade

| | |
|------------------------|---|
| 1. Economic Principles | — |
|------------------------|---|

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| 2. <i>Either</i> (a) Political Thought | 511a, 513, 514 |
| or (b) History | |
| <i>either</i> (i) Economic History | 251a |
| or (ii) Political History | 295 |
| 3. <i>Either</i> (a) Elements of Statistical Theory and Methods <i>(This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I)</i> | 921 |
| or (b) Economic Statistics | 930b |
| or (c) Elements of Management Mathematics <i>(This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I)</i> | — |
| 4. Business Administration | 38, 38a |
| 5. Industry and Trade | 37, 37a |
| 6, 7 and 8. <i>Three of the following. Students at the School are recommended to take:</i> | |
| <i>either</i> (a), (b) and one of (c), (d), (e) or (h) | |
| or any three of (b), (e), (f), (h) or (j) | |
| but other combinations of papers may be approved | |
| (a) Development of Economic Analysis | 30, 30a |
| (b) Problems of Applied Economics | — |
| (c) History of Economic Thought | 29, 29a |
| (d) Economics treated Mathematically | 32, 32a, 952, 952a |
| (e) Economics of Labour | 39, 39a, 96 |
| (f) Commercial Law <i>(Candidates taking this paper will be required to have taken English Legal Institutions at Part I)</i> | 446, 446a, 447 |
| (g) Business Finance ¹ | — |
| (h) Accounting—Management and Economic Aspects | 157, 157a, 161 |
| (i) <i>Either</i> Mathematics A | 912b |
| or Mathematics B | 913b |
| (j) Labour Law <i>(Candidates taking this paper will be required to have taken English Legal Institutions at Part I)</i> | 448, 448a |

V. Accounting and Finance

| | |
|--|----------------|
| 1. <i>Either</i> (a) Political Thought | 511a, 513, 514 |
| or (b) History | |
| <i>either</i> (i) Economic History | 251a |

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

First Degree Courses: B.Sc. (Economics) Old Regulations

| | Lectures, Classes and Seminars |
|--|--|
| or (ii) Political History | 295 |
| <i>(With the permission of the School, candidates may substitute for 1 (b) (i) or (ii) a paper in Economic History from VI. Economic History, Modern, or VII. Economic History, Mediaeval)</i> | |
| 2. One of the following: | |
| (a) Elements of Management Mathematics <i>(This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I)</i> | — |
| (b) Business Administration | 38, 38a |
| (c) Mathematics A | 912b |
| (d) Mathematics B | 913b |
| (e) Elements of Statistical Theory and Methods <i>(This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I)</i> | 921 |
| (f) Economics treated Mathematically | 32, 32a, 952, 952a |
| (g) Introduction to Modern Mathematics <i>(This paper may not be taken by candidates who have taken Basic Mathematics at Part I)</i> | 912, 912b |
| (h) Management Mathematics | 951-952b |
| (i) Introduction to Analysis and Set Theory <i>(unless taken at Part I)</i> | — |
| 3. Economic Principles | — |
| 4. <i>Either (a) Problems of Applied Economics or (b) Industry and Trade</i> | 37, 37a |
| 5. Commercial Law | 447, 447a |
| 6, 7 and 8. Accounting and Finance | 155, 155a, 156, 156a, 157, 157a, 158, 158a, 159, 160 |
| VI. Economic History, Modern | |
| 1. Economics | — |
| 2. Political Thought | 511a, 513, 514 |
| 3. English Economic History, 1485-1760 | 268 |
| 4. English Economic History from 1760 | — |
| 5 and 6. <i>One of the following:</i> | |
| (a) Economic and Political History of England, c. 1575-1642 | 265 |
| (b) Economic and Political History of England, 1830-1886 | 266 |
| (c) Britain and the International Economy, 1929-1936 | 267 |
| Candidates may substitute for one paper an essay of not more than 10,000 words written during the course of study, on an approved topic. | |

First Degree Courses: B.Sc. (Economics) Old Regulations

| | Lectures, Classes and Seminars |
|---|--------------------------------|
| 7. Economic History of the United States of America from 1783 | 257, 257a |
| 8. <i>One of the following:</i> | |
| (a) English Constitutional History since 1660 | — |
| (b) <i>Either (i) International History 1815-1914 or (ii) International History since 1914</i> | — |
| (c) International Economic History, 1850-1945 | — |
| (d) An Approved Modern Foreign Language <i>(Students at the School who are taking this option should normally have taken the language of their choice at A level or at Part I)</i> | — |
| (e) Scientific Method | 485 |
| (f) Social Philosophy | 838c |
| (g) Elements of Social Structure II <i>(This paper may not be taken by candidates who have taken Elements of Social Structure I at Part I)</i> | 831 |
| (h) Economic Statistics | 930b |
| (i) Historical Geography | 210, 210a |
| (j) Political History | 295 |
| (k) Social Aspects of Political and Economic Development <i>(This paper may be taken only by candidates who have taken Principles and Methods of Social Anthropology at Part I or have completed course work in this subject to the satisfaction of the School)</i> | — |
| VII. Economic History, Mediaeval | |
| 1. Economics | — |
| 2. Political Thought | 511a, 513-4 |
| 3 and 4. Economic History of England and Western Europe in the Middle Ages | 264 |
| 5 and 6. Economic and Political History of England 1377-1485 | 264 |
| Candidates may substitute for one paper an essay of not more than 10,000 words written during the course of study, on an approved topic. | |
| 7 and 8. <i>Two of the following:</i> | |
| (a) English Constitutional History to 1485 | — |
| (b) English Constitutional History since 1660 | — |
| (c) English Economic History, 1485-1760 | 268 |
| (d) English Economic History from 1760 | — |
| (e) <i>Either (i) International History, 1815-1914 or (ii) International History since 1914</i> | — |
| (f) International Economic History, 1850-1945 | — |

First Degree Courses: B.Sc. (Economics) Old Regulations

Lectures, Classes and Seminars

| | |
|---|-----------|
| (g) Economic History of the United States of America from 1783 | 257, 257a |
| (h) Political Thought (Set Texts) | — |
| (i) An Approved Modern Foreign Language (Students at the School who are taking this option should normally have taken the language of their choice at A level or at Part I) | — |
| (j) Scientific Method | 485 |
| (k) Historical Geography | 210, 210a |
| (l) Social Philosophy | 838c |

VIII. Government

1. Economics —
2. History:
 - either (i) Economic History 215a
 - or (ii) Political History 295
3. One of the following:
 - (a) English Constitutional History since 1660 —
 - (b) Constitutional and Administrative Law 449b
 - (c) International Institutions 585, 591, 591a, 592, 593
 - (d) History of Economic Thought 29, 29a
 - (e) Scientific Method 485, 485b
 - (f) An Approved Modern Foreign Language (Students at the School who are taking this option should normally have taken the language of their choice at A level or at Part I) —
 - (g) Local Government of England and Wales —
4. Political Thought 511a, 513, 514
5. Political Thought (Set Texts) —
6. The Politics and Government of the United Kingdom 532, 533, 537, 559
7. Comparative Political Institutions 540b
8. One of the following:
 - (a) Political Philosophy 517b
 - (b) Contemporary Political Thought 518, 518b
 - (c) The Politics and Government of a Foreign or Commonwealth Country 451, 541, 542, 542a, 544a, 545b
 - (d) Contemporary Political Analysis —

First Degree Courses: B.Sc. (Economics) Old Regulations

IX. Sociology

Lectures, Classes and Seminars

| | |
|---|----------------|
| 1. Economics | — |
| 2. Political Thought | 511a, 513, 514 |
| 3. History: <ul style="list-style-type: none"> either (i) Economic History 251a or (ii) Political History 295 | |
| 4. Theories and Methods of Sociology | 834, 844 |
| 5. Social Philosophy | 838c |
| 6. Social Structure of Modern Britain | 255, 846a |
| 7. Essay on a Sociological Subject | — |
| 8. One of the following: <ul style="list-style-type: none"> (a) Demography I 684a (b) Social Psychology 700, 700b (c) Criminology 854(ii), 854b (d) Comparative Morals and Religion — (e) Political Sociology 851, 851a (f) Industrial Sociology 345(ii), 853(ii), 853a (g) Sociology of Education — | |

X. Statistics

In addition to written papers, the examination will include inspection by the examiners of notebook records of practical work done during the course of study and, in the case of paper 6, of the dissertation completed during the course of study. Logarithm and statistical tables will be provided by the University, and slide rules may be brought to the examination in papers 3-8. Actuarial tables will be provided for candidates taking Actuarial Statistics.

1 and 2. Two of the following:

- (a) Either (i) Economic Principles —
- or (ii) Mathematical Economics I (This paper may be taken only by candidates who have taken Introduction to Mathematical Economics at Part I) —
- (b) Either (i) Economics treated Mathematically (This paper may not be taken by candidates taking 1 and 2 (a) (ii) Mathematical Economics I) 32, 32a, 952, 952a

First Degree Courses: B.Sc. (Economics) Old Regulations

| | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| or (ii) Mathematical Economics II (<i>This paper may be taken only by candidates taking 1 and 2 (a) (ii) Mathematical Economics I</i>) | 36(ii)-36(iii) |
| (c) Political Thought | 511a, 513, 514 |
| (d) Scientific Method | 485 |
| (e) Social Structure of Modern Britain | 846a |
| 3. <i>Either (a) Mathematics B</i> | 913b |
| or (b) Introduction to Analysis and Set Theory (<i>unless taken at Part I</i>) | — |
| or (c) Real Variable (<i>This paper may be taken only by candidates who have taken Introduction to Analysis and Set Theory at Part I</i>) | — |
| 4. Probability, Distribution and Sampling Theory | 924, 924a, 929 |
| 5. Theory of Statistical Methods | 926, 926a, 927 |
| 6. Applied Statistical Methods (<i>No written examination. Candidates will be assessed on practical work and a dissertation presented during the course of study.</i>) | — |
| 7 and 8. <i>Two of the following:</i> | |
| (a) Actuarial Statistics | 937, 937a |
| (b) Demography II | 681, 684a, 685, 686 |
| (c) Social Statistics and Survey Methodology | 927, 928, 933-934, 969 |
| (d) Econometric Theory | 36(iii), 932, 932a |
| (e) Applied Econometrics | 34(ii), 36(iii) |
| (f) Numerical Methods and Programming | 949(ii), 949a |
| (g) Management Mathematics | 951-952a |
| (h) Mathematical Logic | 493, 493a, 495 |

XI. Computing

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

1. *Either (a) Economic Principles* —
- or (b) *Mathematical Economics I (This paper may be taken only by candidates who have taken Introduction to Mathematical Economics at Part I and who are taking Mathematics B at Part II)* —

First Degree Courses: B.Sc. (Economics) Old Regulations

| | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| 2. <i>Either (a) Mathematical Economics II (This paper may be taken only by candidates taking Mathematical Economics I)</i> | 36(ii)-36(iii) |
| or (b) Mathematical Logic | 493, 493a, 495 |
| or (c) Political Thought | 511a, 513, 514 |
| or (d) Economics treated Mathematically (<i>This paper may not be taken by candidates taking 1(b) Mathematical Economics I</i>) | 32, 32a, 952, 952a |
| 3. Management Data Processing | 161, 943, 943a, 946, 946a, 947, 947a |
| 4. Elements of Computer Science | 940, 948, 948a |
| 5, 6 and 7. <i>Three of the following:</i> | |
| (a) Management Mathematics | 952-952a |
| (b) Numerical Methods and Programming | 949(ii), 949a |
| (c) Probability, Distribution and Sampling Theory | 924, 924a, 929 |
| (d) Social Statistics and Survey Methodology | 927, 928, 933-34, 969 |
| (e) Elements of Statistical Theory and Methods (<i>This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I</i>) | 921 |
| (f) Demography II | 681, 684a, 685, 686 |
| (g) <i>Either (i) Problems of Applied Economics</i> | — |
| or (ii) Industry and Trade | 37, 37a |
| (h) <i>Either (i) Mathematics A</i> | 912b |
| or (ii) Mathematics B | 913b |
| or (iii) Introduction to Analysis and Set Theory (<i>not if taken at Part I</i>) | — |
| or (iv) Real Variable (<i>This paper may be taken only by candidates who have taken Introduction to Analysis and Set Theory</i>) | — |
| 8. General Computing | 944, 945, 984 |

XII. International Relations

1. Economics —
2. Political Thought 511a, 513, 514
3. International History since 1914 —
4. International Politics —

First Degree Courses: B.Sc. (Economics) Old Regulations

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| 5. Foreign Policy Analysis | 584, 584a |
| 6. International Institutions | 585, 593, 593a |
| 7 and 8. Any two of the following save that <i>International Law may not be taken by candidates who have taken it at Part I; all other candidates must take at least one of the two options International Law, Sociology of International Law</i> | |
| (a) Theories of International Politics | 595, 596, 596a, 597 |
| (b) The Politics of International Economic Relations | 601, 601a |
| (c) Strategic Studies | 603, 604, 607 |
| (d) Sociology of International Law | 608, 608a |
| (e) International Law | 450, 450a |
| (f) International History 1815-1914 | — |
| (g) International History (Special Period) chosen from the following: | |
| (i) International Socialism and the Problem of War, 1870-1914 | 288, 288a |
| or (ii) Great Britain and the Paris Peace Conference of 1919 | 293 |
| or (iii) The Manchurian Crisis, 1931-1933 | — |
| or (iv) The League of Nations in Decline, March 1933-December 1937 | 294 |
| (h) An Approved Modern Foreign Language (<i>Students at the School who are taking this option should normally have taken the language of their choice at A level or at Part I</i>) | — |
| (i) Any other subject approved by the candidate's teachers | — |
| (j) An Essay of not more than 10,000 words to be written during the course of study on an approved topic | — |
| XIII. Social Anthropology | |
| 1. Economics | — |
| 2. <i>Either</i> | |
| (a) Political Thought | 511a, 513, 514 |
| or | |
| (b) Social Aspects of Political and Economic Development | 651 |
| 3. History: | |
| either (i) Economic History | 251a |
| or (ii) Political History | 295 |

First Degree Courses: B.Sc. (Economics) Old Regulations

| | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| 4. General Principles of Cultural and Social Anthropology | 643, 650 |
| 5. Economic and Political Systems | 644(i), 644(ii) |
| 6. Moral and Ritual Systems | 645 |
| 7. Ethnography of a Special Area | 646, 646a |
| 8. Development of Social Anthropology | 649(i), 649(ii) |
| XIV. International History | |
| 1. Economics | — |
| 2. Political Thought | 511a, 513, 514 |
| 3. <i>One of the following:</i> | |
| (a) Economic History | 251a |
| (b) International Politics | 581a |
| (c) International Law (<i>This paper may not be taken by candidates who have taken International Law at Part I</i>) | 450, 450a |
| (d) An Approved Modern Foreign Language (<i>Students at the School who are taking this option should normally have taken the language of their choice at A level or at Part I</i>) | — |
| (e) Historical Geography | 210, 210a |
| (f) Economic Geography | 205 |
| 4. International History, 1494-1815 | — |
| 5. International History, 1815-1914 | — |
| 6. International History since 1914 | — |
| 7. <i>One of the following:</i> | |
| (a) William III and Louis XIV, 1698-1702 | 290 |
| (b) The Great Powers and Egypt, 1882-1888 | 291 |
| (c) The Great Powers and the Balkans, 1908-1914 | 292 |
| (d) Great Britain and the Paris Peace Conference of 1919 | 293 |
| (e) The Manchurian Crisis, 1931-1933 | — |
| (f) The League of Nations in Decline, March 1933-December 1937 | 294 |
| 8. <i>One of the following:</i> | |
| (a) International Institutions | 585, 591, 591a, 592, 593 |
| (b) International Economic History, 1850-1945 (<i>This paper may be taken only by candidates who do not offer Economic History under 3</i>) | 258, 258a |
| (c) British-American-Russian Relations, 1815-1914 | 287 |

First Degree Courses: B.Sc. (Economics) Old Regulations

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| (d) The Mediterranean in International Politics, 1815-1914 | 286, 286a |
| (e) The Great Powers and the Near and Middle East, 1898-1956 | 289, 289a |
| (f) The Baltic in International Politics since 1815 | — |
| (g) International Socialism and the Problem of War, 1870-1914 | 288, 288a |

XV. Geography

In addition to the written papers, the examination will include inspection by the examiners of original notebooks and evidence of field work. The examiners simply require clear records of evidence that the candidate has received instruction in field work or has gained the necessary knowledge and experience by carrying out a programme of field work on his own initiative.

| | |
|--|-----------------|
| 1. Economics | — |
| 2. Economic Geography | 205, 206 |
| 3. Economic and Regional Geography of the British Isles | 214 |
| 4. The Geography of an Approved Region: <i>one of the following:</i> | |
| (a) Africa | 190, 191 |
| (b) Australia and New Zealand ¹ | — |
| (c) Europe (excluding the U.S.S.R.) | 193(i), 193(ii) |
| (d) Latin America | 217, 218 |
| (e) Middle East | — |
| (f) Monsoon Asia | 195 |
| (g) North America | 197 |
| (h) U.S.S.R. | 194 |
| 5 and 6. <i>Two of the following:</i> | |
| (a) Political Thought | 511a, 513, 514 |
| (b) Economic Statistics | 903b |
| (c) An Approved Modern Foreign Language <i>(Students at the School should normally have taken the language of their choice at A level or at Part I)</i> | — |
| (d) History: | |
| either (i) Economic History | 251a |
| or (ii) Political History | 295 |
| (e) Social Structure of Modern Britain | 846a |

¹There will be no teaching at the School for this paper in the session 1973-74.

First Degree Courses: B.Sc. (Economics) Old Regulations

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| (f) either (i) Introduction to Analysis and Set Theory (<i>unless taken at Part I</i>) | — |
| or (ii) Subject to the approval of the candidate's teachers, another Mathematics subject approved for Part II of the B.Sc. (Econ). degree | — |
| (g) International Politics | 581a, 587 |
| (h) Economic and Political Systems (Social Anthropology) (<i>This paper may be taken only by candidates who have taken Principles and Methods of Social Anthropology at Part I or have completed course work in this subject to the satisfaction of the School</i>) | 644(i), 644(ii) |
| 7 and 8. <i>Two of the following:</i> | |
| (a) Regional Analysis | 208 |
| (b) Historical Geography | 210, 210a, 211 |
| (c) Social Geography | — |
| (d) Urban Geography | — |
| (e) Political Geography | — |
| (f) Man and his Physical Environment | 185 |
| (g) Geomorphology | — |
| (h) Economics and Geography of Transport | 52, 52a |
| (i) An independent geographical essay, not exceeding 5,000 words, on an approved topic | — |

XVI. Philosophy

| | |
|---|----------------|
| 1. Economics | — |
| 2. <i>Either</i> (a) Political Thought | 511a, 513, 514 |
| or (b) Introduction to Modern Mathematics <i>(This paper may not be taken by candidates who have taken Basic Mathematics at Part I)</i> | 912 |
| or (c) Introduction to Analysis and Set Theory <i>(unless taken at Part I)</i> | — |
| or (d) Introduction to Topology and Axiomatic Set Theory (<i>This paper may be taken only by candidates who have taken Introduction to Analysis and Set Theory at Part I</i>) | — |
| 3 <i>One of the following:</i> | |
| (a) History: | |
| either (i) Economic History | 251a |
| or (ii) Political History | 295 |
| (b) Philosophy and History of Science | 490, 490a |

First Degree Courses: B.Sc. (Economics) Old Regulations

Lectures, Classes and Seminars

- | | |
|---|----------------|
| (c) Elements of Statistical Theory and Methods (This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I) | 921 |
| 4. Either | |
| (a) Moral and Political Philosophy | — |
| or | |
| (b) Mathematical Logic | 493, 493a, 495 |
| 5. Logic and Methodology | 492, 502 |
| 6. History of Modern Philosophy | 488, 488a |
| 7. Epistemology and Metaphysics | 489, 500 |
| 8. One of the following: | |
| (a) Philosophy of Social Sciences | 487, 499 |
| (b) Philosophy and History of Science (if not taken under 3) | 490, 490a |
| (c) Essay on a philosophical subject | — |
| (d) Essay, normally of 5,000 words, maximum 7,500, on a subject selected by the candidate in his final year, with the approval of the School, to be submitted through the School by 1 May preceding the final examination | — |

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

First Degree Courses

B.Sc. Degree in the Faculty of Economics

The degree is organized on the basis of 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 B.Sc. 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 eight 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 are available, within which candidates may qualify for Honours:

- Geography*
- Mathematics (for candidates registered before 1973)
- Mathematics, Statistics and Computing (for candidates registered in and after October 1973)
- Mathematics and Philosophy
- Social Anthropology
- Social Psychology
- Sociology

*Although students registered before October 1973 reading for the B.Sc. Degree, Main Field Geography, are formally registered in the Faculty of Science, the subject is included here for intelligibility.

First Degree Courses

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 All students must undertake field work. The compulsory field courses normally last for a week and are taken annually in each of the Easter vacations. Certain courses involve additional field work.
- 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 | 184 |
| 2. Human Geography | 1 | 420/0113 | 186 |
| 3. Theory and Techniques of Spatial Analysis | 1 | 420/0114 | 183 |
| 4. One course outside Geography (See List of courses outside Geography) | 1 | | |
| 5. Field Studies (continued in 2nd and 3rd years) | $\frac{1}{2}$ | 420/0600 | |

First Degree Courses

Students in the third year of the course 1973-74.
Compulsory Courses

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|------------------------------------|-----------------------|----------------------------|-------------------------------|
| 1. British Isles | 1 | 420/0205 | — |
| 2. A course or courses from List A | 1 | | |
| 3. A course or courses from List B | 1 | | |
| 4. Field Studies (continued) | | | |

Optional Courses

5. Courses to the value of $2\frac{1}{2}$ course units selected from the following: $2\frac{1}{2}$
 - (i) Lists A or B
 - (ii) List of courses outside geography (up to a maximum of two course units)
 - (iii) Geographical Essay (of not more than 5,000 words on an approved topic) 1 **420/0610**

| | Value in Course Units | Course Registration Number | Normally Taken in Year | Lectures Classes and Seminars |
|---|-----------------------|----------------------------|------------------------|-------------------------------|
| List A: Systematic Courses | | | | |
| Advanced Geomorphology—I | 1 | 420/0260 | 2 or 3 | 198 |
| Advanced Geomorphology—II | $\frac{1}{2}$ | 420/0461 | 2 or 3 | 199 |
| Advanced Geomorphology—III (Students taking Advanced Geomorphology must also take Course 420/0260) | $\frac{1}{2}$ | 420/0462 | 2 or 3 | 200 |
| Meteorology and Climatology | 1 | 420/0266 | 2 | — |
| Climatic Change | $\frac{1}{2}$ | 420/0367 | 3 | 202 |
| Urban Climatology | $\frac{1}{2}$ | 420/0469 | 3 | — |
| Microclimatology | $\frac{1}{2}$ | 420/0468 | 3 | — |
| Economic Geography | 1 | 420/0206 | 2 | — |
| Economic Geography—I | $\frac{1}{2}$ | 420/0481 | 3 | 204(i), 204(i)(a), 206 |
| Economic Geography—II | $\frac{1}{2}$ | 420/0482 | 3 | 204(ii), 204(ii)(a), 206 |
| Economic Geography—III | $\frac{1}{2}$ | 420/0483 | 3 | 205-6 |
| Social Geography | $\frac{1}{2}$ | 420/0497 | | 207(i) |
| Urban Geography | $\frac{1}{2}$ | 420/0395 | | 207(ii) |
| Geography of Rural Settlement | $\frac{1}{2}$ | — | 2 or 3 | 209 |

First Degree Courses

| | Value in Course Units | Course Registration Number | Normally Taken in Year | Lectures Classes and Seminars |
|---|-----------------------|----------------------------|------------------------|-------------------------------|
| Historical Geography: British Isles | ½ | 420/0485 | 2 or 3 | 210 |
| Historical Geography: Western and Central Europe | ½ | 420/0486 | 2 or 3 | 211 |
| Biogeography—I | ½ | 420/0475 | 2 | — |
| Biogeography—II (Course 420/0475 is normally a prerequisite) | 1 | 420/0476 | 2 or 3 | 213 |
| Geography and Planning | ½ | 420/0498 | 3 | 214 |
| Political Geography—I | ½ | 420/0491 | 2 or 3 | 215 |
| Political Geography—II | ½ | 420/0492 | 3 | 216 |
| Man and his Physical Environment | 1 | 420/0466 | 2 or 3 | 185 |
| Applied Spatial Analysis | 1 | 420/0204 | 2 | — |
| Urban and Regional Systems (Course 420/0204 is normally a prerequisite) | 1 | 420/0396 | 3 | 208 |
| Philosophy, Methodology and Explanation in Geography (Course 420/0204 is normally a prerequisite) | ½ | 420/0379 | 3 | 219 |
| Soil Science | ½ | 420/0452 | 2 or 3 | — |

List B: Regional Courses

| | | | | |
|---|---|----------|--------|---------|
| Africa—I | ½ | 420/0441 | 2 | — |
| Africa—II (Course 420/0441 is normally a prerequisite) | ½ | 420/0342 | 3 | 190 |
| Africa—III (Course 420/0204 is normally a prerequisite) | ½ | 420/0343 | 3 | 191 |
| Europe I | ½ | 420/0417 | 2 or 3 | 192 |
| Europe II: Western Europe ¹ | ½ | 420/0418 | 2 or 3 | 193(i) |
| Europe II: Eastern Europe ¹ | ½ | 420/0419 | 2 or 3 | 193(ii) |
| Soviet Union | ½ | 420/0431 | 2 or 3 | 194 |
| Monsoon Asia | ½ | 420/0430 | 2 or 3 | 195 |
| Latin America—I | ½ | 420/0425 | 2 or 3 | 217 |
| Latin America—II (Course 420/0425 must also be taken) | ½ | 420/0426 | 3 | 218 |
| North America—I | ½ | 420/0421 | 2 or 3 | 196 |
| North America—II (Course 420/0421 is normally a prerequisite) | ½ | 420/0322 | 2 or 3 | 197 |

Note See page 215 for Courses outside Geography

¹Students taking this subject must also take Course 420/0417 Europe I.

First Degree Courses

For students entering the second year in and after 1973-74
Second Year

3 or 4 course units to be chosen from:—

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|--|-----------------------|----------------------------|-------------------------------|
| British Isles | 1 | 420/0205 | 188 |
| Economic Geography | 1 | 420/0206 | 203, 203a |
| Man and his Physical Environment | 1 | 420/0466 | 185 |
| Applied Spatial Analysis | 1 | 420/0204 | 187 |
| Urban Geography | ½ | 420/0395 | 207(ii) |
| Social Geography | ½ | 420/0497 | 207(i) |
| Historical Geography: British Isles | ½ | 420/0485 | 210, 210(a) |
| Political Geography I | ½ | 420/0491 | 215 |
| Biogeography I | ½ | 420/0475 | 212 |
| Advanced Geomorphology I | 1 | 420/0260 | 198 |
| Meteorology & Climatology | 1 | 420/0266 | 201 |
| Elements of Surveying, and Map Projections | ½ | 420/0112 | — |

Courses up to the value of 1 unit from the following list:—

| | | | |
|--|---|----------|-----|
| Africa I | ½ | 420/0441 | 189 |
| Europe I | ½ | 420/0417 | 192 |
| Latin America I | ½ | 420/0425 | 217 |
| North America I | ½ | 420/0421 | 196 |
| North America II (recommended preliminary course 420/0421) | ½ | 420/0322 | 197 |

Courses to the value of 1 unit chosen from the list outside Geography 1

Third Year

3 or 4 course units to be chosen from:—

| | | | |
|--|---|-------|---|
| Advanced Economic Geography (a) Resources (recommended preliminary courses 420/0466 or 420/0206) | ½ | 420/— | — |
| Advanced Economic Geography (b) Agriculture (recommended preliminary course 420/0206) | ½ | 420/— | — |
| Advanced Economic Geography (c) Industry (recommended preliminary course 420/0206) | ½ | 420/— | — |

First Degree Courses

| | Value in Course Units | Course Registration Number | Lectures Courses and Seminars |
|---|-----------------------|----------------------------|-------------------------------|
| Geography and Planning (recommended preliminary course 420/0205 or 420/0395 or 420/0497) | ½ | 420/0498 | — |
| Urban and Regional Systems (recommended preliminary course 420/0202) | 1 | 420/0396 | — |
| Advanced Social Geography (recommended preliminary course 420/0497) | ½ | 420/— | — |
| Historical Geography: Western and Central Europe (recommended preliminary courses 420/0485 or 420/0417) | ½ | 420/0486 | — |
| Political Geography II (recommended preliminary course 420/0491) | ½ | 420/0492 | — |
| Biogeography II (recommended preliminary course 420/0475) | 1 | 420/0476 | — |
| Advanced Geomorphology II (recommended preliminary course 420/0260) | ½ | 420/0461 | — |
| Advanced Geomorphology III (recommended preliminary course 420/0260) | ½ | 420/0462 | — |
| Climatic Change } Recommended preliminary course | ½ | 420/0367 | — |
| Urban Climatology } 420/0266 | ½ | 420/0469 | — |
| Geography of Rural Settlement | ½ | — | — |
| Philosophy, Methodology and Explanation in Geography | ½ | 420/0379 | — |
| Economics & Geography of Transport | ½ | — | — |
| Africa II (recommended preliminary course 420/0441) | ½ | 420/0342 | — |
| Spatial Policy Problems in South Africa (recommended preliminary course 420/0441) | ½ | 420/— | — |
| Europe II (A) Western Europe (recommended preliminary course 420/0417) | ½ | 420/0418 | — |
| Europe II (B) Eastern Europe (recommended preliminary course 420/0417) | ½ | 420/0419 | — |
| Soviet Union | ½ | 420/0431 | — |
| Monsoon Asia | ½ | 420/0430 | 195 |
| Latin America II (recommended preliminary course 420/0425) | ½ | 420/0426 | — |
| North America II (recommended preliminary course 420/0421) | ½ | 420/0322 | — |
| 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 | — | — |

First Degree Courses

| | Value in Course Units | Course Registration Number | Normally Taken in Year | Lectures Classes and Seminars |
|---|-----------------------|----------------------------|------------------------|-------------------------------|
| Courses outside Geography | | | | |
| Anthropology | | | | |
| Introduction to Social Anthropology | 1 | 180/0037 | 1, 2 or 3 | 640, 640(a), 652 |
| Race and Culture | 1 | 180/0036 | 1, 2 or 3 | 641, 641(a), 652 |
| Elementary Ethnography | 1 | 180/0403 | 1, 2 or 3 | 642, 642(a), 652 |
| Economics | | | | |
| Economics A ¹ | 1 | 340/0010 | 1, 2 or 3 | 20, 20(a) |
| General Economics (Course 340/0010 or Elements of Economic Analysis, 340/0001 is a pre-requisite) | 1 | 340/0019 | 2 or 3 | 25, 25(a) |
| History | | | | |
| Industrialisation and the International Economy since 1830 | 1 | 480/0100 | 1, 2 or 3 | 251, 251(a) |
| English History, 1399-1603 | 1 | 480/0010 | 1, 2 or 3 | 328-9 |
| British History since 1750 | 1 | 480/0011 | 1, 2 or 3 | 330-1 |
| International History, 1815-1914 | 1 | 480/0004 | 1, 2 or 3 | 284, 284(a) |
| International History since 1914 | 1 | 480/0003 | 2 or 3 | 285, 285(a) |
| Mathematics | | | | |
| Basic Mathematics (Introductory) | 1 | 550/0016 | 1, 2 or 3 | 900, 900(a) |
| Algebra and Methods of Analysis | 1 | 550/0002 | 1, 2 or 3 | 901-2(a) |
| Introduction to Analysis and Set Theory | 1 | 550/0003 | 1, 2 or 3 | 903-903(a) |
| Statistics | | | | |
| Elementary Statistical Theory | 1 | 790/0001 | 1, 2 or 3 | 920, 920(a) |
| Methods of Social Investigation | 1 | 790/0002 | 1 or 2 | 916, 916(b), 917, 917a |
| Geology (King's College) | | | | |
| Fundamentals of Geology | ½ | 430/0101 | 1 or 2 | — |
| 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 | — |
| Structural Geology | ½ | 430/0304 | 2 or 3 | — |
| Advanced Economic Geology | ½ | 430/0308 | 3 | — |
| Sedimentology | ½ | 430/0307 | 2 or 3 | — |

¹A student who has taken Elements of Economic Analysis 340/0001 in a previous session may not offer Economics A.

First Degree Courses

| | Value in Course Units | Course Registration Number | Normally Taken in Year | Lectures Classes and Seminars |
|--|-----------------------|----------------------------|------------------------|-------------------------------|
| Oceanography | $\frac{1}{2}$ | 430/0108 | 1, 2 or 3 | — |
| Demography | | | | |
| Elements of Demographic Analysis | 1 | 780/0001 | 2 or 3 | 682-4(a) |
| Sociology | | | | |
| Introduction to Sociology | 1 | 780/1101 | 1, 2 or 3 | 830, 830(a) |
| Social Administration | | | | |
| Social Policy | 1 | 780/0005 | 1, 2 or 3 | 741, 744, 746 |
| International Relations | | | | |
| The International Political System | 1 | 340/0004 | 1, 2 or 3 | 581, 581(a) |
| Psychology | | | | |
| Introduction to Psychology | 1 | 720/0002 | 1 or 2 | 695, 695(b) |
| Psychological Aspects of the Study of Society (Course 720/0002 is normally a prerequisite) | 1 | 720/0407 | 2 or 3 | 700, 700(a) |
| Law | | | | |
| English Legal Institutions | 1 | 520/0001 | 1, 2 or 3 | 443, 443(a) |
| International Law | 1 | 520/0002 | 1, 2 or 3 | 450, 450(a) |

2A Mathematics

(for candidates registered before October 1973)

2.1 Candidates for this degree are required to take courses to the value of at least nine course units, and not more than twelve course units during their three years of study.

2.2 To obtain a degree a candidate must satisfy the examiners in no fewer than eight units or in a combination of units and half units to that number. To qualify for Honours in Mathematics a candidate must have completed the equivalent of at least five course units in Pure Mathematics and at least the equivalent of a further two course units in Applied Mathematics. The remaining courses will be selected by the candidate after approval by his tutor.

2.3 Courses to the value of four course units must be taken in the first year and the remaining minimum of five over the second and third years of study.

First Degree Courses

2.4 A candidate is required to take the following courses:

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|---|-----------------------|----------------------------|-------------------------------|
| First Year | | | |
| Pure Mathematics | | | |
| 1. Introduction to Analysis and Set Theory | 1 | 550/0003 | — |
| 2. Introduction to Abstract Algebra | $\frac{1}{2}$ | 550/0006 | — |
| 3. <i>Either</i> Calculus | $\frac{1}{2}$ | 550/0008 | — |
| <i>or</i> Linear Algebra | $\frac{1}{2}$ | 550/0007 | — |
| Applied Mathematics | | | |
| 4. <i>Either</i> Elementary Statistical Theory | 1 | 790/0001 | — |
| <i>or</i> Introduction to Logic | 1 | 500/0002 | — |
| <i>or</i> Introduction to Mathematical Economics | 1 | 340/0006 | — |
| Other Courses | | | |
| 5. One of the following: | | | |
| (a) British Government: An Introduction to Politics | 1 | 340/0007 | — |
| (b) Economic History of Great Britain and the U.S.A. 1850-1939 | 1 | 340/0008 | — |
| (c) Political History 1789-1941 | 1 | 480/0008 | — |
| (d) Introduction to Sociology | 1 | 780/1101 | — |
| (e) Introduction to Human Geography | 1 | 420/0004 | — |
| (f) Introduction to Mathematical Economics (if not taken under paper 4) | 1 | 340/0006 | — |
| (g) Introduction to Psychology | 1 | 720/0002 | — |
| Second and Third Years | | | |
| Pure Mathematics | | | |
| 6. Real Variable and Analytic Topology | 1 | 550/0009 | 905-6(a) |
| 7. Algebra II | $\frac{1}{2}$ | 550/0010 | 907, 907(a) |
| 8. Complex Variable | $\frac{1}{2}$ | 550/0011 | 908, 908(a) |
| 9. Linear Algebra (if not taken under paper 3) | $\frac{1}{2}$ | 550/0007 | 901, 901(a) |
| 10. At least one course from the following: | | | |
| (a) Real Variable II | $\frac{1}{2}$ | 550/0012 | — |

First Degree Courses

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|--|-----------------------|----------------------------|---------------------------------------|
| (b) Functional Analysis | $\frac{1}{2}$ | 550/0004 | 910, 910(a) |
| (c) Probability Theory | $\frac{1}{2}$ | 550/0014 | 909, 909(a) |
| (d) Algebra III | $\frac{1}{2}$ | 550/0013 | 911, 911(a) |
| (e) Boolean Algebra | $\frac{1}{2}$ | 550/0005 | 494(i) |
| (f) Mathematical Logic (if Introduction to Logic has been taken under 4) | 1 | 550/0015 | 493, 493(a), 495 |
| (g) Other approved courses may be made available from time to time | | | |
| Applied Mathematics | | | |
| 11. At least one course unit from the following: | | | |
| For examination in 1974 only. | | | |
| (a) Distribution Theory | $\frac{1}{2}$ | 790/0004 | 923, 923(a), 929 |
| (b) Introduction to Statistical Inference | $\frac{1}{2}$ | 790/0005 | 924, 924(a), 929 |
| For Examination in and after 1974 | | | |
| Probability, Distribution Theory and Inference | 1 | 790/— | 923-4(a), 929 |
| (c) Statistical Method | 1 | 790/0007 | 925-7, 941, 941(a) |
| (d) Applied Statistical Methods ¹ | 1 | 790/0003 | — |
| (e) Elements of Computer Science | 1 | 295/0001 | 939-41(a), 948, 948(a) |
| (f) Operational Research Methods | 1 | 340/0016 | 951-2(a) |
| (g) Numerical Methods (two-year course) | 1 | 295/0002 | 941, 941(a), 946, 946(a), 949, 949(a) |
| (h) Management Data Processing | 1 | 340/0017 | 161, 943, 943(a), 947, 947(a) |
| For examination in 1974 only | | | |
| (i) Actuarial Statistics | 1 | 790/0813 | 937, 937(a) |
| For examination in and after 1975 | | | |
| (i) Actuarial Science (two-year course) | 1 | 790/0008 | 935-6 |
| (j) Econometrics I | 1 | 340/0011 | 36(iii), 932, 932(a) |
| (k) Econometrics II | 1 | 340/0014 | 34, 34(a), 36(iii) |

¹Not available in 1973-74.

First Degree Courses

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|---|-----------------------|----------------------------|-------------------------------|
| (l) Mathematical Economics I (Course 340/0006 is a prerequisite) | 1 | 340/0012 | 35, 35(a) |
| (m) Mathematical Economics II (two year course) | 1 | 340/0013 | 36, 36(a) |
| Other Courses | | | |
| 12. At least one course from the following: (if not already taken): | | | |
| (a) Either Introduction to Scientific Method or Introduction to Logic or Mathematical Logic (if Introduction to Logic has been taken under 4) | 1 | 500/0003 | 485-6 |
| | 1 | 500/0002 | 491, 491(a) |
| | 1 | 550/0015 | 493, 493(a), 495 |
| (b) Statistical Demography (two year course) | 1 | 790/0820 | 680-1, 684-6 |
| (c) Social Statistics and Survey Methodology | 1 | 340/0015 | 927-8, 933-4, 969 |
| (d) Social Structure of Modern Britain | 1 | 780/2301 | 846, 846(a) |
| (e) Social Policy | 1 | 780/0005 | 741, 744, 746 |
| (f) Applied Spatial Analysis | 1 | 420/0204 | 187 |
| (g) Urban and Regional Systems (Course 420/0204 is a prerequisite) | 1 | 420/0396 | 208 |

2B Mathematics, Statistics and Computing

(for candidates registering in and after October 1973)

- 2.1 Candidates are required to take courses to the value of at least nine course-units and not more than twelve course-units during their three years of study.
- 2.2 To obtain a degree candidates must satisfy the examiners in courses to the value of eight units.
- 2.3 To qualify for Honours in Mathematics a candidate will normally be required to complete the following courses:
first year: 1, 2, 3(a), 8 and one of: 4, 5, 6 or 7:
second and third years: 9, 10, 11, courses to the value of 1 unit from 12, and courses to the value of two units from 13-21 inclusive.
- 2.4 To qualify for Honours in Statistics a candidate will normally be required to complete the following courses:
first year: 3(b), 4, 8, and one of 1, 5 or 7:
second and third years: 13, 14, 15, and 16.
- 2.5 To qualify for Honours in Computing a candidate will normally be required to complete the following courses:
first year: 3(b), 5, 8 and one of 1, 4, 6 or 7:
second and third years: 17, 18 and 19:
- 2.6 A student may qualify for Combined Honours in two main fields.
- 2.7 Candidates will not be required to make a firm choice of main field until the second year.

First Degree Courses

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|--|-----------------------------|----------------------------------|-------------------------------------|
| First Year | | | |
| 1. Introduction to Analysis and Set Theory | 1 | 550/0003 | 903, 903(a) |
| 2. Introduction to Abstract Algebra | $\frac{1}{2}$ | 550/0006 | 904, 904(a) |
| 3. <i>Either (a) Linear Algebra or (b) Algebra and Methods of Analysis</i> | $\frac{1}{2}$ 1 | 550/0007 550/0002 | 901, 901(a) 901-902(a) |
| 4. Elementary Statistical Theory | 1 | 790/0001 | 920, 920(a) |
| 5. Introduction to Computing and Systems Design | 1 | 295/0003 | 938-939(a), 941, 943, 943(a) |
| 6. Introduction to Logic | 1 | 500/0002 | 491, 491(a) |
| 7. Introduction to Mathematical Economics | $\frac{1}{2}$ | 340/0006 | 23, 23(a) |
| 8. One course from the following: | | | |
| (a) Modern Politics and Government, with special reference to Britain | 1 | 340/0018 | 527, 527(a) |
| (b) Economic History of Great Britain and the U.S.A., 1850-1939 | 1 | 340/0008 | 250, 250(a) |
| (c) Political History, 1789-1941 | 1 | 480/0008 | 280, 280(a) |
| (d) Introduction to Sociology | 1 | 780/1101 | 830, 830(a) |
| (e) Introduction to Psychology | 1 | 720/0002 | 695, 695(b) |
| (f) Introduction to Human Geography | 1 | 420/0004 | 182, 182(a) |
| (g) Introduction to Mathematical Economics (if not taken under paper 7). | 1 | 340/0006 | 23, 23(a) |
| Second and Third Years | | | |
| A Mathematics | | | |
| 9. Real Variable and Analytic Topology | 1 | 550/0009 | |
| 10. Algebra II | $\frac{1}{2}$ | 550/0010 | |
| 11. Complex Variable | $\frac{1}{2}$ | 550/0011 | |
| 12. (a) Functional Analysis | $\frac{1}{2}$ | 550/0004 | |
| (b) Probability Theory | $\frac{1}{2}$ | 550/0014 | |
| (c) Algebra III | $\frac{1}{2}$ | 550/0013 | |
| (d) Boolean Algebra | $\frac{1}{2}$ | 550/0005 | |
| (e) Mathematical Logic (if Introduction to Logic has been taken under 6) | 1 | 500/0004 | |
| (f) Other approved courses which may be made available from time to time | | | |
| B Statistics | | | |
| 13. Mathematical Methods | 1 | | |

First Degree Courses

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|---|-----------------------------|----------------------------------|-------------------------------------|
| 14. Probability, Distribution Theory and Inference | 1 | | |
| 15. Statistical Methods | 1 | 790/0007 | |
| 16. Sample Survey Theory and Methods and Further Statistical Theory | 1 | | |
| C Computing | | | |
| 17. Elements of Computer Science | 1 | 295/0001 | |
| 18. Systems Analysis and Design | 1 | | |
| 19. Applications of Computers | 1 | | |
| Second and Third Years | | | |
| D Other Courses | | | |
| 20. (a) Mathematical Economics I (Introduction to Mathematical Economics is a prerequisite) | 1 | | |
| (b) Mathematical Economics II (two-year course) | 1 | | |
| (c) Econometrics I | 1 | | 932, 932a |
| (d) Econometrics II | 1 | | |
| (e) Actuarial Science (two-year course) | 1 | 790/0008 | |
| (f) Statistical Demography (two-year course) | 1 | 790/0820 | |
| (g) Operational Research Methods | 1 | 340/0016 | |
| (h) Numerical Methods (two-year course) | 1 | 295/0002 | |
| (i) A report of not more than 10,000 words on an approved topic in statistical theory or a field of application (to be presented not later than 1 April in the candidate's third year). | 1 | | |
| 21. (a) <i>Either</i> | | | |
| Introduction to Scientific Method | 1 | | |
| Or | | | |
| Introduction to Logic (if not taken under paper 6) | 1 | | |
| Or | | | |
| Mathematical Logic (if not taken under paper 12 (e) Introduction to Logic is a prerequisite) | 1 | | |
| (b) An approved course in Social Psychology | 1 | | |
| (c) Social Statistics | 1 | | |

First Degree Courses

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|--|-----------------------------|----------------------------------|-------------------------------------|
| (d) Social Structure of Modern Britain | 1 | | |
| (e) Social Policy | 1 | | |
| (f) Applied Spatial Analysis | 1 | | |
| (g) Urban and Regional Systems (Applied Spatial Analysis is a prerequisite) | 1 | | |

3 Mathematics and Philosophy

- 3.1 Candidates are required to take courses to the value of at least nine course units during the three years of study.
- 3.2 To qualify for Honours a candidate must complete the equivalent of at least four course units in Mathematics and four in Philosophy. The remaining courses will be selected by the candidate after approval by his tutor.
- 3.3 Courses to the value of four course units must be taken in the first year.
- 3.4 (i) A candidate who satisfactorily completes the courses taken in the first year of study for this degree may be permitted to transfer to the Main Field in Mathematics for the remaining two years of his registration.
(ii) Similarly, a candidate registered for the Main Field in Mathematics who satisfactorily completes the courses taken in the first year may be permitted to transfer to the Main Field in Mathematics and Philosophy for the remaining two years of his registration.
- 3.5 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 Analysis and Set Theory | 1 | 550/0003 | 903, 903a |
| 2. Introduction to Abstract Algebra | $\frac{1}{2}$ | 550/0006 | 904, 904a |
| 3. Linear Algebra | $\frac{1}{2}$ | 550/0007 | 901, 901a |
| 4. Introduction to Logic | 1 | 500/0002 | 491, 491a |
| 5. Introduction to Scientific Method | 1 | 500/0003 | 485, 485a, 486 |
| Second and Third Years | | | |
| 6. Real Variable and Analytic Topology | 1 | 550/0009 | |
| 7. Mathematical Logic | $\frac{1}{2}$ | 550/0015 | |

First Degree Courses

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|--|-----------------------------|----------------------------------|-------------------------------------|
| 8. History of Modern Philosophy, Bacon to Kant | 1 | | |
| 9. The Rise of Modern Science, Copernicus to Newton | 1 | | |
| 10. A course or courses to the value of at least one course unit from the following: | | | |
| (a) (i) <i>Either</i> Epistemology and Metaphysics | 1 | | |
| (ii) <i>or</i> Scientific Method | 1 | | |
| (b) (i) <i>Either</i> Essay on a philosophical subject | 1 | | |
| (ii) <i>or</i> Dissertation (normally a third year course) ¹ | 1 | | |
| (c) Functional Analysis | $\frac{1}{2}$ | 550/0004 | |
| (d) Probability Theory | $\frac{1}{2}$ | 500/0014 | |
| (e) Probability, Distribution Theory and Inference | $\frac{1}{2}$ | | |
| (f) Elements of Computer Science | 1 | 295/0001 | |
| (g) Boolean Algebra | $\frac{1}{2}$ | 550/0005 | |
| (h) Any other approved subject | 1 | — | |

4 Social Anthropology

- 4.1 Candidates for Honours are required to take courses to the value of eleven course units during three years. They will normally be taken in the following sequence: four in the first year, three in the second year and four in the third year.
- 4.2 There will be no exemption from first-year courses.
- 4.3 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.
- 4.4 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 | 640, 640a |

¹The Dissertation is to be on a subject selected by the candidate and approved by the Convener of the Department of Philosophy. It should normally be of 5,000 words in length, with a maximum of 7,500 words, and must be submitted by 1 May preceding the final examination.

First Degree Courses

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|--|-----------------------|----------------------------|-------------------------------|
| 2. Race and Culture | 1 | 180/0036 | 641, 641a |
| 3. Elementary Ethnography | 1 | 180/0403 | 642, 642a |
| 4. One of the following: | | | |
| (a) Introduction to Sociology | 1 | 780/1101 | 830, 830a |
| (b) Introduction to Psychology | 1 | 720/0002 | 695, 695b |
| (c) Introduction to Human Geography | 1 | 420/0004 | 182, 182a |
| Second Year | | | |
| 1. Studies of Kinship | 1 | 180/0404 | 643, 643a |
| 2. Political and Economic Institutions | 1 | 180/0401 | 644, 644a |
| 3. One of the following: | | | |
| (a) Statistical and Survey Methods of Social Investigation | 1 | 790/0040 | 916, 916b, 917, 917a |
| (b) Economics A | 1 | 340/0010 | 20, 20a |
| (c) Sociological Theory | 1 | 780/1201 | 834, 834a |
| (d) Introduction to Psychology (if not already taken) | 1 | 720/0002 | 695, 695b |
| (e) Psychological Aspects of the Study of Society (Course 720/0002 is normally a prerequisite) | 1 | 720/0407 | 700, 700c |
| (f) Psychology of Personality, Motivation and Development (Course 720/0002 is normally a prerequisite) | 1 | 720/0205 | 705, 705a, 706, 706a |
| (g) Introduction to Scientific Method | 1 | 500/0003 | 485, 485a, 486 |
| Third Year | | | |
| 1. Magic and Religion | 1 | 180/0408 | 645, 645a |
| 2. Advanced Theory of Social Anthropology | 1 | 180/0411 | 649, 649a |
| 3. One of the following: | | | |
| (a) Advanced Ethnography | 1 | 180/0409 | 646, 646a |
| (b) Anthropological Linguistics | 1 | 180/0410 | 362, 362b, 647(ii), 647a |
| (c) Primitive Art ¹ | 1 | 180/0412 | 648, 648a |
| (d) Social Aspects of Political and Economic Development ¹ | 1 | 180/0414 | — |
| 4. Special Essay Paper in Social Anthropology (One essay of 6,000 words or two essays each of 3,000 words) | 1 | 180/0413 | — |

¹May not be available in 1973-74.

First Degree Courses

5 Social Psychology

- 5.1 Candidates are normally required to take courses to the value of eleven course units during the three years of study. Four of these will be in the first year, four in the second year and three in the third year.
- 5.2 Most courses in psychology include work in the laboratory or the field. Candidates will be required to undertake field work in at least one vacation; it might take the form of working with a member of staff on his research or gaining experience in a relevant institution.
- 5.3 In the final year each candidate is required to carry out a research project under the supervision of a member of staff.
- 5.4 In addition to the courses set out below candidates for the degree may be required to attend a small number of courses designed to enable them to see psychology and social psychology in their proper perspective. These courses will not be separately examined.
- 5.5 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.
- 5.6 A candidate is required to take the following courses:

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|---|-----------------------|----------------------------|-------------------------------|
| First Year | | | |
| 1. Fundamental Approaches to the Study of Behaviour | 1 | 720/0104 | 698(i), 698(ii) |
| 2. Introduction to General and Social Psychology | 1 | 720/0101 | 695, 695a, 696 |
| 3. Foundations of Experimental Psychology | 1 | 720/0103 | 697, 918, 918a |
| 4. Courses in other disciplines: (See List C below) | 1 | | |
| Second Year | | | |
| 1. Psychology of Personality, Motivation and Development | 1 | 720/0205 | 705, 705a, 706, 706a |
| 2. Psychology of Perception and Skill | $\frac{1}{2}$ | 720/0206 | 704, 704a |
| 3. Social Psychology: Attitudes and Cognition | $\frac{1}{2}$ | 720/0203 | 700, 700a |
| 4. Methods and Assumptions of Social Psychological Research | $\frac{1}{2}$ | 720/0204 | 701, 702, 702a |

First Degree Courses

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|---|-----------------------|----------------------------|-------------------------------|
| 5. Psychology of Learning, Remembering and Thinking | ½ | 720/0202 | 703, 703a |
| 6. Courses in other disciplines: (See List C below) | 1 | | |
| Third Year | | | |
| 1. Advanced Social Psychology | 1 | 720/0301 | 708 |
| 2. Research Project | 1 | 720/0302 | — |
| 3 and 4. Courses to the value of 1 course unit. At least one course must be selected from List A. | 1 | | |
| Not all courses in Lists A and B may be available every session. | | | |
| List A | | | |
| (a) Child Development II | ½ | 720/0303 | 709 |
| (b) Information Processing | ½ | 720/0304 | 710 |
| (c) Personality and Motivation II | ½ | 720/0305 | 711 |
| (d) Psycholinguistics | ½ | 720/0306 | 715 |
| List B | | | |
| (a) Communications and Attitude Change | ½ | 720/0307 | 714 |
| (b) Groups and Group Functioning ¹ | ½ | 720/0308 | — |
| (c) Social Psychology of Conflict | ½ | 720/0309 | 720 |
| (d) Applications of Social Psychology | ½ | 720/0310 | 724 |

List C: Courses in other disciplines

| | Value in Course Units | Course Registration Number | Normally Taken in Year | Lectures Classes and Seminars |
|---|-----------------------|----------------------------|------------------------|-------------------------------|
| Anthropology | | | | |
| Introduction to Social Anthropology | 1 | 180/0037 | 1 or 2 | 640, 640a, 652 |
| Elementary Ethnography | 1 | 180/0403 | 1 or 2 | 642, 642a, 652 |
| Studies of Kinship (<i>Course 180/0037 is a prerequisite</i>) | 1 | 180/0404 | 2 | 643, 643a, 652 |
| Economics | | | | |
| Economics A | 1 | 340/0010 | 1 or 2 | 20, 20a |
| Geography | | | | |
| Introduction to Human Geography | 1 | 420/0004 | 1 or 2 | 182, 182a |

¹Not available in the session 1973-74.

First Degree Courses

| | Value in Course Units | Course Registration Number | Normally Taken in Year | Lectures Classes and Seminars |
|---|-----------------------|----------------------------|------------------------|-------------------------------|
| Linguistics | | | | |
| Elementary Linguistics | 1 | 290/0002 | 1 or 2 | 362, 362a |
| Philosophy | | | | |
| Introduction to Scientific Method | 1 | 500/0003 | 1 or 2 | 485, 485a, 486 |
| Introduction to Logic | 1 | 500/0002 | 1 or 2 | 491, 491a |
| Social Administration | | | | |
| Social Policy | 1 | 780/0005 | 1 or 2 | 741, 744, 746 |
| Sociology | | | | |
| Introduction to Sociology | 1 | 780/1101 | 1 or 2 | 830, 830a |
| The Social Structure of Modern Britain | 1 | 780/2301 | 1 or 2 | 846, 846a |
| Introduction to Social Philosophy ¹ | 1 | 780/2503 | 1 or 2 | 836, 837 |
| Industrial Sociology (<i>Course 780/1101 is a prerequisite</i>) | 1 | 780/2604 | 2 | 853, 853a |
| Criminology (<i>Course 780/1101 is a prerequisite</i>) | 1 | 780/2601 | 2 | 854, 854a |
| Political Sociology (<i>Course 780/1101 is a prerequisite</i>) | 1 | 780/2603 | 2 | 851, 851a |
| Demography | | | | |
| Elements of Demographic Analysis | 1 | 780/0001 | 2 | 682, 683, 684, 684a |

Other courses may be approved by the department.

6 Sociology

- 6.1 Candidates are required to take courses to the value of at least ten course units, with a minimum of three course units each year. Courses will normally be examined at the end of the session in which they are taught.
- 6.2 To qualify for Honours in Sociology a candidate is required to complete six course units in Sociology, including the four compulsory courses and to pass in Sociology courses to the value of five course units.
- 6.3 A candidate may take up to four course units in courses outside Sociology.
- 6.4 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.
- 6.5 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 April in the academic year of submission.

¹Not available in the session 1973-74

First Degree Courses

6.6 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 Sociology | 1 | 780/1101 | 830-830a |
| 2. Methods of Social Research | 1 | 790/1401 | 835, 917, 918, 918a |
| 3. A course to the value of one unit from List B | 1 | — | |
| 4. Optional: A course or courses to the value of not more than one unit from Lists A or B | — | — | |
| Second Year | | | |
| 1. Comparative Social Structures | 1 | 780/1102 | 832, 832a |
| 2 and 3. Courses to the value of at least two units from List A and/or List B | 2 | — | |
| Third Year | | | |
| 1. Sociological Theory | 1 | 780/1201 | 834, 834a |
| 2 and 3. Courses to the value of at least two units from List A and/or List B | 2 | — | |
| Optional Courses | | | |
| List A: Courses in Sociology | | | |
| Introduction to Social and Moral Philosophy ¹ | ½ | 780/2501 | 1, 2 or 3 836, 838a |
| Values and Society ^{1 2} | ½ | 780/2504 | 1, 2 or 3 837 |
| Introduction to Social Philosophy ² | 1 | 780/2503 | 1, 2 or 3 836-7, 838b |
| Sociology of Ideas ² | ½ | 780/2505 | 2 or 3 839 |
| The Social Structure of Modern Britain | 1 | 780/2301 | 1, 2 or 3 846, 846a |
| The Social Structure of the Roman Empire ¹ | 1 | 780/2302 | 2 or 3 — |
| The Social Structure of the Soviet Union | 1 | 780/2304 | 2 or 3 847, 847a |
| Political Sociology | 1 | 780/2603 | 2 or 3 851, 851a |
| Political Processes and Social Change | 1 | 780/2202 | 2 or 3 852, 852a |
| Industrial Sociology | 1 | 780/2604 | 2 or 3 853, 853a |
| Sociology of Religion | 1 | 780/2605 | 1, 2 or 3 850, 850a |

¹This course may not be taken by candidates taking Introduction to Social Philosophy.

²Not available in the session 1973-74.

First Degree Courses

| | Value in Course Units | Course Registration Number | Normally Taken in Year | Lectures Classes and Seminars |
|--|-----------------------|----------------------------|------------------------|-------------------------------|
| Elements of Demographic Analysis | 1 | 780/0001 | 2 or 3 | 682, 683, 684, 684a |
| Social Change and Development in Contemporary Africa ¹ (Course 180/0037 is normally a prerequisite) | 1 | 780/2303 | 3 | 848 |
| Industrialisation and Theories of Social Change ¹ | 1 | 780/2201 | 2 or 3 | 849 |
| Criminology | 1 | 780/2601 | 2 | 854, 954a |
| Sociology of Deviant Behaviour | 1 | 780/2602 | 3 | 855, 855a |
| Sociology of Science | ½ | 780/2606 | 2 or 3 | 842, 842a |
| Sociology of Literature | ½ | 780/2607 | 2 or 3 | 843, 843a |
| Sociology of Knowledge | ½ | 780/2506 | 2 or 3 | 840, 840a |

List B: Courses outside Sociology

Anthropology

| | | | | |
|---|---|----------|-----------|----------------|
| Introduction to Social Anthropology | 1 | 180/0037 | 1, 2 or 3 | 640, 640a, 652 |
| Studies of Kinship (Course 180/0037 is a prerequisite) | 1 | 180/0404 | 2 | 643, 643a, 652 |
| Political and Economic Institutions (Course 180/0037 is a prerequisite) | 1 | 180/0401 | 2 | 644, 644a, 652 |
| Magic and Religion (Course 180/0037 is a prerequisite) | 1 | 180/0408 | 3 | 645, 645a, 652 |
| Primitive Art (Course 180/0037 is a prerequisite) | 1 | 180/0412 | 3 | 648, 648a, 652 |

Economics

| | | | | |
|-------------|---|----------|-----------|---------|
| Economics A | 1 | 340/0010 | 1, 2 or 3 | 20, 20a |
|-------------|---|----------|-----------|---------|

Geography

| | | | | |
|---------------------------------|---|----------|-----------|-----------|
| Introduction to Human Geography | 1 | 420/0004 | 1, 2 or 3 | 182, 182a |
|---------------------------------|---|----------|-----------|-----------|

Government

| | | | | |
|--|---|----------|-----------|-----------|
| Modern Politics and Government with special reference to Britain | 1 | 340/0018 | 1, 2 or 3 | 527, 527a |
|--|---|----------|-----------|-----------|

History

| | | | | |
|--|---|----------|-----------|-----------|
| Economic History of Great Britain and the U.S.A. 1850-1939 | 1 | 340/0008 | 1, 2 or 3 | 250, 250a |
|--|---|----------|-----------|-----------|

¹Not available in the session 1973-74.

First Degree Courses

| | <i>Value in Course Units</i> | <i>Course Registration Number</i> | <i>Normally Taken in Year</i> | <i>Lectures Classes and Seminars</i> |
|--|------------------------------|-----------------------------------|-------------------------------|--------------------------------------|
| Law | | | | |
| English Legal Institutions | 1 | 520/0001 | 1, 2 or 3 | 443, 443a |
| Linguistics | | | | |
| Elementary Linguistics | 1 | 290/0002 | 1, 2 or 3 | 362, 362c |
| Sociolinguistics: Language and the Community (290/0002 is a prerequisite) | 1 | 290/0003 | 2 or 3 | 370 |
| Philosophy | | | | |
| Introduction to Logic | 1 | 500/0002 | 1, 2 or 3 | 491, 491a |
| Introduction to Scientific Method | 1 | 500/0003 | 1, 2 or 3 | 485, 485a, 486 |
| Social Administration | | | | |
| Social Policy | 1 | 780/0005 | 1, 2 or 3 | 741, 744, 746 |
| Social Psychology | | | | |
| Introduction to Psychology | 1 | 720/0002 | 1 or 2 | 695, 695b |
| Psychological Aspects of the Study of Society (Course 720/0002 is normally a prerequisite) | 1 | 720/0407 | 2 or 3 | 700, 700c |

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 132.

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.

The Final Examination consists of eight papers and an extended essay, and is divided into two stages. The first stage will consist of four papers and will be held at the beginning of the sixth term of the course of study for the degree. The second stage will consist of the remaining papers of the examination and the extended essay. The extended essay, work for which will begin in the second year, is due for submission by 15 January in the final year. The examination in the remaining papers will be held in the ninth term of the course.

First Degree Courses

Methods of Examination

The examination will be conducted by means of written papers and such other methods as may be approved by the University. Examiners may test any candidate by means of oral questions.

Subjects of Examination

Only first and second-year lectures and classes have been listed

The First Year Examination will consist of the following:

| | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| 1. Introduction to Sociology | 759, 830 |
| 2. Economics and Statistics | 20, 754c, 917, 918, 918a |
| 3. Social Policy and Elements of Government. | 741, 742 |

The Final Examination will consist of the following:

| | |
|--|---------------|
| 1. Social Policy | 743 |
| *2. Social and Public Administration | 555, 744, 747 |
| *3. Social Economics | 41, 753, 754d |
| *4. Social Structure | 758c, 846 |
| *5. Social Investigation | 755(ii) |
| 6. Social Theory and Social Policy 1870-1918 | 760 |

*The papers marked with an asterisk will be examined at the beginning of the sixth term of the course.

7 and 8. Two of the following, subject to the approval of the School and availability of the course concerned:

| | |
|--|-------------------------------|
| (a) Administration of Education ¹ | 764 |
| (b) Race Relations and Minority Groups | — |
| (c) Personal Social Services | 765 |
| (d) Social Policy of Developing Countries | — |
| (e) Housing and Urban Structure | 766 |
| (f) Health Administration | — |
| (g) Law and Social Policy | — |
| (h) Social History | — |
| (i) General and Social Psychology ² | 695, 696, 700, 707, 756, 757a |
| (j) Industrial Sociology | — |
| (k) Sociology of Deviance ³ | 767 |
| (l) Penology ³ | — |

^{1,2,3}Only one of the courses marked with the same number may be offered.

First Degree Courses

- (m) Family and Law
- (n) Demography
- (o) Sociology of Education¹
- (p) Political Sociology
- (q) Comparative Morals and Religion
- (r) Interpersonal Relations²
- (s) Values in Society
- (t) Urban and Regional Economics
- (u) Advanced Social Theory
- (v) Parliament, Policy-making and Legislation

9. An extended essay, normally of 5,000-7,000 words, to be presented not later than 15 January in the third year. The subject of the extended essay must be approved by the University.

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 247).

INTERMEDIATE EXAMINATION

The examination consists of written papers in subjects (a) to (d):

| | <i>Lectures, Classes and Seminars</i> |
|-------------------------|---------------------------------------|
| a) Public Law I | 416, 416a |
| b) Law of Contract | 417, 417a |
| c) Law of Property I | 418, 418a |
| d) English Legal System | 419, 419a |

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.

^{1,2}Only one of the courses marked with the same number may be offered.

First Degree Courses

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.

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

The examination consists of four written papers in subjects (a) to (d):

| | <i>Lectures, Classes and Seminars</i> |
|-----------------------|---------------------------------------|
| a) Public Law II | 420, 420a |
| b) Law of Tort | 421, 421a |
| c) Law of Property II | 422, 422a |
| d) Criminal Law | 423, 423a, 424 |

The examiners may, if they think fit, set an additional essay paper covering matters within the scope of any of the Part I and Intermediate subjects.

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 who passes three of the four Part I papers 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, with permission of the School, a candidate who fails to reach the minimum standard in two or more subjects in June, whether or not he has presented himself for all or any part of the above examination, may be permitted to re-enter for the whole examination in September of the same year.

PART II EXAMINATION

A candidate is required to satisfy the examiners in

| | <i>Lectures, Classes and Seminars</i> |
|---------------|---------------------------------------|
| Jurisprudence | 425, 425a |

First Degree Courses

He is also required to satisfy the examiners in other subjects to the value of three units selected from the following lists:

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| (i) | |
| a) Law of Evidence | 426, 426a |
| b) History of English Law | 427, 427a |
| c) Public International Law | 428, 428a |
| d) Conflict of Laws | 429, 429a |
| e) Mercantile Law | 430, 430a |
| f) Labour Law | 431, 431a |
| g) Domestic Relations | 432, 432a |
| h) Administration of Estates and Trusts | 433, 433a |
| i) Legislation | 438, 438a |
| j) Law of Business Associations | 434, 434a |
| k) Administrative Law, with special reference to Local Government | 435, 435a |
| l) International Protection of Human Rights | 436, 436a |
| m) Basic Principles of the Soviet and Yugoslav Legal Systems | 437, 437a |
| n) Hindu Law | — |
| o) Mohammedan Law | — |
| p) African Law | — |
| q) Law in Tribal Societies | 439 |
| (ii) | |
| a) Sentencing | 440 |
| b) Law Relating to Civil Liberties | 441 |
| c) Law and the 'Underprivileged' | 442 |

Each subject in list (i) shall have the value of one unit, while each subject in list (ii) shall have the value of one half-unit. A candidate may not select more than two subjects from list (ii). Courses will not necessarily be available every year for all the subjects in lists (i) and (ii).

The Part II examination is conducted by written papers with the exception that a candidate who offers Administrative Law with special reference to Local Government, or Legislation, or Law and the 'Underprivileged', will be required, in either of those subjects, to write an essay instead. Where a candidate who has offered one of the two essay subjects fails the Part II examination he will not be permitted to submit the same essay at any repeat 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 a candidate offering either the subject Administrative Law with special reference to Local Government, or the subject Legislation, or the subject Law and the 'Underprivileged', and questions may extend to cover the wider background aspects of the essay.

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.

First Degree Courses

B.A. Honours in History (Branch II: Mediaeval and Modern)

Note: The regulations for this degree have been amended in each of the years 1971-72 and 1972-73. Please identify the correct regulations by referring to the year of first registration.

For students registered in 1971

The examination will consist of nine papers up to three papers of which may be taken in the penultimate session of a candidate's course of study with the permission of the School. Honours classes will be awarded on the total range of marks obtained in the nine papers.

Examination papers

Only third-year lectures and classes have been listed.

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| 1. English History down to the end of the 14th century | — |
| 2. English History from the beginning of the 15th century to the middle of the 18th century | 329 |
| 3. British History from the middle of the 18th century | — |
| 4 and 5. Two of the following papers: | |
| (a) European History from 400 to 1200 | — |
| (b) European History from 1200 to 1500 | — |
| (c) European History from 1500 to 1800 | — |
| (d) European History from 1800 (This paper will include questions on the relations of Europe with the rest of the world) | — |
| 6. History of Political Ideas—Section (a) European (Section (a) will be divided into two subsections: (i) the recommended texts (ii) the relation of European political ideas to their historical context. Candidates must attempt at least one question from each subsection.) | 337 |
| 7. An Optional Subject | 253-4, 339 |
| 8 and 9. A Special Subject | 341-2 |

For students registered in 1972

The examination will consist of nine papers, up to three papers 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 the total range of marks obtained in the nine papers.

First Degree Courses

Lectures, Classes and Seminars

Examination papers

Only second-year lectures and classes have been listed

1-4. Four of the following papers, of which two at least shall be from Group A and one at least from Group B:

A

- A1. British History down to the end of the 14th century —
- A2. British History from the beginning of the 15th century to the middle of the 18th century —
- A3. British History from the middle of the 18th century 330-1

B

- B1. European History from 400 to 1200 332
- B2. European History from 1200 to 1500 333
- B3. European History from 1500 to 1800 283, 334
- B4. European History from 1800 284-5, 335

5-6. Two of the following:

C

C1. One of the papers under A or B above if not already selected under 1-4. —

C2. History of Political Ideas —

The paper will be divided into three sections, as follows:

(a) European (b) South Asian (c) Islamic. Section (a) will be further divided into two subsections: (i) questions related to the recommended texts (ii) questions on the relation 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 in section C may only be selected subject to the approval of the School.)

C3. Any one of the first three papers in one of Branches IB, III, IV, V, VI and VII (For details of these papers see the University of London Regulations for First Degrees in the Faculty of Arts for Internal Students) —

C4. History of the U.S.A. since 1783 —

C5. History of Latin America from the middle of the 18th century —

First Degree Courses

Lectures, Classes and Seminars

C6. 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.

C7. History of Europe Overseas, 1492-1900 —

C8. World History from the End of the 19th century —

7. An optional subject 255, 338-40

8 and 9. A special subject 341-2

For students registered in and after October 1973

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 candidate's Department's estimate of his performance in the last two years of his course.

Examination papers

Only first-year lectures and classes have been listed

Lectures, Classes and Seminars

1-5 Five of the following papers, of which two at least shall be from Group A and one at least from Group B:

A1. British History down to the end of the 14th century. Candidates may select questions from any two or from all three sections of the paper, which will be divided chronologically 325-7

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 328-9

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 —

B1. European History from 400 to 1200 332

B2. European History from 1200 to 1500 333

B3. European History from 1500 to 1800 283, 334

B4. European History from 1800 335

C1. History of Political Ideas 336-7, 511

First Degree Courses

The paper will be divided into three sections as follows:

- (a) European
- (b) South Asian
- (c) Islamic

Section (a) will be further divided into two subsections:

- (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 in section C may only be selected subject to the approval of the candidate's School or Institution.

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

6. An Optional Subject

7 and 8. A Special Subject

Courses C1-C7 are intercollegiate courses, and the teaching may be given in any college. They will mostly be studied in the first or second year. The optional and special subjects are taught on an intercollegiate basis.

In addition to the above papers the School is required to certify that candidates have been examined by a paper containing passages for translation into English from a language or languages required by the School and appropriate to Branch II, and that they may be allowed to proceed to the final examination. No candidate will be admitted to the final examination without this certificate. Candidates will be permitted to bring dictionaries for use in the college-based language examination. This examination will take place during the course of study.

Special subjects will be examined by one three-hour paper normally including

First Degree Courses

passages for comment from 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 type-written. The method of examination to be adopted for any particular special subject in any year will be subject to approval by the University.

Note The optional and special subjects are set out in the University of London Regulations for First Degrees in the Faculty of Arts for Internal Students. The School normally provides lectures and classes for the optional subjects British Economic History to the early 16th century; British Economic History from the early 16th to the late 18th century; British Economic History from the late 18th century; Modern English Constitutional History from c. 1530-1914; Diplomatic History, 1814-1945; and The History of Germany, c. 1860-1945, and seminars or classes for the special subjects of The Economy of England, 1350-1500; The Near Eastern Question, 1875-1881; and the German Revolution, October 1918-March 1920.

Language Studies

The School offers teaching for a number of two-subject combinations in the field of language studies within the framework of the combined studies degrees in the Faculty of Arts of London University. Entry to any particular two-language combination amongst those mentioned may not be possible in any given year.

Emphasis in the department is on general linguistics and on an analytical and social approach to language rather than on an aesthetic or literary one, and, where the University syllabus permits a choice, students of the School will be expected to select accordingly. Students taking two languages will be required to attend courses in general linguistics and phonetics.

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

Supervisors will advise students on the choice of options and will recommend appropriate courses from the Language Studies section in Part III of this Calendar (Courses 362-408).

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

The subjects for examination shown in the following tables are numbered differently in this Calendar from the list of subjects given in the University regulations. All students are advised to read the Regulations for First Degrees in the Faculty of Arts for Internal Students, available from the School Registry.

First Degree Courses

French and Linguistics

The examination consists of ten papers as follows:

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| 1. Principles of Linguistics, Descriptive, Comparative and Historical | 362, 362a, 366 |
| 2. General Linguistic Theory I: Grammar, Semantics | 364-5, 367, 367a |
| 3. General Linguistic Theory II: Phonetics, Phonology | 363, 363c, 367 |
| 4 and 5. <i>Two</i> of the following: | |
| (a) Historical Linguistics | 369 |
| (b) Linguistics and Language Teaching | — |
| (c) Sociolinguistics: Language and the Community | 370, 370a |
| (d) Psycholinguistics: Language and the Individual | 368 |
| (e) Phonetics | — |
| (f) Linguistic Typology and Language Classification | — |
| 6. Translation from and into French | 376-8 |
| 7. Essay in French | 376-8 |
| 8. History of the French Language to the Present Day | 372 |
| 9. Nineteenth and Twentieth Century French Literature | 373-5 |
| 10. A special subject in French | 383 |

There is also a practical test in Phonetics to be taken on the same occasion as paper 3, and a French oral examination.

German and Linguistics

The examination consists of nine papers as follows:

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| 1. Principles of Linguistics, Descriptive, Comparative and Historical | 362, 362a, 366 |
| 2. General Linguistic Theory I: Grammar, and Semantics | 364-5, 367, 367a |
| 3. General Linguistic Theory II: Phonetics and Phonology | 363-363c, 367 |
| 4. Translation from and into German | 393-4 |
| 5. The German Language and <i>four</i> of the following, including at least <i>one</i> chosen from papers 6-11, and at least <i>two</i> from papers 12-14 | 392 |

First Degree Courses

Lectures, Classes and Seminars

| | |
|---|-----------|
| 6. Historical Linguistics | 369 |
| 7. Linguistics and Language Teaching | — |
| 8. Sociolinguistics: Language and the Community | 370, 370a |
| 9. Psycholinguistics: Language and the Individual | 368 |
| 10. Phonetics | — |
| 11. Linguistic Typology and Language Classification | — |
| 12. Essay in German | 394 |
| 13. German Literature from 1830 to 1890 | 396 |
| 14. German Literature, 1890 to the Present Day | 397 |

There is also a practical test in Phonetics to be taken on the same occasion as paper 3, and a German oral examination.

Russian and Linguistics

The examination consists of ten papers as follows:

| | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| 1. Principles of Linguistics, Descriptive, Comparative and Historical | 362, 362a, 366 |
| 2. General Linguistic Theory I: Grammar, and Semantics | 364-5, 367, 367a |
| 3. General Linguistic Theory II: Phonetics, and Phonology | 363, 363c, 367 |
| 4 and 5. <i>Two</i> of the following: | |
| (a) Historical Linguistics | 369 |
| (b) Linguistics and Language Teaching | — |
| (c) Sociolinguistics: Language and the Community | 370, 370a |
| (d) Psycholinguistics: Language and the Individual | 368 |
| (e) Phonetics | — |
| (f) Linguistic Typology and Language Classification | — |
| 6. Translation from and into Russian | 401 |
| 7. Essay in Russian, as set for paper 3 of the B.A. in Russian Language and Literature | 402 |
| 8. <i>Either</i> (a) History of Russian Literature from 1800 to the Present Day, as set for paper 5 of the B.A. in Russian Language and Literature | 399(i), (iii), 400 |

First Degree Courses

Lectures, Classes and Seminars

or (b)* Two of the following as set for paper 6 of the B.A. in Russian Language and Literature:

- (i) History of Russian Literature to 1700 —
- (ii) Aspects of Russian Thought, 1825-1905 —
- (iii) The Development of the Russian Vocabulary —
- (iv) Modern Russian Syntax —

(In 8 (b) candidates must choose two questions from each of any two sections. At the time of the degree examination candidates will be allowed to decide from which two sections their questions are to be chosen. Candidates need not declare their choice of subjects beforehand.)

9 and 10. Two of the following:

- (a) History of the Russian Language to the present day (with prescribed texts) as set for paper 4 of the B.A. in Russian Language and Literature 398
- (b) Russian Literature since 1917 —
- (c) One of the following Russian authors: 403
 - (i) Pushkin (with prescribed texts) as set for paper 7c of the B.A. in Russian Language and Literature
 - (ii) Gogol (with prescribed texts) as set for paper 8c of the B.A. in Russian Language and Literature
 - (iii) Dostoyevsky (with prescribed texts) as set for paper 7d of the B.A. in Russian Language and Literature
 - (iv) Tolstoy (with prescribed texts) as set for paper 8d of the B.A. in Russian Language and Literature
 - (v) Mayakovsky (with prescribed texts) as set for paper 7e of the B.A. in Russian Language and Literature
 - (vi) Pasternak (with prescribed texts) as set for paper 8e of the B.A. in Russian Language and Literature
- (d) The Russian Symbolists (with prescribed texts) as set for paper 7 and 8e of the B.A. in French and Russian —

*Option 8(b) will be open to students at the School by special arrangement only.

First Degree Courses

Lectures, Classes and Seminars

(e) Link paper which may be set by individual colleges —

Syllabuses for the papers from the B.A. in Russian Language and Literature and the B.A. in French and Russian are given in the University of London *Regulations for First Degrees in the Faculty of Arts for Internal Students*.

The School must approve the candidate's choice of papers.

There is also a practical test in Phonetics to be taken on the same occasion as paper 3, and a Russian oral examination.

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

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

Degree of Bachelor of Science (Sociology)

Branch III

(Only for candidates registered before October 1972)

Only third-year lectures and classes have been listed

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

| | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| 1. British Social History in the 19th and 20th Centuries | — |
| 2. British Political, Administrative and Legal Institutions | — |
| 3. Economics | 745b |
| 4. British Social Policy and Administration | 746 |
| 5. Social Investigation ¹ | 755(iii) |
| 6. Social Theory ¹ | 761 |
| 7. One of the following: | |
| (a) Central and Local Government Administration | 748 |
| (b) Social Structure and Social Policy in Societies undergoing Industrialisation | 749, 779 |
| (c) The Structure of Social Security | 762 |

¹These papers will not include questions on Psychology. Students should refer to Courses Nos. 695, 696, 700, 756, 757.

First Degree Courses

| | |
|--------------------------------------|---------------------------------------|
| | <i>Lectures, Classes and Seminars</i> |
| (d) The Family in Law and in Society | — |
| (e) Industrial Sociology | 345(ii), 853(ii), 853a |
| (f) Criminology | 854(ii), 854b |
| (g) Political Sociology | 851, 851a |

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

Vacation Grants for Undergraduate Students

A limited sum of money is given to universities to support vacation work undertaken by students reading for first degrees who hold awards made by local education authorities, the Department of Education and Science, the Scottish Education Department or the Ministry of Education, Northern Ireland. Students of the School in these categories are eligible to apply for grants which are currently subject to the following arrangements:

1. Grants will normally be made to support
 - (a) full-time vacation study in an approved library, undertaken on the recommendation of the student's tutor;
 - (b) approved field work;
 - (c) approved vacation study overseas by students in the Department of Language Studies.
2. Approved travelling expenses will be paid in addition to grants for maintenance.

An announcement inviting claims will normally be placed on notice boards about four weeks before the end of each term, and applications should normally be made not later than two weeks before the end of term.

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

ACCOUNTING

The degree approved by the professional accountancy bodies is the B.Sc. (Econ.) degree of the University of London.

Institute of Chartered Accountants in England and Wales

In order to qualify as a chartered accountant, a period in articles with a firm of chartered accountants is necessary. Holders of a first degree normally have this period reduced to three years. Full particulars may be obtained from the Secretary, Institute of Chartered Accountants in England and Wales, Chartered Accountants Hall, Moorgate Place, EC2R 6EQ.

Graduates who have taken an 'approved degree' are entitled also to exemption from the Institute's intermediate 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. Further information is given in the pamphlet *Degree Studies and the Accountancy Profession* (obtainable from the Institute and also from the Registrar of the School).

Experience has shown that students from overseas often have difficulty after graduation in getting articles with a firm of professional accountants in Britain. Such students would therefore be greatly helped if they could obtain an offer of articles from a suitable firm before beginning their studies.

Association of Certified Accountants

Students of the Association are not obliged to serve under articles of clerkship, but may as an alternative obtain experience of an approved accounting nature in the finance or accounting departments of a commercial or industrial company, one of the nationalised industries, in national or local government or in the office of a practising accountant (not under articles). They are also permitted to follow a course of full-time study for the Association's examinations if they so wish, provided that they do so at an educational institution approved by the Council.

The period of articles or approved training for graduates is three years. Those who have taken the 'approved degree' (B.Sc. (Econ.) with the special subject Accounting and Finance) are entitled to complete exemption from Sections I, II and III, and the paper in Industry and Finance in Section V of the Professional Examination provided that they have taken the appropriate option in their second and third years.

Further information may be obtained from the Secretary of the Association, 22 Bedford Square, London, WC1B 3HF.

Institute of Cost and Management Accountants

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

B.Sc. (Econ.) graduates, irrespective of their special subject, are entitled to

Advantages and Concessions in Professional Training

exemption from the whole of the Institute's Part I examination and possibly from Part II.

B.Sc. (Econ.) graduates who have offered appropriate subjects in Part II of the final examination may be entitled to exemption from Industrial and Commercial Law in Part III of the Institute's examination.

For information about further exemptions from the Institute's examinations please write to the Chief Education Officer, The Institute of Cost and Management Accountants, 63 Portland Place, London, W1N 4AB.

Institute of Municipal Treasurers and Accountants

The Institute's professional examinations fall into three parts: Intermediate, Final Part 1 and Final Part 2. Graduates may be granted subject for subject exemptions on the basis of papers taken at the degree examinations.

Further information may be obtained from the Secretary, Institute of Municipal Treasurers and Accountants, 1 Buckingham Place, London, SW1E 6HS.

LAW

The Bar

The Council of Legal Education may grant to a student who has obtained a degree in law from a university in England or Wales, exemption from entering for the whole of Part I of the examination for call to the Bar or from entering for part of that examination. The conditions under which such exemptions may be obtained 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 normal period of articles is five years, but for candidates who have taken a degree at an approved university the period is reduced to two-and-a-half years. Any first degree of the University of London entitles the holder to this reduction. In the case of law graduates the period for articles is reduced to two years.

In most cases law graduates are wholly exempt from Part I of the Law Society's qualifying examination and may sit for Part II of the qualifying examination before entering into articles. 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.

The Actuarial Profession

Students who have obtained the B.Sc. Mathematics degree, or the B.Sc. (Econ.) degree with Algebra and Methods of Analysis in Part I and Statistics in Part II with

Advantages and Concessions in Professional Training

Actuarial Statistics as an optional subject *may* be granted exemption from certain papers in the examinations of the Institute of Actuaries, depending on the standards reached in the degree examination. Further particulars may be obtained from The Institute of Actuaries, Staple Inn Hall, High Holborn, London, WC1V 7QJ.

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

Regulations for Diplomas Awarded by the School

The School awards the following diplomas:

- (1) Diploma in Social Planning in Developing Countries
- (2) Diploma in Social Administration:
 - (a) One-year Course for Graduates
 - (b) Two-year Course for Non-Graduates
- (3) Diploma in Personnel Management
- (4) Diploma in Social Work Studies
- (5) Diploma in Statistics

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

(1) Diploma in Social Planning in Developing Countries

The London School of Economics and Political Science, with support from the Foreign and Commonwealth Office (Overseas Development Administration) offers a course in Social Planning in Developing Countries.

It 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 a student to stand outside the immediate circumstances of his own country and to consider general questions about the methods and organisation of social development. He will be encouraged to examine the policies of western countries, and to assess for himself their suitability for his own country's problems. Though western ideas, institutions and experience are drawn on 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.

The course covers one academic year.

The course will cover the following subjects:—

1. Social Policy and Planning in Developing Countries.
2. Two of the following:—
 - (i) Problems of Health and Disease
 - (ii) Planning of Welfare Services
 - (iii) Planning Community Development
 - (iv) Social and Economic Aspects of the Housing System
 - (v) Social Implications of Education.

Regulations for School Diplomas

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

Applications for admission to the course should be sent by 15 April to the Assistant Registrar (Admissions), London School of Economics, 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.

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

(a) he holds a university degree or other qualification 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:—

Lectures, Classes and Seminars

(1) Social Policy and Planning in Developing Countries 778, 779, 780, 781

(2) Two of the following:

(i) Problems of Health and Disease 769, 782

(ii) Planning of Welfare Services 783

(iii) Planning Community Development 784

(iv) Social and Economic Aspects of the Housing System 785

(v) Social Implications of Education. 96, 786

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.

Regulations for School Diplomas

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.

(2) Diplomas in Social Administration

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

The teaching for the Diploma combines theoretical study of the social sciences and practical experience in the fields of social administration, social work and social research. The curriculum includes lectures and classes in Economic and Social History, Economics, Psychology, Sociology, Social Anthropology and Social Policy and Administration. Each student is assigned to a tutor who is responsible

Regulations for School Diplomas

for the general supervision of his studies. For tutorials and classes the students are required to do regular written work. Variations are made in the course to meet the needs of students who are preparing to work in the low-income countries.

Field work in both statutory and voluntary agencies is arranged with the aim both of helping the students to gain a better appreciation of social conditions and social problems and of giving them an introduction to the practice of social work. This is undertaken during vacations. In their own interests students are advised to gain some experience outside London, and this may involve additional expense.

Diploma for Graduate Students

The full-time course for the Diploma for graduate students covers one academic year. Candidates are required to undertake a minimum of twelve weeks' full-time field work as an integral part of the course, six weeks of which must be done before the beginning of the Michaelmas term and six weeks during the Easter vacation.

Candidates are required to take one paper in each of the following subjects:

| | <i>Lectures, Classes and Seminars</i> | |
|--|--|---|
| | <i>U.K.</i> | <i>Overseas</i> |
| 1. Social Policy and Administration I | 744-6, 750-2 | 750-2, 778-80 |
| 2. Social Policy and Administration II | 744-6, 750-2 | 750-2, 778-80 |
| 3. Psychology, Social Structure and Economics I | 20, 695, 753-4, 756, 757(b), 758(b), 846 | 20, 83, 695, 756, 757 (b), 778, 781 |
| 4. Psychology, Social Structure and Economics II | 20, 695, 753-4, 756, 757(b), 758(b), 846 | 20, 83, 695, 756, 757(b), 778, 781 |

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

Applicants for admission to the course for the Diploma in Social Administration for graduate students must have attained the age of 21 by 1 October in the year for which they seek admission and they must be graduates of a university.

Admission for British graduates will be determined by interview and relevant documentary evidence. Application must be made by 1 February preceding the session for which admission is desired, but interviews will be given in the Christmas vacation for candidates who apply by the middle of November, and during the Lent term for those who apply by the middle of January.

Graduates of overseas universities must apply by 31 January if they are applying from overseas and by 1 March if they are in the United Kingdom. They should have had practical experience of at least one year's duration, preferably in their own country, in the social welfare field or in other relevant work. They are normally required to take an entrance examination, for which there is a fee of £1, and they may be called for interview; if necessary, arrangements can be made for the examination and the interview to take place overseas. Overseas graduates of a British university are not required to take the entrance examination, but they should have had the year's practical experience. The Diploma course is adapted to meet the needs of students, both from the United Kingdom and from overseas, who intend to work outside the United Kingdom, and separate papers for these students are set in the

Regulations for School Diplomas

examination for the Diploma. British graduates who wish to follow this 'overseas option' should have had a year's practical experience in an overseas country.

Application forms may be obtained from the department of Social Science and Administration.

Regulations

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

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

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

and (b) he shall be a graduate of a university.

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

4. A candidate will be required to undertake twelve weeks' full-time field work during vacations as an integral part of the course. Six weeks of this shall normally be undertaken before the beginning of the course of study.

5. There shall be an examination for the Diploma, to be held in the Summer term of each year on dates determined by the convener of the department of Social Science and Administration, hereinafter referred to as the convener of the department. The examination shall comprise the following papers:

(i) Social Policy and Administration I

(ii) Social Policy and Administration II

(iii) Psychology, Social Structure and Economics I

(iv) Psychology, Social Structure and Economics II

Papers (ii) and (iv) shall each be examined by means of an essay of not more than 3,000 words, written in the candidate's own time on a subject selected by the candidate from a list published by the Registrar. The essays shall be submitted to the Registrar by a date to be determined by him. An oral examination shall be held for papers (ii) and (iv) and a candidate may be tested orally on papers (i) and (iii).

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

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

An examination for candidates so referred may be held either in the following August or at any subsequent Diploma examination.

Regulations for School Diplomas

8. 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 in that paper he shall be treated as having then satisfied the examiners in the whole examination.

9. A mark of distinction shall be awarded to candidates who show exceptional merit.

10. 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.

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

12. A candidate who re-enters for the Diploma examination may not re-submit an essay which he has previously submitted for examination.

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

Diploma for Non-Graduate Students

The full-time course for the Diploma for non-graduate students covers two academic years. Students are required to undertake a minimum of sixteen weeks' full-time field work to be done during the vacations.

Regulations for School Diplomas

Candidates are required to take one paper in each of the following subjects:

| | <i>Lectures, Classes and Seminars</i> |
|--|--|
| 1. Social Policy and Administration I | 252, 740-741, 744-6, 750-2 |
| 2. Social Policy and Administration II | 252, 740-741, 744-6, 750-2 |
| 3. Psychology, Social Structure and Economics I | 20, 41, 695, 753-4(a), 756-8(b), 830 846 |
| 4. Psychology, Social Structure and Economics II | 20, 41, 695, 753-4(a), 756-8(b), 830, 846 |

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

Applicants for admission to the course for the Diploma in Social Administration for non-graduate students must have attained the age of 20 by 1 October of the year for which they seek admission, and have completed a period of employment or other suitable experience of approximately one year between leaving school and the date at which they wish to begin the course. They must take an entrance examination, for which there is a fee of £1, and those who reach the required standard in the examination may be called for interview. If necessary, arrangements can be made for the examination and the interview to take place overseas. Applications must be made by 31 January preceding the session in which admission is desired. Application forms may be obtained from the department of Social Science and Administration.

Regulations

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

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

(a) he shall have attained the age of 20 years on or before 1 October of the calendar year in which he is admitted;

and (b) he shall, since leaving school, have completed to the satisfaction of the convener of the department of Social Science and Administration (hereinafter in these regulations referred to as the convener of the department) a period of employment or other suitable experience of approximately one year's duration.

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

4. A candidate will be required to undertake sixteen weeks' full-time field work during vacations as an integral part of the course.

5. There shall be an examination for the Diploma, to be held in the Summer term of each year on dates determined by the convener of the department of Social Science and Administration, hereinafter referred to as the convener of the department. The examination shall comprise the following papers:

- (i) Social Policy and Administration I
- (ii) Social Policy and Administration II
- (iii) Psychology, Social Structure and Economics I
- (iv) Psychology, Social Structure and Economics II.

Regulations for School Diplomas

Papers (ii) and (iv) shall each be examined by means of an essay of not more than 3,000 words, written in the candidate's own time on a subject selected by the candidate from a list published by the Registrar. The essays shall be submitted to the Registrar by a date to be determined by him. An oral examination shall be held for papers (ii) and (iv) and a candidate may be tested orally on papers (i) and (iii).

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

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

An examination for candidates so referred may be held either in the following August or at any subsequent Diploma examination.

8. 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 in that paper he shall be treated as having then satisfied the examiners in the whole examination.

9. A mark of distinction shall be awarded to candidates who show exceptional merit.

10. 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.

11. A candidate who fails to satisfy the examiners in the examination and who is not referred in any paper may be a candidate for the whole examination on two, but not more than two subsequent occasions, of which the first shall not normally

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be more than two nor the second normally more than four academic years later than the occasion of the candidate's failure. If he is on either of those occasions referred in one paper Regulation 8 shall apply to him.

12. A candidate who re-enters for the Diploma examination may not re-submit an essay which he has previously submitted for examination.

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

(3) 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 organizations, which makes it possible for students to obtain varied first-hand experience, including practical training in a personnel department.

A person to whom the Diploma is awarded may seek exemption from the examinations of the Institute of Personnel Management. The Institute has recently amended its requirements and in order to obtain the Graduate Membership grade of the I.P.M. candidates must now pass an examination in the following subjects:

Economics
Psychology
Sociology
Statistics
General Personnel Management, and
either Industrial Relations
or Training and Education
or Recruitment and Employee Services

To obtain the Membership grade further examinations must be taken in

Personnel Management Policies
Management Systems, and
either Industrial Relations (advanced)
or Training and Education (advanced)

The Institute has agreed to give exemption to all students passing the L.S.E. Diploma examinations except for the paper in Personnel Management Policies, which will be conducted by the I.P.M. itself and can be taken only after the completion of the course at L.S.E. The L.S.E. Diploma course, as will be seen below, differs in some respects from the Institute's programme, especially with regard to optional subjects, but the changes have been agreed by the Institute.

Regulations for School Diplomas

The major change under this new scheme is the need for students to pass examinations in the basic social science disciplines: economics, psychology, sociology and statistics, if they have not taken these subjects in their undergraduate work. For students who cannot gain exemption from these subjects, the Diploma course will last fifteen months and the programme will be as follows:

| | |
|----------------------|--|
| August | Intensive course in the social sciences at L.S.E. |
| September | First period of practical work in industry |
| October to May | Academic studies, with examination at the end of May in Economics, Psychology, Sociology, Statistics |
| June | Workshops at L.S.E. |
| July | Second period of practical work in industry |
| August | Revision at L.S.E. and Diploma examination (for subjects see below) |
| September to October | Project (report on project and oral examination based on project at end of October) |

Exemption from the basic social science examinations will be given on a subject for subject basis depending on examinations passed in undergraduate courses or other comparable courses. In making application for the course students should list the subjects for which they claim exemption, stating why they should be exempt. Students who are granted full exemption will be able to complete the course in twelve months. Their programme will be as follows:

| | |
|----------------------|---|
| September | First period of practical work in industry |
| October to mid-March | Academic study |
| Mid-March to mid-May | Project (report on project and oral examinations based on project in mid-May) |
| June | Workshops at L.S.E. |
| July | Second period of practical work in industry |
| August | Revision at L.S.E. and Diploma examination in the following subjects: |

Industrial Relations and Industrial Law
Applied Behavioural Sciences
Management Systems
Principles and Practice of Personnel Management

Arrangements have been made with the Social Science Research Council for an extension for maintenance grants for students who are required to follow the extended course.

Applicants resident in the United Kingdom should have either a degree or a social science diploma from a British university, or should have had considerable industrial or commercial experience. Those without a degree or diploma should be at least 24 years of age and must take the entrance examination, for which there is a fee of £1. Only those who reach the required standard will be called for interview. All applicants who are exempt from the entrance examination will be interviewed.

Regulations for School Diplomas

Non-graduates should apply by 1 January preceding the session for which admission is desired. Applications from graduates will continue to be accepted up to 1 June. For candidates who apply by 1 January, interviews will be held during the Easter vacation. The entrance examination will be held early in March.

Applicants resident overseas must be university graduates or have a social science diploma, and they must have had at least two years' experience of industrial or related work in their own country. They are normally required to take the entrance examination and only those who reach the approved standard will be given an interview. If necessary, arrangements can be made for the examination and the interview to take place overseas. All candidates must apply by 1 January preceding the session for which admission is desired.

Application forms may be obtained from the Assistant Registrar (Admissions), 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 of study prescribed by these regulations, have satisfied the examiners in the examination for the Diploma.
2. No person shall be admitted to the prescribed course of study for the Diploma unless:
 - (a) he is a graduate of a university
 - or (b) he holds a certificate or diploma in Social Science
 - or (c) he has attained the age of 24 years, and, having had considerable industrial or commercial experience, satisfies the examiners in the entrance examination for the course
3. The prescribed course of study shall be of one calendar year's duration.
4. There shall be an examination for the Diploma, to be held at the end of August each year (on dates to be determined by the convener of the department of Social Science and Administration). The examination shall comprise the following:

Lectures, Classes and Seminars

Part I

Four papers as follows:

- | | |
|--|---|
| 1. Industrial Relations and Industrial Law | 345(ii), 348, 357, 448 |
| 2. Applied Behavioural Sciences | 351, 351(c), 791, 830 |
| 3. Management Systems | 20, 24, 24(a), 165, 169, 354, 917-8, 918(a), 943, 943(b), 991, 991(a) |
| 4. Principles and Practice of Personnel Management | 790-790(b) |

Part II

An oral examination based on the report of an investigation undertaken by students during the year

5. The examination shall be conducted by such members of the staff of the School as may be designated as internal examiners in each year by the Director, together with one or more external examiners. For the oral examinations, external examiners

Regulations for School Diplomas

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 reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

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

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

(4) Diploma in Social Work Studies

(This Diploma replaces the Diploma in Applied Social Studies and the Diploma for Social Workers in Mental Health.)

Regulations for School Diplomas

The School offers a one-year course in social work leading to a Diploma in Social Work Studies. The main subjects of study are principles and practice of social work, with special attention to casework, but including also the study of group work, community work and residential work; human growth and development, social influences on behaviour, deviations from normal patterns of living created by ill health, disablement, mental disorder, delinquency and deprivation of family life.

Field work teaching under supervision, undertaken in various social work agencies, e.g. local authority social work departments, social work departments of general and psychiatric hospitals, is an essential part of the course and is closely integrated with the theoretical part of the studies. Individual tuition is given in both the theoretical and field work parts of the course.

The course is a generic one and students have a choice of field work placements. On qualifying they become eligible for membership of the appropriate professional associations. In addition to working as practitioners in different fields of social service those qualifying by means of this professional course are in demand for a variety of posts carrying responsibility for teaching, supervision and administration.

Applications will be considered in order of receipt, and in any case not after 31 January in the year in which admission is desired. Candidates are admitted to the course on the recommendation of a selection committee which takes into account personal suitability for the practice of social work as well as qualifications, experience and age (see regulations below). Candidates are expected to have had at least a year's experience in social work before the course commences at the beginning of October. Only in exceptional circumstances will candidates with less experience be admitted to the course. Further particulars may be obtained from the Secretary, Social Work Courses, Department of Social Science and Administration, London School of Economics and Political Science, Houghton Street, London, WC2A 2AE. Letters should be clearly marked 'Diploma in Social Work Studies'.

Regulations

1. There shall be a Diploma in Social Work 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 in the field work as prescribed by these regulations.

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

either (a) he holds a university degree or diploma or certificate in the social sciences approved for this purpose by the convener of the department of Social Science and Administration (hereafter referred to as the convener of the department)

and

(b) he has experience in social work or work of a similar nature

or (c) he has attained the age of 25 years and has satisfied the convener of the department that he is adequately qualified:

(i) by experience in social work or work of a similar nature
and

(ii) by reason of having followed a systematic course of study in the social sciences.

3. The prescribed course of study shall be of one academic year's duration.
4. There shall be an examination for the Diploma, to be held in the Summer term of each year on dates determined by the convener of the department. The examination shall comprise the following papers:
 1. Human Growth and Behaviour
 2. Social Work and Social Administration
 3. Social Pathology

Paper 2 shall be examined by means of an essay of not more than 3,000 words written in the candidate's own time, on a subject selected by the candidate from a list published by the Registrar. The essay shall be submitted to the Registrar by a date to be determined by him. An oral examination shall be held for paper 2 and a candidate may be tested orally on papers 1 and 3.

5. In order to qualify for the award of the Diploma each candidate shall be required to complete field work of such nature, duration and standard as may be prescribed by the convener of the department.

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

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

An examination for candidates so referred may be held either in the following December or at any subsequent Diploma examination.

8. 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 in that paper he shall be treated as having then satisfied the examiners in the whole examination.

9. A mark of distinction shall be awarded to candidates who show exceptional merit.

10. 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.

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

12. A candidate who re-enters for the Diploma examination may not re-submit an essay which he has previously submitted for examination.

(5) Diploma in Statistics

The School offers a full-time course for graduate students leading to a Diploma in Statistics. The course is intended for graduates with first degrees specialising in subjects other than statistics, but including some study of statistics. 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 by 1 February 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.

Regulations for School Diplomas

2. No person shall be admitted to the prescribed course of study for the Diploma unless he holds a university degree or other qualification approved for this purpose by the convener of the department of Statistics.
3. The prescribed course of study shall be of one academic year's duration.
4. There shall be an examination for the Diploma, to be held in the Summer term of each year on dates determined by the convener of the department of Statistics. (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>Reference Nos. of Courses</i> |
|---|----------------------------------|
| 1. Statistical Theory | 976, 976(a) |
| 2. Statistical Methods and Inference | 924, 927, 976, 976(a) |
| 3. <i>Either</i> (i) Mathematics A | 912, 912(a) |
| <i>or</i> (ii) Mathematics B | 913, 913(a) |
| 4. Social Statistics and Survey Methodology | 927, 928, 933-34, 969 |
| 5. Statistical Demography | 680-1, 684-6. |
| 6. Operational Research Methods | 951-2(a) |
| 7. <i>Either</i> (i) Economic Statistics | 930-1 |
| <i>or</i> (ii) Econometric Methods | 33, 33(a) |
| <i>or</i> (iii) Econometrics I | 932, 932(a) |
| 8. Principles of Economics treated Mathematically | 31, 31(a), 952 |
| 9. Any other approved paper | — |

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 1, 2 and 3 in his selection unless he can satisfy his supervisor that he has already reached the required standard in any of these three papers.

5. In order to qualify for the award of the Diploma each candidate shall be required to attend a course on computer programming.
6. The examination shall be conducted by such members of the staff of the School as may be designated as internal examiners in each year by the Director, together with one external examiner. The external examiner shall be a person who, at the time of the examination, is not a member of the staff of the School. He shall be appointed by the Academic Board and shall be eligible for 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.

The Graduate School and Regulations for Higher Degrees

In its inception the London School of Economics was dedicated to research and advanced studies; and throughout its existence, the Graduate School, which is one of the largest of its kind in the country, has constituted a major division of its activities.

In the session 1972-73, 1,555 students were registered in the Graduate School either for systematic work for different higher degrees, or for shorter visits and special enquiries. The greater number of registered graduates work for the higher degrees of London University, but qualified applicants are admitted to do research under supervision without working for a degree.

At the present time the work of the Graduate School falls into two parts—advanced training and research.

As regards advanced training, the School provides lectures, classes, seminars and individual supervision for students who wish to take a Master's degree by examination. Such training is specifically designed to carry further specialisations commenced during work for a first degree, and to provide professional competence in the subject in which it is given. Reference to the details of lecture courses, classes and seminars in Part III of this Calendar will show the individual courses involved, which are now provided in the different subjects on a very extensive scale.

As regards research, unique facilities are provided by the close proximity of the School to the centres of government, business and law, and by its ease of access to the British Museum and the Public Record Office which, with the School's own large library, comprise perhaps the richest depository in the world of material relating to the social sciences.

Graduate students wishing to undertake research will be expected as a general rule to have attained the 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 obtainable by post on request. A copy may be obtained from the Graduate School Office by students applying personally for postgraduate registration. It contains a fuller description of graduate facilities, procedure on registration, the main regulations for internal higher degrees of the University of London open to students at the School and notes on library and social facilities.

Postal enquiries about admission to the Graduate School should be addressed to the Secretary of the Graduate School. Applicants enquiring in person should call at the Graduate School Admissions Office. Applications for October entrance must reach the School on the prescribed form, completed and fully documented, by 1 February. As preliminary correspondence is usually necessary, applicants are advised to make first enquiries well in advance.

Note If a candidate who has been offered admission for October fails to register

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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.

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

Higher Degrees

Candidates for internal higher degrees of the University of London must first be accepted by one of the colleges of the University. The fact that a student has satisfied the general requirements of the University of London does not mean that he will obtain a place at the School. Since its accommodation is limited the School can accept only a small proportion of those who apply. The School may specify conditions over and above the requirements of the University regulations with which a student must comply before admission. Candidates may also be asked to take a qualifying examination either before a decision is made on their application, or after the first year of registration at the School. A copy of the full University regulations of the relevant degree is available for inspection in the Graduate School Office. The School is able to distribute copies only to students registered for research degrees. There is given below only a selection of the regulations for those higher degrees for which candidates are most commonly registered at the School, together with a note on certain others.

The Higher Doctorates

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

External Higher Degrees

Only graduates of London University (either internal or external) may proceed to external higher degrees of the University. It is most unusual for candidates for external higher degrees to be registered at the School, but the Graduate School Committee may in special cases consider such applications. Candidates so accepted must conform to the appropriate School regulations and, while registered, pay the same tuition fees as candidates registered for internal degrees.

Regulations for Higher Degrees of the University of London

Candidates are directly responsible for knowing and observing University regulations, but deal with the University through the Graduate School Office. Only the final submission of theses and detailed arrangements for all examinations are conducted directly between the candidate and the University. Instructions on these points are given at the appropriate times.

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Degrees Available and Other Forms of Registration at the School

The degrees for which a student may register at the London School of Economics are as follows:

- (a) Doctor of Philosophy (Ph.D.)
- (b) Master of Philosophy (M.Phil.)
- (c) Master's Degrees:
 - Master of Laws (LL.M.)
 - Master of Science (M.Sc.)
 - Master of Arts (M.A.)¹

The Ph.D. may be awarded in the Faculties of Arts, Laws, Science and Economics. The M.Phil. may be awarded in the Faculties of Arts, Laws, Science and Economics.

The M.Sc. may be awarded in the Faculty of Economics.

As previously indicated, the School accepts under the Research Fee, students wishing to carry out research without taking a higher degree of London University. Such students may attend lectures and seminars relevant to their research work, and they are allocated to a supervisor.

Candidates may register at the School for the University Diploma in Social Anthropology, or the School Diploma in Statistics. Candidates may also register for the School Diploma in Social Administration, but applicants for this diploma should address their enquiries direct to the Department of Social Science and Administration at the School. For details see pages 251-257.

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

Regulations Common to the Ph.D. and Master's Degrees

1. Recommendations for registration must be submitted by the School to the University not later than three months after the date on which the course is begun. Retrospective registration will be allowed in some circumstances and where a student has already been registered in the Graduate School. No retrospective registration towards another degree is allowed for any period spent on the M.Sc.
2. A candidate who has been accepted by the School must be registered with the University as soon as he starts his course at the School. A candidate's registration cannot be recommended to the University until the School has received official evidence of all his previous university qualifications. Candidates for the one-year M.Sc. must be registered within two months of taking up their course.

A fee of £8 is payable for each registration as an internal student of the University for a postgraduate degree except that no additional registration fee is payable by a student who is permitted to transfer his registration from one higher degree to another.

Registration fees are not normally returnable.

3. If a student does not begin his course of study within one calendar year from

¹The only branches of this degree for which the School registers candidates are International History and Area Studies.

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the date of the approval of his registration the approval of his registration will lapse and he must apply again for registration if he still desires to proceed to a higher degree.

4. A qualifying or preliminary examination may be imposed after registration, as a condition of being allowed to enter for the degree examination. A student upon whom such a condition has been imposed will normally be required to sit the qualifying examination at least one year before he enters for his degree examination or submits his thesis. If he fails to pass this qualifying examination he will not be permitted to re-enter for it without the permission of the School and the University.

If an official qualifying examination is imposed, consisting of a paper or papers from an existing University examination, the fee payable by the candidate is prescribed by the University: £5 for a single paper, £10 for more than one paper. In this case, the candidate is required to submit an entry form to the University by the date prescribed in the regulations for the relevant examination.

5. It is essential that the student, whilst pursuing his course of study as an internal student, should be prepared to attend personally for study in a college, school or institution of the University during the ordinary terms at such time or times as his supervising teacher may require. All graduate students are therefore required to be resident within normal daily travelling distance of central London during term time.

6. Leave of absence may, under proper conditions, be permitted if the material for the work of a student registered for the M.Phil. or Ph.D. exists elsewhere. A full-time student granted leave of two terms or more must have been in attendance before entry to the degree examination for not less than four terms at the School and a part-time Ph.D. student not less than seven terms; neither the first nor the last term of the course can be counted as leave of absence.

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

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

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

10. A student submitting a thesis in typescript will be required to supply, at the time of the examination, two of the required copies of his thesis (*one* of which must be the typescript itself, *not* a carbon copy) bound in accordance with the following specification:

size of paper: quarto (10 inches by 8 inches) or International A4 (11.7 inches by 8.3 inches), except for drawings and maps on which no restriction is placed. Margins of $1\frac{1}{2}$ inches to be left on each side to allow for binding. Bound in a standardised form as follows: art vellum or cloth; overcast; edges uncut; lettered

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boldly up back in gold ($\frac{1}{4}$ inch to $\frac{1}{2}$ inch letters), DEGREE, DATE, NAME; short title written or printed neatly and legibly on the front cover.

(The name and address of a firm of bookbinders in London, who will bind theses to this specification, may be obtained from the Academic Registrar, University of London, Senate House, WC1E 7HU).

11. Except with the special permission of the Academic Council an internal student will not be permitted to register concurrently for more than one degree, diploma or certificate, nor for any combination of these awards of this University. Nor will any person be registered as an Internal Student of the University of London while registered as a student of any other university for the equivalent qualification, 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 unless he has pursued at the two universities separate prescribed courses leading to the examination concerned.

No student who is registered as an external student may be registered concurrently as an internal student.

The Degree of Doctor of Philosophy

(See also the section on common regulations.)

1. The following are eligible, by University regulations, to apply for registration for a Ph.D. degree:

- (i) A graduate of London University;
- (ii) A graduate of another university;
- (iii) The holder of an approved diploma in certain educational institutions of university rank.

An applicant who has not obtained at least a **second class (upper division)** in an honours degree of this university, or its equivalent in another university, will not normally be admitted to the Graduate School as a candidate for the Ph.D. degree; and one who has not already obtained a Master's degree of this or another university will usually be required to register, in the first place, for a Master's degree. A candidate who is required to satisfy any qualifying conditions *before* registration for the Ph.D. degree will not be permitted to count the time spent up to the time of obtaining these qualifications towards his course of study for the Ph.D. degree.

2. A student is required to register as an internal student before proceeding to the Ph.D. degree. When applying for registration he must submit satisfactory evidence of his qualifications to proceed to this degree. The registration form, when completed, must be returned to the Graduate School Office.

3. In the Faculty of Laws, a candidate must have obtained either the LL.B. with first class honours or the LL.M. of London University or a degree of another

university, assessed by London University as equivalent to one of these. In exceptional cases exemptions from these requirements may be granted.

4. A student registered for the Ph.D. who wishes to proceed instead to the M.Phil. must apply through the School for permission to do so. The length of further course, if any, which he will be required to pursue for the M.Phil. will be prescribed in each case by the University. On registering for the M.Phil. his Ph.D. registration will lapse.

Course of Study

5. Every candidate must pursue as an internal student:

- (a) a course of not less than two academic years (in the Faculty of Science two calendar years) of full-time training in research and research methods, or
- (b) a part-time course of training in research and research methods of not less than three academic years.

Note Students registering for the Ph.D. degree at any time other than the beginning of a session will be required to pursue a full-time course of not less than two calendar years, or a part-time course of not less than three calendar years.

6. A research student engaged in teaching work in a School of the University or elsewhere may be accepted as a full-time student, provided that the total demand made on his time, including any preparation which may be required, does not exceed six hours a week.

7. The course must be pursued continuously, except by special permission of the Senate.

8. Not later than nine months before the date when he proposes to enter for the examination the student must submit through the Graduate School Office the title of his thesis for approval by the University. After the title of the thesis has been approved it may not be changed except with the permission of the University.

Thesis

9. After completing his course of study every candidate must submit a thesis which must comply with the following conditions:

- (a) The greater portion of the work submitted therein must have been done after the registration of the student as a candidate for the Ph.D. degree.
- (b) It must form a distinct contribution to the knowledge of the subject and afford evidence of originality, shown either by the discovery of new facts or by the exercise of independent critical power.
- (c) It must be written in English and be satisfactory as regards literary presentation, and if not already published in an approved form, must be suitable for publication, either as submitted or in an abridged or modified form.
- (d) Theses for the Ph.D. in Geography and Philosophy shall not exceed 75,000 words in length unless permission to exceed this limit has been granted by the University.

(e) No thesis submitted for the Ph.D. degree in Economics should exceed 100,000 words in length (inclusive of footnotes and appendices, but exclusive of bibliography); this regulation does not apply to the editions of a text or texts; and in other cases a candidate may apply to the University to do so, such application being made at least six months before the presentation of the thesis.

(f) In the field of History no thesis shall exceed 100,000 words in length (inclusive of footnotes and appendices, other than documentary appendices, but exclusive of bibliography). This regulation does not apply to editions of a text or texts.

(g) Theses for the Ph.D. in Anthropology shall not exceed 100,000 words in length, excluding notes, bibliography and appendices, unless permission to exceed this limit has been granted by the University.

A candidate wishing to exceed the prescribed limit may apply for permission to the University through his supervisor and the Graduate School Office, such application being made at least six months before the presentation of the thesis.

10. The thesis must consist of the candidate's own account of his research. It may describe work done in conjunction with the teacher who has supervised the work, provided that the candidate clearly states his personal share in the investigation, and that this statement is certified by the teacher. In no case will a paper written or published in the joint names of two or more persons be accepted as a thesis. Work done conjointly with persons other than the candidate's teacher will be accepted as a thesis in special cases only.

11. The candidate must indicate how far the thesis embodies the result of his own research or observation, and in what respects his investigations appear to him to advance the study of his subject.

Entry for Examination

12. Every candidate must apply to the Graduate School Office for a form of entry, which, when completed and countersigned by the School authorities, must be sent to the University together with the proper fee not earlier than six months and not later than two months before the submission of the thesis.

13. Every candidate must produce a certificate from the authorities of the School stating that he has studied to their satisfaction for the prescribed period. The certificate must be submitted before, or at the same time as the thesis is submitted. The thesis may be submitted on or after the first day of the month following that in which the prescribed course of study is completed. A candidate who is required to pursue a course of study extending over a specified number of academic years will be permitted to submit his thesis on or after 1 June of the relevant year.

A candidate who will not be ready to submit his thesis at the end of the prescribed course may defer submission of the form of entry up to one calendar year from the completion of his course. A candidate who does not submit his form of entry within one calendar year must apply again to the University for admission to the examination if he still desires to proceed to the degree.

If a candidate has not submitted his thesis for examination within eighteen months after submission of the form of entry for the examination, his entry will be cancelled and the fee refunded less £9.

A candidate registered for the Ph.D. degree will be required to submit three copies of his thesis typewritten or published in his own name. In the Faculty of Arts or Science he is required to bring an additional copy to the oral examination adequately bound and paginated in the same way as the three copies submitted to the University.

14. The candidate is invited to submit as subsidiary matter in support of his candidature any printed contribution or contributions to the advancement of his subject which he may have published independently or conjointly. In the event of a candidate submitting such subsidiary matter he will be required to state fully his own share in any conjoint work.

Examination

15. After the examiners have read the thesis they may, if they think fit and without further test, recommend that the candidate be rejected.

16. If the thesis is adequate the examiners shall examine the candidate orally and at their discretion by written papers or practical examinations or by both methods on the subject of the thesis and, if they see fit, on subjects relevant thereto; provided that a candidate for the Ph.D. degree in the Faculty of Arts who has obtained the degree of M.A. in the same subject in this University shall in any case be exempted from a written examination.

17. If the thesis is adequate, but the candidate fails to satisfy the examiners at the oral, practical or written examination held in connection therewith, the examiners may recommend to the Senate that the candidate be permitted to re-present the same thesis and submit to a further oral, practical or written examination within a period not exceeding eighteen months specified by them. The fee payable on re-entry to the Ph.D. examination by a candidate referred in this way is £17.50 for an oral examination, and £25 for a written or practical examination.

18. If the thesis, though inadequate, shall seem of sufficient merit to justify such action, the examiners may recommend to the Senate that the candidate be permitted to re-present his thesis in a revised form within eighteen months from the decision of the Senate with regard thereto, and the fee on re-entry, if the Senate adopt such recommendation, shall be £25. The examiners shall not, however, make such recommendation 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 a candidate who, under this section, has been permitted by the Senate to re-present his thesis in a revised form.

19. 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.

20. If, after completion of the examination or re-examination for the Ph.D., the examiners are of the opinion that a candidate does not justify a recommendation for the award of that degree nor for the re-presentation of the thesis in a revised form for that degree, they may at their discretion recommend that the candidate

be eligible to apply for the award of the M.Phil. under the following conditions and procedures. No recommendation under this regulation shall be made unless the examiners are satisfied that the candidate has reached the standard required for the award of the M.Phil.

(a) On approval of the examiners' report, the candidate will be informed that he has been unsuccessful at the examination for the Ph.D., but that he has been adjudged eligible to apply within two months for the award of the M.Phil. if he so wishes.

(b) A candidate who applies 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.

(c) Upon an eligible candidate making application for the award of the M.Phil. for which no additional forms of examination are prescribed, he will be informed that the degree of M.Phil. has been conferred on him as from the date of the approval of the recommendation of the examiners for the Ph.D.

(d) Upon an eligible candidate making application for the award of the M.Phil. for which additional forms of examination are prescribed, he will be informed that the degree of M.Phil. will be conferred on him as from the date of his satisfying the examiners at such additional examinations. Should such a candidate fail to satisfy the examiners at any or all of the additional forms of examination, the question of his re-entry therefor will be governed by the regulations for the M.Phil. so far as applicable.

(e) An eligible candidate who does not apply for the award of the M.Phil. 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 is no longer eligible to apply for the award of the M.Phil. under this regulation.

21. For the purposes of the oral, practical or written examination held in connection with his thesis the candidate will be required to present himself at such place as the University may direct and upon such day or days as shall be notified to him. A Teacher or Teachers not exceeding two in number may be invited to attend the oral examination as observers.

22. Work approved for the degree of Ph.D. and subsequently published must contain a reference, either on the title page or in the preface, to the fact that the work has been approved by the University for the award of the degree.

Master's Degrees

General Note on Regulations for Master's Degrees

(See also the section on common regulations.)

1. The following are eligible, by University regulations, to apply to the School for registration for a Master's degree:

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- (i) A graduate of London University
 - (ii) A graduate of another university
 - (iii) A candidate who has obtained a qualification of an approved standard after a course of study extending over not less than three years in a university (or educational institution of university rank) overseas.
2. A student is required to register as an internal student before proceeding to a Master's degree. When applying for registration he must submit official evidence of his qualification to proceed to a Master's degree.
 3. A student admitted to the School must be recommended to the University for registration as a candidate for a Master's degree. The prescribed form for this official recommendation must be completed and returned to the Graduate School Office immediately after registration at the School.
 4. Students required to enter for a special examination or for the whole or a part of an examination for a lower degree as a qualification for admission to the examination for a Master's degree, will generally be required to pass such a qualifying examination at least one year before entry to the examination for the Master's degree. The lower degree, however, will not be granted to such persons.
 5. A candidate registered for the M.Phil. who subsequently desires to proceed instead to the Ph.D. degree must apply through the authorities of his college, school or institution for permission to do so. A full-time or part-time student may be granted retrospective registration for another degree in respect of part of his previous course of study.
 6. A student registered for a Master's degree is required to pursue an approved course of study. When he applies to be examined for the degree (by completing an entry form obtainable from the Graduate School Office) he must produce a certificate from the authorities of the School stating that he has studied to their satisfaction for the minimum period prescribed by the University. For course work degrees the certification is incorporated in the entry form.
 7. A student registered for the M.Phil. will not be permitted to publish his thesis as a *thesis approved for the Master's degree* without the special permission of the University.
 8. Information about the examinations for each of the Master's degrees is to be found below.
 9. Candidates who are prevented owing to the death of a near relative, or contact with an infectious illness, or by their own illness from taking all or part of a written examination under revised regulations for the degree of M.A. or M.Sc. in the Faculty of Economics at the normal time, may, with the approval of the relevant Boards of Examiners, (i) be set a special examination in the papers missed, as soon as possible after that date or (ii) if electing to re-enter the written examination at the normal time, submit their reports, essays or dissertations immediately or at the time of re-entering the written papers. Application on behalf of such candidates must be made by the School, be accompanied by a medical certificate and reach the Academic Registrar, University of London, Malet Street, London, WC1E 7HU, within seven days from the last day of the examination.

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The Degree of Master of Science (M.Sc.) in the Faculty of Economics

The degree of Master of Science in the Faculty of Economics is awarded to candidates successfully completing examinations based on courses which fall within any of the following branches:

| | | |
|---|--|--|
| Accounting and Finance | International History | Social Anthropology ¹ |
| Business Studies ¹ | International Law ¹ | Social Psychology |
| Demography | International Relations | Sociology |
| Econometrics and Mathematical Economics | Logic and Scientific Method | Sociology with special reference to Education ¹ |
| Economics | Management Studies | Sociology with special reference to the Sociology of Medicine ¹ |
| Economic History | Operational Research | Statistics |
| European Studies | Planning Studies | |
| Geography | Politics | |
| Industrial Relations | Social Administration and Social Work Studies | |

Qualifications for Admission

A graduate who has not obtained at least a **second class honours degree** in this University, or its equivalent in another university, will not normally be admitted to the School as a candidate for the M.Sc. degree.

Registration with the University

Candidates accepted for the M.Sc. must be registered with the University (through the Graduate School Office) immediately after the beginning of their course. Candidates should complete the University registration forms and return them to the Graduate School Office. Their registration cannot be recommended to the University until official evidence of their qualifications has been received by the Graduate School Office. There is no provision for retrospective registration for the M.Sc.

Course of Study

The course of study will extend over not less than **one** academic or **one** calendar year², but a candidate whose initial qualification in the field of study he wishes to pursue is held by the School to be insufficient may be required to extend his course over **two** years and to pass a qualifying or preliminary examination not less than one year before entry for the degree examination.

No candidate will be admitted to the School to follow the course of study for the M.Sc. degree except at the beginning of the session.

A candidate who has been admitted to the School as a part-time student will be required to extend his course of study over two academic or two calendar years.

Part-time students must discuss with their supervisors at the beginning of the

¹The School does not register students for this branch of the M.Sc.

²In the following branches of study the examination will take place in June: Accounting and Finance, Economics, Econometrics and Mathematical Economics, European Studies, Industrial Relations, International History, International Relations, Logic and Scientific Method, Management Studies, Operational Research, Regional and Urban Planning Studies, Social Administration and Social Work Studies, Social Psychology, Sociology, Statistics. In the following branches of study the examination will take place in September except that a candidate offering for one of these Branches a paper which is offered in June in the Masters examination in another Branch will sit that paper in June, and the remainder of his papers in September: Demography, Economic History, Geography, Politics.

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course how often they are required to attend. There are, however, very few lectures given in the evening.

Examination

The examination in each branch of study will take place once a year, either in the third week of June or in the first week of September.¹ It will consist of written papers, where appropriate a test of practical work or an essay written during the course of study, and, at the discretion of the examiners, an oral examination.

Each candidate must apply to the Graduate School Office for a form of entry either by 10 January or by 1 April for the June or the September examination respectively. This form must be sent, duly completed, together with the appropriate fee to the Academic Registrar **not later than 1 February or 1 May**. Candidates registered for the M.Sc. degree in the Faculty of Economics in a Branch which is examined in September who are permitted to offer a paper which is offered in June in the Master's examination in another Branch of the Master's degree must submit their form of entry not later than 1 February.

A candidate who fails in his examination will not normally be readmitted to the School, but he may re-enter for the examination on **two** further occasions.

A list of candidates for the M.Sc. examination who have satisfied the examiners, will be published, arranged in alphabetical order, by the Academic Registrar. A mark of distinction will be placed against the names of those candidates who show superior merit.

A diploma for the M.Sc. degree, under the Seal of the University, will be sent to each successful candidate, after the report of the examiners has been approved by the Senate.

The latest date for withdrawal from the examination is 1 June for the June examination, and 15 August for the September examination.

If a candidate withdraws, for reasons other than his own illness or the death of a near relative, from a written examination for a Master's degree after the last date of entry, but not later than the above date, the entry fee less £9 will be refunded.

Subjects of Study

The following is a list, arranged under branches of study, of the subjects which may be offered. Where approval for a special subject is required it must be sought at the beginning of the course of study.

Where regulations for a branch permit a subject to be chosen from another branch, the examination for that subject will be taken at the same time as the examinations in the branch for which the candidate is registered; except that candidates for branches of the M.Sc. which are examined in September will be required to sit those papers which are common to branches of the M.Sc. examined in June, together with the June candidates.

¹In the following branches of study the examination will take place in June: Accounting and Finance, Economics, Econometrics and Mathematical Economics, European Studies, Industrial Relations, International History, International Relations, Logic and Scientific Method, Management Studies, Operational Research, Regional and Urban Planning Studies, Social Administration and Social Work Studies, Social Psychology, Sociology, Statistics. In the following branches of study the examination will take place in September except that a candidate offering for one of these Branches a paper which is offered in June in the Masters examination in another Branch will sit that paper in June, and the remainder of his papers in September: Demography, Economic History, Geography, Politics.

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I. Accounting and Finance

The examination will consist of four papers, or three papers and a report, as indicated below. The selection must be approved by the School. Papers 1 and 2 must be taken by all candidates.

| | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| 1. Economic Aspects of Accounting I | } 155-156a, 166-172, 935 |
| 2. Economic Aspects of Accounting II | |
| 3. A specified problem area in accounting or finance | — |
| 4. Economics of Industry | 81-82 |
| 5. Public Finance | 78-80, 476 |
| 6. <i>Either</i> (a) Management Mathematics | 922, 922a, 950, 950a |
| <i>or</i> (b) Operational Research I | 977-978a, 980, 980a, 984-986 |
| <i>or</i> (c) Advanced Mathematical Programming | 980-983a |
| 7. <i>Either</i> (a) Computing and Data Processing | 939, 939b, 940, 940a, 943, 943b, |
| | 946, 946b, 948, 948b, 984 |
| <i>or</i> (b) Advanced Systems Analysis | 946, 946b, 947, 947b, 948, 948b, |
| | 988-989a |
| 8. Industrial Sociology | 351, 351a |
| 9. Elements of Mathematical Logic | 491-493 |

A candidate may, with the approval of his School, substitute a report of not more than 10,000 words for one of the papers other than 1 and 2.

In exceptional cases, a candidate may, with the approval of his School, substitute a paper from another Branch of the M.Sc. in Economics for one of the above papers 3 to 9.

II. Business Studies

This branch of the M.Sc. is not offered at the School.

III. Demography

The examination will consist of three papers and a record of practical work done during the course:

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| 1. Demography I | 684, 687-688, 690-691 |
| 2. Demography II | 681, 685, 687-689 |
| 3. <i>One</i> of the following: | |
| (i) Methods of Sociological Study | 862, 972, 972a |
| (ii) Sociology of Development | 865 |
| (iii) Social Structure of Industrial Societies | 864 |
| (iv) The Economics of Less Developed Countries and of their Development | 83-84 |
| (v) Economic Growth Historically Considered | 274 |
| (vi) Problems of Public Health and Socio-medical Research | 693 |
| (vii) Statistical Theory | 976, 976a |
| (viii) Any other subject approved by the candidate's teachers | — |

N.B. The examinations for optional papers (i), (ii), (iii), (iv) and (vii) will take place in June, not September.

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IV. Economics

The examination will consist of four papers as follows:

| | <i>Lectures, Classes and Seminars</i> |
|---|---|
| 1. Economic Theory I | 53-54a, 56-58a, 60, 60a |
| 2. Economic Theory II | 53-55a, 57-59a |
| 3. Methods of Economic Investigation | 53-54a, 57-58a, 61, 61a |
| 4. <i>One of the following (one paper):</i> | |
| (i) Advanced Economic Theory I: Theory of Economic Growth | 62, 62a, 64 |
| (ii) Advanced Economic Theory II: Linear Economic Models | 63, 63a, 64 |
| (iii) Advanced Economic Theory III: Theory of Investment Planning | 65 |
| (iv) History of Economic Thought | 66, 66a |
| (v) The Pure Theory of International Trade and Commercial Policy | 67, 67a, 69-70 |
| (vi) Theory of Optimal Decisions | 38, 71, 914 |
| (vii) Labour Economics | 72, 72a, 96, 359 |
| (viii) Monetary Economics | 73, 74, 75 |
| (ix) Economics of Public Enterprise | — |
| (x) Economics of Transport | 52, 76-77, 103 |
| (xi) Public Finance | 78-80, 96, 476 |
| (xii) Economics of Industry | 50, 81-82 |
| (xiii) The Economics of Less Developed Countries and of their Development | 83-85, 96 |
| (xiv) Agricultural Economics | 86-89 |
| (xv) Economic Aspects of Accounting | 151, 151a, 155, 155a, 167, 167a, 171, 935 |
| (xvi) Soviet Economic Structure | 90-92, 94, 95 |
| (xvii) Theory and Implementation of Detailed Planning | 90-95 |
| (xviii) International Monetary Economics | 68, 68a, 70 |
| (xix) Economics of Education and Human Capital | 96-99, 120 |
| (xx) Urban Economics | 80, 100-103, 247, 993 |
| (xxi) Marx's Economics in the Light of Contemporary Economic Analysis | 104, 104a |
| (xxii) Any other field of Economics approved by the candidate's teachers | — |

In exceptional circumstances (for example, where the M.Sc. Committee is satisfied that a candidate has already attained the appropriate standard in one of the compulsory papers) 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.

Note In session 1973-74 there will be no teaching for paper 4 (ix).

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V. Econometrics and Mathematical Economics

The examination will consist of four papers as follows:

| | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| 1. <i>Either</i> (i) Quantitative Economics I (one paper) | 105-106 |
| <i>or</i> (ii) Quantitative Economics II (one paper) | 105, 107 |
| 2. <i>Three of the following:</i> | |
| (i) Quantitative Economics I (<i>not if taken under 1 (i)</i>) | 105-106 |
| (ii) Quantitative Economics II (<i>not if taken under 1 (ii)</i>) | 105, 107 |
| (iii) Econometric Theory I | 111-113, 961-963 |
| (iv) Econometric Theory II (<i>available only to candidates taking 2 (iii)</i>) | 111-113, 963 |
| (v) Advanced Mathematical Economics I | 108, 110, 914 |
| (vi) Advanced Mathematical Economics II (<i>available only to candidates taking 2 (v)</i>) | 109-110, 914-915 |
| (vii) Advanced Mathematical Programming | 980-983a |
| (viii) Any other subject approved by the candidate's teachers | — |

Subject to the approval of the candidate's teachers, a candidate may substitute an essay or report for one of the papers under 2.

VI. Economic History

The examination will consist of three papers and a report written during the course of study. The candidate's choice of papers and report title will require the approval of his supervisor.

| | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| 1. The sources and historiography of Economic History in one of the following periods: | |
| (i) England 1350-1500 | 270 |
| (ii) England in the 17th century | 253, 271 |
| (iii) Britain 1783-1850 | 253-255, 272 |
| (iv) Britain 1900-1950 | 254, 272 |
| (v) U.S.A. 1890-1929 | 257(iii), 273, 273a |
| 2. <i>Either</i> a second paper under 1 <i>or</i> a paper on a specified period in the Economic History of Great Britain or the U.S.A. | — |
| 3. A report of about 10,000 words on an approved topic relating to the period chosen for paper 1 | — |
| 4. <i>One of the following:</i> | |
| (i) Economic Growth Historically Considered | 274 |
| (ii) The History of Science and Technology in Western Europe in <i>either</i> 1500-1750 <i>or</i> 1750-1900 | — |
| (iii) The Economic Geography of the U.S.A. | — |
| (iv) The History of Economic Thought | 66, 66a |

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Lectures, Classes and Seminars

| | |
|--|----------------------|
| (v) The Regulation of Industry by Government in the U.S.A. | 572 |
| (vi) Elements of Statistical Methods | 916, 916b, 917, 917a |
| (vii) British Labour History | 269 |
| (viii) The Population of the United States of America from Colonial Times to the Present | 277 |

N.B. The examinations for optional papers (iv) and (viii) will take place in June, not September.

VII. European Studies.

The examination will consist of three papers of which at least two must be chosen from Group I, and an essay not exceeding 10,000 words on an approved topic falling within the field of one of the candidate's chosen papers.

I Lectures, Classes and Seminars

| | |
|--|------------------------------------|
| 1. European History since 1945 | — |
| 2. The Politics of Western European Institutions | 563, 592, 593, 621 |
| 3. The Law of Western European Institutions | 466 |
| II | |
| 4. The Politics and Government of an Approved European Country | 543, 547, 548, 548a, 550, 562, 564 |
| 5. The Political Geography of Western Europe | 216 |
| 6. The International Politics of Western Europe | 614 |
| 7. The Economics of European Integration | 117 |
| 8. The Law of European Economic and Monetary Transactions. | 468 |

The examination will be held in June each year. The essay must be submitted by 15 September.

VIII. Geography

The examination will consist of four papers as follows:

1. Modern Geographical Thought and Practice
2. Three papers taken in *one* or, in special cases *two*, of the following:
 - (i) Economic Geography
 - (ii) Historical Geography
 - (iii) Social Geography
 - (iv) Physical Geography
 - (v) Cartography
 - (vi) Geography of a Particular Region

} Appropriate courses, including Nos. 228-41, 244, 247 will be arranged in consultation with supervisors.

As an alternative to one of these papers candidates may submit a report of not more than 10,000 words on an approved topic.

Candidates will also be required to show satisfactory evidence of acquaintance with field and other practical research techniques.

IX. Industrial Relations

The examination will consist of:

1. Industrial Relations (two papers)

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2. One paper in one of the following:

- (i) Labour Economics
- (ii) Labour History
- (iii) Labour Law
- (iv) Industrial Psychology
- (v) Industrial Sociology
- (vi) Manpower Planning

} Supervisors will recommend to candidates the courses appropriate for the option selected.

3. A report of not more than 10,000 words on a topic approved by the School authorities.

4. Essays written during the term will also be assessed and will form an integral part of the examination.

X. International History

The examination will consist of three papers, and an essay to be submitted in September. A knowledge of at least one European language in addition to English is essential.

1. One of the following general periods, including a knowledge of its sources and historiography:

- (i) 1688-1740
- (ii) 1740-1789
- (iii) 1789-1815
- (iv) 1815-1870
- (v) 1870-1914
- (vi) 1914-1946

2. Diplomatic theory and practice in one of the following periods, to be selected with the appropriate period under paper 1:

- (i) 1500-1815
- (ii) 1815-1919
- (iii) 1919-1946

} Courses by special arrangement.

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. This paper will be selected from those available to candidates for the M.A. in International History and approved by the candidate's teachers.

4. An essay not exceeding 10,000 words on a topic within the field of the above three papers.

A candidate who is successful in this branch may not enter for the M.A. in International History. A candidate who is successful in the M.A. in International History may not enter for this branch.

XI. International Law

This branch of the M.Sc. is not offered at the School.

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XII. International Relations

The examination will consist of three papers and an essay of not more than 10,000 words on an approved topic to be written during the course of study.

The three papers are as follows:

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| 1. International Politics | 581, 587, 600-601, 612, 624 |
| 2. Two of the following, to be chosen with the approval of the supervisor: | |
| (i) Foreign Policy Analysis | 583, 584, 587, 613 |
| (ii) International Institutions | 585, 591-592, 620-621, 623, 625 |
| (iii) European Institutions | 466, 592-593, 621, 623 |
| (iv) International Theory | 595-599, 623 |
| (v) The Politics of International Economic Relations | 601, 626 |
| (vi) The Politics of International Law | 608, 629 |
| (vii) Strategic Studies | 603, 605, 607, 631 |
| (viii) War and Crisis in International Politics | — |
| (ix) International Politics: The Western Powers | 583, 614 |
| (x) International Politics: The Communist Powers | 583, 585, 615 |
| (xi) International Politics: Asia and the Pacific | 583, 587-588, 616 |
| (xii) International Politics: Africa and the Middle East | 541, 583, 587, 589, 617, 619 |
| (xiii) Any other subject of comparable range in the field of International Relations or one related thereto approved by the candidate's teachers. | — |

Note In session 1973-74 there will be no teaching for paper 2 (viii)

XIII. Logic and Scientific Method

The examination will consist of four papers or three papers and a report not exceeding 10,000 words. The papers will be chosen *either* all from Option A *or* all from Option B.

| Option A: Philosophy of Science | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| 1. Elements of Mathematical Logic | 491-493, 906, 906a |
| 2. Advanced Scientific Method | 485, 486, 489, 492, 497 |
| 3. History of Epistemology | 488, 488a, 489, 497 |
| 4. Philosophy of Mathematics | 495 |
| 5. Foundations of Probability and Statistics | — |
| 6. Selected Topics in the History of Science and Mathematics | 490, 495, 498 |
| 7. Methodology of the Social Sciences | 487, 499 |

or

| Option B: Mathematical Logic and Philosophy of Mathematics | |
|---|----------------|
| 1. Mathematical Logic | 493, 906, 906a |

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| | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| 2. Advanced Mathematical Logic | 494 |
| 3. Topics in the Foundations of Mathematics | 494 |
| 4. Philosophy of Mathematics | 495 |
| 5. Foundations of Probability and Statistics | — |
| 6. Selected Topics in the History of Science and Mathematics | 490, 495, 498 |
| 7. Advanced Scientific Method | 485, 486, 489, 492, 497 |
| 8. History of Epistemology | 488, 488a, 489, 497 |

Note A candidate's choice of papers will require the approval of his supervisor.

XIV. Management Studies

The examination will consist of three papers to be taken in June and a report of not more than 10,000 words on a selected project to be submitted in the following September.

A candidate's choice of options and project will be made subject to the advice and approval of his supervisor.

Candidates whose qualifications on admission are insufficient for their special subject will be required to spend not less than two years on the course and to pass a qualifying examination not later than the end of the first session.

A candidate is required to select one of the following subjects¹:

| A. Industrial Relations and Personnel Management | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| 1. Industrial Relations and Personnel Management | 345(i), 345a, 348-350a, 351a, 795 |
| 2. One of the following options: (e), (h), (i), (j), (k), (n) | — |
| 3. One of the following options: (a), (c), (l), (m), (o), (p) | — |

| B. Systems Analysis | |
|--|---|
| 1. Advanced Systems Analysis | 946, 946b, 947, 947b, 948, 948b, 988-989a |
| 2. One of the following options: (c), (d), (e), (f), (l) if not taken under 3 below, (m), (o), (q). | — |
| 3. One of the following options: (b), (e) (g), (h), (i),(j), (k), (l) if not taken under 2 above, (n). | — |

| Optional papers | |
|--|--|
| (a) Computing and Data Processing | 939, 939b, 940, 940a, 943, 943b, 946, 946b, 948, 948b, 984 |
| (b) Commercial Law | — |
| (c) Design and Analysis of Statistical Investigation | 957-960a |
| (d) Econometric Theory I | 111-112, 961-963 |
| (e) Economics of Industry | 81, 81a |

¹Accounting and Finance is no longer offered as a specialist option under this heading but may be taken as a separate branch of the M.Sc.—see page 277.

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| | <i>Lectures, Classes and Seminars</i> |
|---|---|
| (f) Mathematical Methods in Planning | 103, 136, 247, 993 |
| (g) Industrial Relations and Personnel Management for Non-specialists | 355 |
| (h) Industrial Psychology | 723 |
| (i) Industrial Sociology | 351 |
| (j) Labour Economics | 72, 72a, 96 |
| (k) Labour Law | 356 |
| (l) Management Accounting | 151, 151a, 155, 155a, 157, 157a, 935 |
| (m) Management Mathematics | 922, 922a, 950, 950a |
| (n) Manpower Planning | 97, 354, 358 |
| (o) Statistical Theory | 976, 976a |
| (p) Introduction to Systems Analysis | 939, 939b, 943, 943b, 944, 946, 946b, 984 |
| (q) Operational Research I | 977-978a, 980, 980a, 984-986 |

In *exceptional* cases one other paper from another branch of the M.Sc. may be substituted for one of the papers listed above, subject to the approval of the candidate's supervisor.

XV. Operational Research

The examination will consist of four papers (or three papers and a report on an approved project) and a record of practical work done during the course. The choice of special subjects must be approved by the candidate's teachers.

| | <i>Lectures, Classes and Seminars</i> |
|---|--|
| 1. Operational Research I | 977-978a, 980-980a, 984-986 |
| 2. Operational Research II | 155, 155a, 723, 793, 976, 976a, 990, 990a, 992 |
| 3. <i>Two</i> (or <i>one</i> if a report on an approved project is submitted) of the following options: | |
| (i) Advanced Mathematical Programming | 980-983a |
| (ii) Advanced Operational Research Techniques | 954, 954a, 979, 979a, 994 |
| (iii) Statistical Theory | 976, 976a |
| (iv) Probability, Stochastic Processes and Distribution Theory | 953-955 |
| (v) Design and Analysis of Statistical Investigations | 957-960a |
| (vi) Advanced Systems Analysis | 946, 946b, 947, 947b, 948, 948b, 988-989a |
| (vii) Advanced Scientific Method | 485, 486, 487, 497 |
| (viii) Econometric Theory I | 111-112, 961-963 |
| (ix) Economic Aspects of Accounting | 151, 151a, 155, 155a, 167, 167a, 171 |
| (x) Economics of Transport | 76-77, 103 |
| (xi) Industrial Sociology | 351, 351a |
| (xii) Mathematical Methods in Planning | 103, 136, 247, 993 |

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| | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| (xiii) Any other subject approved by the candidate's teachers. | — |

N.B. A knowledge of mathematics and statistics to the level of the papers in Algebra and Methods of Analysis and Elementary Statistical Theory of the Part I examination of the B.Sc.(Econ) will be assumed. A student who applies without previous study of one or more of these subjects may be required to pass a qualifying examination before admission.

XVI. Planning Studies
Regional and Urban Planning Studies

The examination will consist of three papers and a report.

| | <i>Lectures, Classes and Seminars</i> |
|--|---|
| 1. The Economics of Regional and Urban Planning | 21, 21a, 100, 103, 114-116, 136, 243, 245 |
| 2. Administration in Regional and Urban Planning | 243, 245, 534, 555, 555a, 557, 557a |
| 3. Geographical Aspects of Regional and Urban Planning | 214, 242-247 |
| 4. A report of not more than 10,000 words | — |

The report must be submitted in September.

Candidates must also satisfy the examiners that they have a sufficient level of attainment in statistics.

XVII. Politics

The examination will consist of four papers or three papers and an essay written during the course of study.

Candidates will be required to choose *one* of the following:

| | <i>Lectures, Classes and Seminars</i> |
|--|---|
| 1. History of Political Thought | 516, 522, 523 |
| 2. The Politics and Government of the United Kingdom | 550, 537 |
| 3. Comparative Government | 454, 552 |
| 4. Political Sociology | 520, 538, 553, 554, 851, 870-872 |
| 5. Theory and Practice of Public Administration | 534, 535, 539, 542, 555, 555a, 556, 558-561 |
| 6. The Politics and Government of an approved country (other than the United Kingdom), a federation, association or group of countries; or the government and the economy of an approved country. (Candidates may be required to acquire a knowledge of an appropriate foreign language and will normally be required to do a minimum course of two years' study.) | 541-543, 548, 562, 564, 567, 570, 571, 589 |

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XVIII. Social Administration and Social Work Studies

The examination will consist of three papers and a report written during the course of study.

Candidates will be required to choose *one* of the following options. (Only candidates who have had field work experience in a social work agency and who satisfy the selection committee as to their personal suitability for social work will be considered eligible for option B.)

| Either A | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| 1. Social Policy and Administration | 768, 774 |
| 2. <i>Two</i> of the following: | |
| (i) Medical Care | 769 |
| (ii) Social Security | 770 |
| (iii) Welfare Services | 771 |
| (iv) Housing and Town Planning | 115, 116, 534, 555, 557, 772 |
| (v) Community Development | — |
| (vi) The Sociology of Family Law | — |
| (vii) Educational Administration | 773, 969 |
| (viii) A paper from another Branch of M.Sc. study (with the consent of the candidate's teachers) | — |

3. A report of not more than 10,000 words on a topic approved by the candidate's teachers

N.B. The report must be presented in June.

Note In session 1973-74 there will be no teaching for papers A2(v) and A2(vi).

Or B

- | | | |
|--|---|--|
| <ul style="list-style-type: none"> 1. Social Work Studies 2. Social Problems and Social Services 3. Mental Health and Mental Disorder | } | Supervisors will recommend appropriate courses for option B. |
|--|---|--|

Candidates for option B must also attain a satisfactory standard in field work. The assessment of field work will be based on supervisors' reports and on a report dealing with an aspect of this work approved by the candidate's teachers.

Applications are not accepted from those who are able to train for social work to the same level in their own countries (e.g. U.S.A., Canada, Australia).

N.B. The report must be presented in September.

XIX. Social Anthropology

This branch of the M.Sc. is not offered at the School.

XX. Social Psychology

The examination will consist of a record of practical work, the presentation of a report on a project and *three* papers selected from the following:

| | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| 1. Child Development and Socialisation | 721 |
| 2. Language, Thought and Communication | 715 |
| 3. Groups and Group Functioning | 719 |
| 4. Social Psychology of Organizations | 717 |

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| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| 5. Social Psychology of Conflict | 720 |
| 6. Communication and Attitude Change | 714 |
| 7. The Psychological Study of Social Issues | 724 |
| 8. Person Perception | — |
| 9. Personality | 718 |
| 10. Selected Issues in Social Psychology | — |
| 11. Interpersonal Behaviour | 722 |

Essays written during the session will also be assessed and will form an integral part of the examination.

One paper from another branch of the M.Sc. in the Faculty of Economics may be substituted for one of the papers if the candidate's teachers approve.

Not all options may be available every session.

XXI. Sociology

The examination will consist of three papers and an essay as follows:

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| 1. Methods of Sociological Study | 862, 863, 972, 972a |
| 2. <i>Either</i> (i) Social structure of Industrial Societies | 864 |
| <i>or</i> (ii) Sociology of Development | 865 |
| 3. <i>One</i> paper of the following: | |
| (i) Sociology of Education | 866 |
| (ii) Sociology of Deviant Behaviour | 855, 855a, 867 |
| (iii) Sociology of Religion | 850, 868 |
| (iv) Industrial Sociology | 350, 350a |
| (v) Race Relations | — |
| (vi) <i>Either</i> (a) Theories and Concepts of Political Sociology | 520, 553, 851, 871 |
| <i>or</i> (b) Political Stability and Change | 852, 852a, 870, 871 |
| <i>or</i> (c) The Study of Political Behaviour | 538, 554, 871 |
| (vii) Medical Sociology | 769 |

4. An essay of not more than 10,000 words on an approved topic.

Subject to the approval of their teachers candidates may substitute for one of the options under 3, a paper from the M.Sc. in Social Psychology.

In exceptional circumstances, for example, where a candidate's teachers are satisfied that the candidate has already attained the appropriate standard in Methods of Sociological Study or in either of the papers under 2, a candidate may submit a further paper from 3.

The examinations for the three papers will take place in June. The final essay must be submitted by 15 September.

Note. Students' attention is also drawn to the M.Sc. in Politics XVII. 4 Political Sociology.

XXII. Sociology with special reference to Education

This branch of the M.Sc. is not offered at the School.

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XXIII. Sociology with special reference to the Sociology of Medicine

This branch of the M.Sc. is not offered at the School.

XXIV. Statistics

The examination will consist of three papers and a record of practical work¹ done during the course. The choice of papers must be approved by the candidate's teachers. 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.

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| 1. Probability, Stochastic Processes and Distribution Theory | 953-955 |
| 2. Statistical Methodology and Inference | 956-957, 961-963 |
| 3. Design and Analysis of Statistical Investigation | 957-960a |
| 4. Advanced Social Statistics and Model Building | 954, 954a, 964-965a |
| 5. Econometric Theory I | 111-112, 961, 963 |
| 6. Advanced Mathematical Programming | 980-983a |
| 7. Survey Theory and Methods | 927, 966-968 |
| 8. Educational Statistics | 96, 98, 120, 969 |
| 9. Mathematics (by special arrangement only) | — |
| 10. Statistical Methods in Psychology (by special arrangement only) | — |
| 11. Demographic Techniques and Analysis (by special arrangement only) | — |
| 12. Any other topic approved by the candidate's teachers | — |

The Degree of M.A. in International History

The examination will consist of three papers and an essay. A knowledge of at least one European language in addition to English is essential.

1. One of the following general periods, including a knowledge of its sources and historiography:
 - (i) 1688-1740
 - (ii) 1740-1789
 - (iii) 1789-1815
 - (iv) 1815-1870
 - (v) 1870-1914
 - (vi) 1914-1946
2. Diplomatic theory and practice in one of the following periods, to be selected with the appropriate period under 1:
 - (i) 1500-1815

¹Course 971

The Graduate School

(ii) 1815-1919

(iii) 1919-1946

3. A special aspect, to be studied with the appropriate period under 1. Candidates will be expected to show knowledge of set printed sources and relevant monographs and articles.
4. An essay not exceeding 10,000 words on a topic within the field of the above papers.

The course will extend over one academic year, and the written examination will be held in June. The essay shall be presented not later than the end of September. Two copies must be submitted. They should normally be typewritten.

A candidate who has been successful at the examination for this degree may not enter for the M.Sc. branch X. International History. A candidate who has been successful at the examination in the M.Sc. branch X. International History may not enter for this degree.

A candidate who is permitted to re-enter with exemption from re-examination by written papers may re-present his essay at any time within a period not exceeding eighteen months from the date of the examiners' report. Examiners may, at their discretion, prescribe a minimum period to elapse before re-presentation.

The Degree of M.A. in Area Studies

The University offers an M.A. degree in Area Studies, but candidates cannot apply direct to the School. They are advised to write for details to the Academic Registrar, University of London, Senate House, WC1E 7HU.

The Degree of Master of Philosophy (M.Phil.)

The degree of Master of Philosophy is awarded by thesis or dissertation in the Faculties of Economics, Arts and Laws in every field for which the School offers teaching.

In the Faculty of Arts, the University may, in certain cases, prescribe written papers and/or practical examinations to be taken by candidates for the M.Phil. degree in Psychology.

Qualifications for Admission

A graduate who has not obtained at least a **second class (upper division)** in an honours degree of this University, or its equivalent in another university, will not normally be admitted to the School as a candidate for the M.Phil. degree.

A candidate whose initial qualification in the field of study he wishes to pursue is held by the School to be insufficient may be required to follow a course of study and to pass a preliminary examination not less than a year before he submits his dissertation.

The Course of Study and the Dissertation

The course of study will extend over not less than two academic years.

Students registering for the M.Phil. at any time other than the beginning of the session will be required to pursue a course of not less than two calendar years.

Each candidate will settle with his supervisor the subject and title of his dissertation and must have it approved by the University at least nine months before he submits the dissertation, which must not exceed 55,000 words. Candidates should bring the title for approval into the Graduate School Office before the end of the first session.

The thesis or dissertation must be written in English. The greater portion of the work must have been done after the registration of the student as a candidate for the M.Phil. The thesis or dissertation shall be either a record of original work or an ordered and critical exposition of existing knowledge.

The examination will consist of (a) a thesis, and (b) an oral examination which will include a test of the candidate's knowledge of the general background of his thesis.

A candidate will be permitted to enter at any time during the year provided that he has completed the prescribed course of study. A candidate will be permitted to submit his entry form and fee not less than two and not more than six months before he is eligible to submit his thesis for examination. For instructions on examination entry please see paragraphs 13 and 14 under Ph.D. regulations.

A candidate who is required to pursue a course of study extending over a specified number of academic years will be permitted to submit his thesis on or after 1 June in the year in which the course of study is completed.

If the thesis, though inadequate, shall seem of sufficient merit to justify such action, the examiners may, after having examined the candidate orally, recommend the University to permit the candidate to resubmit the thesis in a revised form within twelve months from the decision of the University with regard thereto. The examiners may, if they so desire, require the candidate to submit to a further oral examination when he presents the revised thesis for examination.

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.

A list of candidates for the M.Phil. examination, who have satisfied the examiners, will be published, arranged in alphabetical order, by the Academic Registrar. No unsuccessful candidate will be permitted to re-enter within one year of the date of his first entry without the permission of the examiners, save that a candidate who has failed in respect of his dissertation alone may re-present his revised dissertation at any time.

A candidate registered for the M.Phil. degree may, with the approval of his supervisor and of the School, be transferred to registration for the Ph.D. degree. Where this is permitted he may be allowed to count part of the period during which he was registered for the M.Phil. degree towards the registration period for the Ph.D. degree.

Fees for the Examination

Every candidate for the degree of M.Phil. must at each entry to the whole examination pay a fee of £25.

The Degree of Master of Laws (LL.M.)

Qualifications for Admission

Candidates entering for the LL.M. examination after the minimum course of one year must have obtained either first or second class honours at a first degree of the University of London or an approved equivalent degree.

There will be one examination paper in each subject. A candidate will be required either (i) to pass at one and the same examination in any four of the subjects, or (ii) in special circumstances and with the prior approval of the University to pass at one and the same examination in any three of the subjects, and in an essay of not more than 15,000 words on an approved legal topic. The essay must provide evidence of original work or a capacity for critical analysis, and must be written during the candidate's course of study. A candidate submitting an essay shall be examined orally on the subject of his essay unless the examiners otherwise determine.

Note Permission to take an essay will be granted only to candidates with particularly high entrance qualifications and will be subject to the approval of the candidate's supervisor and the University.

Course of Study

The course will extend over not less than one academic year and the examination will take place once in each year in September.

The title of the essay must be submitted to the University for approval by 1 January of the year in which the candidate presents himself for the examination and the essay must be submitted in typescript in duplicate by 1 July of that year.

Every candidate must submit a form of entry duly completed, together with the appropriate fee, not later than 1 May.

The subjects of the examination are as follows:

1. Jurisprudence and Legal Theory¹
2. Legal History
3. Administrative Law¹
4. Comparative Constitutional Law I
5. Comparative Constitutional Law II¹
6. Comparative Constitutional Law III¹
7. Company Law
8. Insurance (excluding Marine Insurance)¹
9. Marine Insurance
10. Carriage of Goods by Sea¹
11. Maritime Law (excluding Carriage of Goods by Sea and Marine Insurance)¹
12. Law of Personal Taxation
13. Law of Business Taxation
14. Law of Mortgages and Charities¹
15. Law of Landlord and Tenant¹
16. Planning Law¹
17. Law of Estate Planning¹
18. The Law of Restitution
19. Monopoly, Competition and the Law

¹Seminars on these subjects will not be given at the School in the session 1973-74, but candidates wishing to study not more than two of them may take the relevant seminars at other colleges while registered at the School.

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20. The Principles of Civil Litigation
21. Comparative Law of Contract in Roman and English Law¹
22. Comparative Criminal Law and Procedure
23. Comparative Conflict of Laws¹
24. Comparative European Law¹ (*Candidates taking the Soviet Law option for this subject may not take subject 25, Soviet Law*)
25. Soviet Law (*Candidates taking Section B of this subject may not take subject 26, Comparative Family Law. Candidates taking any part of this subject may not take the Soviet Law option for subject 24, Comparative European Law*)
26. Comparative Family Law (*Candidates taking this subject may not take Section B of subject 25, Soviet Law. Candidates taking option (iii) for this paper—The Law of the Overseas Chinese Communities in Singapore and Hong Kong—may not offer subject 47, Chinese Customary Law*).
27. History of International Law¹
28. Law of International Institutions
29. Law of European Institutions
30. Air and Space Law¹
31. International Law of the Sea
32. The International Law of Armed Conflict and the Use of Force¹
33. International Economic Law
34. African Law¹
35. The Law of Land and Natural Resources in Africa South of the Sahara¹
36. Hindu Law¹
37. Mohammadan Law¹
38. Criminology
39. Industrial and Intellectual Property
40. Legal Aspects of Defence Studies¹
41. Law of Treaties¹
42. Methods and Sources of International Law¹
43. Human Rights
44. Law of Management and Labour Relations
45. Sentencing and Treatment of Offenders
46. Law of Credit and Security¹
47. Chinese Customary Law¹
48. Modern Chinese Law¹
49. European Community Law¹

A candidate may, in exceptional cases and by special permission of the University, select one (or two) of the following subjects in place of one (or two) of the preceding subjects:

50. Sociology of Family Law¹
51. International Politics
52. International Theory

The selection of subjects available to part-time candidates who cannot attend during the day time is considerably restricted.

Diploma in Statistics

The School offers a full-time course for graduate students leading to a Diploma in Statistics. For details about this diploma please see pages 263-4.

¹Seminars on these subjects will not be given at the School in the session 1973-74, but candidates wishing to study not more than two of them may take the relevant seminars at other colleges while registered at the School.

Regulations for Diploma in Social Anthropology

Diploma in Social Anthropology

This diploma is awarded by the University of London and a full-time course of study is arranged by the School.

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

All students should read the *Regulations for Academic Diplomas*, which may be obtained from the Academic Registrar, University of London, Senate House, WC1E 7HU.

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

The diploma course is open to:

- (a) Students of postgraduate standing whose undergraduate courses have in the opinion of the University included a suitable preliminary training.
- (b) Students who, though not graduates, have satisfied the University that their previous education and experience qualify them to rank on the same level as graduates approved under (a) for this purpose.

Students are required to attend a course of study approved for this purpose by the University, extending over two sessions. The course of study must, unless special exemption is obtained, be continuously pursued.

Candidates are required to take the following papers:

- (i) History and Theory of Social Anthropology
- (ii) Political and Economic Organization
- (iii) Values, Beliefs and Ritual
- (iv) and (v) Two of the following options:
 - (a) Ethnography of a region with special reference to selected peoples (any region indicated for the B.A. degree in Anthropology examination, or Latin America, or the Mediterranean, may be offered for the diploma).
 - (b) Applied Social Anthropology
or Social Change in Developing Societies
 - (c) Social Anthropological Studies of Sectors of Complex Modern Societies
 - (d) General Principles of Linguistics
or Anthropological Linguistics
 - (e) Primitive Technology
 - (f) An essay consisting of a paper of three hours, relating to a subject within the fields of the first three papers
 - (g) Primitive Art

Supervisors will recommend to candidates courses appropriate for this diploma.

A dissertation of not more than 30,000 words may be offered in lieu of papers (iv) and (v). The subject of the dissertation must be submitted to the candidate's supervisor by 1 January.

The examination is held once a year beginning on the second Monday in June. Every student entering for this examination must apply to the Graduate School Office by 1 March at the latest, for an entry form which must be returned to the University, duly completed with the certificate of course of study thereon attested in accordance with General Regulations for Approved Courses of Study, together

Regulations for Diploma in Social Anthropology

with the proper fee, not later than 15 March. Candidates submitting original work in the form of a dissertation must submit two copies of the dissertation typewritten or printed, and bound in the prescribed fashion, not later than 15 May.

The fee is £18 for each entry to the examination.

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

Candidates shall not be approved by the examiners unless they have shown a competent knowledge in all the branches prescribed for the examination.

A student shall enter for the whole examination at the end of his two-year course.

Enquiries about this diploma should be addressed to the Secretary of the Graduate School.

Dates of Examinations

(INTERNAL STUDENTS)

1973-74

Entry forms for first-degree examinations should be obtained from Room H310 at least one month before the closing date. After completion by the student of the appropriate section the form should be returned to Room H310, together with the relevant enclosures. The School will forward first-degree examination forms to the University.

Students registered in the Graduate School should obtain their entry forms from the Graduate School Office at least one month before the closing date.

N.B. Although every endeavour is made to ensure accuracy in the following dates, students are advised in all cases to consult the University Regulations, which alone are authoritative.

| | |
|--|-----------------|
| B.Sc.(Econ.) Final, Part I | |
| Entry closes | 1 February 1974 |
| Examination begins | To be announced |
| B.Sc.(Econ.) Final, Part II (<i>Old Regulations</i>) | |
| Entry closes | 1 February 1974 |
| Examination begins | 20 May 1974 |
| B.Sc.(Econ.) Final, Part II (<i>New Regulations</i>) | |
| Entry closes | 1 February 1974 |
| Examination begins | To be announced |
| B.Sc.(Soc.) Final Examination ¹ | |
| Entry closes | 1 February 1974 |
| Examination begins | 31 May 1974 |
| B.Sc. Degree (Faculty of Economics) (all years) | |
| ¹ Mathematics | |
| Mathematics, Statistics and Computing | |
| Mathematics and Philosophy | |
| Social Anthropology | |
| Social Psychology | |
| Sociology | |
| Entry closes | 19 January 1974 |
| Examination begins | To be announced |
| B.Sc. Degree (Faculty of Science) Geography (all years) | |
| Entry closes | 19 January 1974 |
| Examination begins | To be announced |
| B.A. Final | |
| Entry closes | 24 January 1974 |
| Examination begins | 31 May 1974 |

¹For students registered before October 1972.

Dates of Examinations

| | |
|---|---|
| LL.B | |
| Entry closes | 1 February 1974 |
| Examination begins | To be announced |
| B.Sc. Social Science and Administration (First year) | |
| Entry closes | 15 December 1973 |
| Examination begins | To be announced |
| M.Sc. | |
| Entry closes | 1 February 1974 for June examination (including candidates for September branches who have chosen an optional paper which is examined in June) 1 May 1974 for September examination |
| Examination begins | Either 17 June 1974 or 2 September 1974 according to subject |
| M.A. | |
| Entry closes | 1 February 1974 |
| Examination begins | 17 June 1974 |
| LL.M. | |
| Entry closes | 1 May 1974 |
| Examination begins | 2 September 1974 |
| Diploma in Anthropology | |
| Entry closes | 15 March 1974 |
| Examination begins | 10 June 1974 |

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 organizations, though applications for admission from other qualified students will be considered. All applicants must show that they possess the training and experience necessary to profit from the course.

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

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

The syllabus of study consists of 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 organization of industry; industrial relations in overseas territories and the work of international organizations 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 his period of study.

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

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

Members of affiliated trade unions may be eligible for scholarships provided by the Trades Union Congress, to whom they should apply.

Regulations as to Honorary Fellows

1. The Honorary Fellows Committee of the Court of Governors shall consist of the Chairman and Vice-Chairman of the Court of Governors, the Director, the Vice-Chairman of the Academic Board, and six members appointed by the Court, of whom four shall be appointed on the nomination of the Academic Board.
2. The Court of Governors may, on the recommendation of the Honorary Fellows Committee and with the concurrence of the Academic Board, elect as an Honorary Fellow of the London School of Economics and Political Science any former student of the School who has attained distinction in the arts, science or public life, or any person who has rendered exceptional services to the School, or to the arts, science or public life.
3. No full-time member of the staff of the School shall be elected an Honorary Fellow.
4. Not more than thirty Honorary Fellows shall be elected at the meeting of the Court of Governors to be held in the Michaelmas term 1958. Thereafter elections may be made annually in the Michaelmas term. In any year after 1958 the number of persons elected shall not, save for special reasons considered adequate by the Court, exceed 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. Thereafter, unless successful or withdrawn, it shall be regarded as current for three successive years, after which it shall lapse; but a fresh suggestion of the same name can be made.
7. The file of names suggested, past and current, shall be open to inspection in confidence by those persons who are to be invited, in accordance with regulation 5, to make suggestions.
8. In each year the Honorary Fellows Committee shall not earlier than 1 June nor later than 15 October consider the current list of names suggested, and such other names as may be proposed in the course of their deliberations; and the names of persons recommended for election shall be arranged in alphabetical order in the report of the Committee.
9. The report of the Honorary Fellows Committee shall be considered by the Academic Board at their first meeting in the Michaelmas term and shall be transmitted by the Board, with such observations as they may think fit, to the Court of Governors for consideration at their meeting held in the Michaelmas term.
10. After the report of the Honorary Fellows Committee has been considered by the Academic Board, but before its transmission to the Court, the Director shall ask those who are recommended for election to Honorary Fellowships whether they would be willing to accept election. No such enquiry shall be made by those who suggest their names.

The Library

The British Library of Political and Economic Science, which is the library of the School, was founded by public subscription in 1896, a year later than the School. From the outset it was intended to serve not only as the working library of the School, but also as a national collection.

These interdependent functions have grown together: the School has given the Library wide contacts with the public and academic worlds and a standing which it could not easily have gained as an independent institution, and the Library has in its turn assisted in attracting research workers to the School.

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 social, economic and international aspects of history. As well as treatises and some 12,500 non-governmental periodicals (of which 4,300 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 some 11,100 serials (of which 6,300 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 630,000 bound volumes; the total number of separate items is estimated at over two million. In some subjects within its field, the Library is surpassed only by smaller and more highly specialised libraries, and in others it is unsurpassed; it is perhaps the largest library in the world devoted exclusively to the social sciences as a whole. A brochure, *Outline of the Resources of the Library*, may be obtained from the Librarian.

There is a full author catalogue typed on cards. The subject catalogue is published as *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 28 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 £1.25 a copy (plus postage).

The Library occupies a connected series of rooms on the north side of the School's main buildings in Houghton Street, Clare Market and Portugal Street. They include the only remaining part of the original School building of 1902, and later additions built partly with the aid of benefactions from the Rockefeller Foundation of New York. They are entered through a hall containing the counter for enquiries and the issue of books. There are seats for 964 readers. Immediately adjacent to the entrance hall is a room containing the catalogues and the most important bibliographies, encyclopaedias, directories etc. Reading rooms devoted to particular subjects or classes of material contain open-shelf collections amounting to some

The Library

71,000 volumes. The Periodicals Room provides all readers with immediate access to the current numbers of some 600 periodicals. Three further reading rooms are reserved for research workers, and one for the teaching staff of the School.

The greater part of the Library's collections is housed in the reserve stacks, which occupy nearly the whole of the basements of the main School building. Readers are not normally admitted to these, but any book is issued on request for use in the reading rooms.

The School also possesses other libraries. The Teaching Library occupies a series of connected rooms in the East Building. Its stock of over 30,000 volumes contains additional lending copies of the more important books used by undergraduates and graduates taking courses, and there is also a short-loan collection of periodicals and photocopies of articles etc. In addition to lending books, this library is a place of study, with accommodation for 159 readers. A leaflet giving details of Teaching Library services may be obtained at the counter.

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 fifth floor of the Main Building.

A brochure *Notes for Readers* may be obtained free of charge on request from any member of the Library staff.

Rules of the British Library of Political and Economic Science

1. The Library is open for the purpose of study and research to:
 - (i) Members of the London School of Economics and Political Science, as follows:
 - (a) Governors
 - (b) Honorary Fellows
 - (c) Staff
 - (d) Regular students
 - (e) 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 Library

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

All readers are required to show their School registration cards or Library permits 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 reading rooms are normally open on all working days during hours prescribed from time to time. They are 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 rooms in the main Library.

7. Readers who have finished with books taken from the open shelves in any of the rooms should return them without delay to the returned-book stack in the room from which they have been taken, or preferably to their places on the shelves.

8. Books not on the open shelves must be applied for on the prescribed vouchers. Readers must return such books to the book counter when done with and claim the corresponding vouchers; they will be held responsible for all books issued to them as long as the vouchers are in the possession of the Library uncancelled. Certain categories of books and papers may be read only in such rooms and during such hours as the Librarian may prescribe.

9. Except as provided below, no book, manuscript, or other property of the Library may be taken out of the Library. All readers as they leave the Library are required to show to the Library janitor any books, papers, folders, newspapers etc., they may be carrying.

Members of the School staff may borrow books subject to the prescribed conditions.

¹The fees at present prescribed are, for persons in categories 2 (a) and (c), £5.25 for a permit valid for six months, £2.62½ for three months or £1.05 for one month.

²The 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. On Mondays to Thursdays in term for most of the session the Library remains open, with a limited service, until 10.30 p.m. The days of closing prescribed at present are: six days at Christmas, six days at Easter, the Spring and late Summer Bank Holidays, and all Saturdays in July and August.

The Library

Students of the School may borrow books over the weekend and at other times when the Library is closed subject to the prescribed conditions.

10. Graduate students, upon completion of the prescribed vouchers, may keep books from the reserve stacks in their individual lockers in the research reading rooms. They will be responsible for books so held by them, and the books must remain accessible to the Library staff.

11. Graduate students of the School (including graduate students accepted by the School for intercollegiate study) 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 during the term are due back one week before the last day of term, but they will be subject to recall at any time. Books borrowed during the last week of any term or during vacation will be due for return at the end of the first week of the next term, but will also be subject to recall.

12. Readers handing in vouchers are required to supply all the necessary information in the appropriate spaces. The members of the Library staff are authorised to refuse vouchers giving insufficient detail.

13. A reader vacating his place will be deemed to have left the Library, and his books may be removed and the place occupied by another reader, unless he leaves on the table a note of the time of his return. In that case the place will be reserved for him from the time stated, but this reservation will lapse after fifteen minutes. The place will be available to other readers during the interim.

14. Ink-bottles or ink-wells cannot be taken into any of the Library rooms. Fountain pens are permitted. Readers using rare or valuable works, however, may be required to work with pencil.

15. Eating, drinking and smoking are forbidden within the Library.

16. No reader may enter the Library basement or any other part of the Library not open to general readers without special permission.

17. The tracing of maps or illustrations in books is forbidden. No book, manuscript, paper or other property of the Library may be marked by readers. Anyone who 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.

18. The Library is intended solely for study and research, and may not be used for any other purpose whatsoever.

The Library

19. Silence should be preserved in the reading rooms and on the central staircase and landings.

20. Permission to use the Library may be withdrawn by the Director or the Librarian from any reader for breach of the rules in force at the time, or for any other cause that may appear to the Director or to the Librarian to be sufficient.

University Library

Any member of the University, staff or student, may apply to use the University Library (entrance on the fourth floor of the Senate House). An internal student may obtain a ticket entitling him to read in the Library and borrow books, by completing an application form (obtainable at the University Library) and showing evidence of University registration e.g. a College Card. Short instructional tours of the Library are arranged for new members, particularly during the first few weeks of the session.

The University Library is a large general library of about one million volumes of books and periodicals, many of which may be borrowed for home reading. There are reading places for about 600, arranged in general reading rooms where there are collections of reference books and bibliographies, and in special rooms for Periodicals, British Government Publications, Geography and Maps, History (European), Palaeography, Philosophy, Psychology, United States and Latin American Studies, and Music. 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 of works published before 1850.

Photocopying facilities include coin-operated machines in the Library and a photographic department in the basement, which can supply microfilms, slides, enlargements and other photographic copies.

Hours of Opening

Monday to Friday during the session: 9.30 a.m. to 9 p.m.

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

Saturday and during the Summer vacation: 9.30 a.m. to 5.30 p.m.

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

The Economists' Bookshop

The Economists' Bookshop, owned jointly by the School and The Economist Newspaper, was established in 1947 to provide a service to the staff, students and Library of the School and, through its mail order trade, to the world community of social scientists. The Bookshop's Board of Directors is composed equally of representatives of the School and of The Economist Newspaper. From small beginnings it has grown in recent years into a considerable bookselling enterprise, which numbers among its customers nearly all the universities in Great Britain as well as many universities and institutional bodies overseas. In addition to the main premises in Clare Market, the Bookshop has a mail order centre in N.W.1, and a separate shop selling secondhand books, new paperback fiction and stationery in Portugal Street. Over 8,000 titles are regularly held in stock, including a wide range of paperbacks and pamphlets. It also operates a bookshop at the London Graduate School of Business Studies in Regent's Park, and the Enfield College Bookshop.

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

Four journals are edited and published from the School: *Economica* (founded in 1921), *Population Studies* (1947), the *British Journal of Industrial Relations* (1963), and the *Journal of Transport Economics and Policy* (1967). The *British Journal of Sociology* (1956) is edited in the School and is published for the School by Routledge and Kegan Paul. *Government and Opposition* is edited from and assisted by the School, and is 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 recently the majority of the publications sponsored by the Publications Committee have been channelled through one selected publisher. However experience has shown that no one publisher now can handle the whole output, which has been increasing both in quantity and in the range of subjects covered. Thus for the time being the Committee's policy is to maintain connections with several academic publishers on a non-exclusive basis.

Books sponsored or initiated by the Publications Committee will normally be produced with a joint imprint of the School and the selected publisher. Any present or former member of the School's staff, or any present or former student, may submit manuscripts or ideas for books to the Publications Committee. Manuscripts may be on any subject within the range of the School's teaching and research activities. They are judged on their merits and not all those submitted are accepted for publication. Generally authors will sign a separate contract with the publisher, and can expect a scale of remuneration that should compare favourably with what they might get elsewhere. The exceptions will be books that are commercially 'difficult'; these may be published on a commission basis, 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. The publishers are given in brackets.

Monographs on Social Anthropology (Athlone Press)

Reprints of Scarce Works on Political Economy (*Economica* Office, L.S.E.)

Papers in Soviet and East European Law, Economics and Politics (Athlone Press)

Greater London Papers (Greater London Group, L.S.E. or (one title) Weidenfeld and Nicolson)

Publications of the School

Occasional Papers on Social Administration (G. Bell and Sons Ltd.)
Geographical Papers (Weidenfeld and Nicolson)
L.S.E. Research Monographs Series (Weidenfeld and Nicolson)
L.S.E. Outlines in Economic Analysis (Weidenfeld and Nicolson)
A London Bibliography of the Social Sciences (British Library of Political and Economic Science, L.S.E.)
Monthly List of Additions to the Library
Auguste Comte Memorial Lectures (Athlone Press)
Hobhouse Memorial Trust Lectures (Athlone Press)
Inaugural Lectures (G. Bell and Sons Ltd. and Weidenfeld and Nicolson)
Publications of the Higher Education Research Unit (Oliver and Boyd, 5 titles; Allen Lane the Penguin Press, 6 titles; the Elsevier Publishing Company, 2 titles to date)
L.S.E. Industrial Relations Series (Heinemann Educational Books Limited)

History of the Foundation of the School

The following book published for the School by G. Bell and Sons Ltd. should be noted: *The History of the Foundation of the London School of Economics and Political Science* by Sir Sydney Caine, 1963, £1.25.

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 medical care for all students of the School.

The Health Service provides facilities for general medical, psychiatric, gynaecological, ophthalmic and first aid treatment.

One full-time and two part-time psychiatrists are available to give advice, psychotherapy and counselling for emotional problems, whether of a personal nature or related to work difficulties.

A gynaecologist attends regularly in term time and 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 provide a first aid, minor ailment and immunisation service.

There is, in addition, a full-time dental service and dental care is 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.

Careers

Many careers are now open to university graduates in the social sciences and in arts. They can offer work of great interest and responsibility and the degrees offered by the School are of value in any occupation that calls for a trained intelligence and an understanding of the contemporary world. Our graduates have been able to seek employment from a wide range of occupations requiring people who are well educated, broadly informed and mature in outlook. Employers need and seek graduates who are well qualified academically; they also look for men and women with the ability to exercise judgment, to make decisions and to exhibit powers of leadership and control. 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. Many graduates today assume that they are superior to the non-graduate. This is an understandable attitude of mind, but graduates are entitled to this self-confidence only if they accept the need to justify it by subsequent performance.

The choice of career, then, is wide. Experience suggests that of those who take the B.Sc.(Econ.) degree a considerable number finds employment in industrial and commercial management, enters the teaching profession or goes on to undertake academic research. Others are widely spread in finance; in expert posts as economists, lawyers or statisticians in industry and commerce; in government service; in journalism and librarianship; and in advertising and market research. Broadly speaking, our graduates can realistically consider the following areas of employment: education, the civil service, local government, the social and health services, private and nationalised industries, commerce, H.M. services. In addition there are opportunities overseas and a limited number in various cultural organizations.

Many graduates enter the educational field, either as school teachers or as lecturers in establishments of further education. As from the end of 1973 it will be compulsory for all new graduates who wish to teach in state schools, to do a year of professional teacher training. A higher degree is usually necessary for the graduate who seeks a university post.

The civil service offers an immense variety of career opportunities for graduates, including specialist posts in economics, psychology, law and statistics. There are opportunities for research and investigation, primarily for economists, geographers, psychologists and social scientists. In addition, graduates are needed for the Tax Inspectorate, Factory Inspectorate and the Department of Employment. Following the recommendations of the Fulton Committee on the Civil Service, the Administrative, Executive and Clerical Classes of the Home Civil Service were merged from the beginning of 1971 into a single Administration Group, and there is now a new recruitment scheme whereby graduates are able to enter the Group either at the Administration Trainee or Executive Officer level of entry. Promotion to the higher posts in the Service is open to everyone, depending upon ability, but it

Careers

does not rest on the method or level of entry to the Service. Under the new regulations the minimum qualification for entry to the Diplomatic Service and the Administration Trainee grade is a degree with honours. Final-year students are eligible to apply.

Local government employs an increasing number of graduates. Normally they join a local authority as specialist administrators or become specialist practitioners in law, finance, librarianship, town planning or housing management and welfare. An appropriate professional qualification is needed for these expert categories of employment, some of which can be obtained through in-service training schemes.

The Bachelor's degrees in Sociology, the B.Sc. degree in Social Science and Administration, and the diploma in Social Administration awarded by the School are recognised initial qualifications for employment in some areas of social administration. They also provide the necessary basic qualification for *training* in social work for such fields as those of medical and psychiatric social work, child care, probation and family casework. Since maturity is an asset in all branches of social work, a degree course is recommended for those starting under the age of twenty-one. In most cases further specialised training lasting at least one year is necessary for these careers and students should, therefore, be prepared to undertake this. Details of diplomas offered by the School are given on pages 249-64.

Many firms in private industry, together with the nationalised industries, offer graduate traineeships and direct appointments for a wide range of jobs in production, marketing, finance, personnel and management services. Banks, insurance companies and retailing organizations all need graduates, as do the professions of accountancy and law. Economists may make use of their specialised knowledge in economic forecasting and intelligence, while there is a growing demand among stockbrokers for investment analysts. Limited openings for graduates in any subject may be found in advertising agencies, journalism and market research.

It is worthy of note that the increased use made of statistics and, in particular, the development of mathematical and computational techniques offer great scope to the man or woman of mathematical ability. Equally, for many of our best graduates a fourth year of study may well prove fruitful as a career preparation; the rapid progress made in the social sciences means that it can take more than three years of study and a Bachelor's degree to make an expert economist, sociologist or statistician.

Possession of a university degree may result in a considerable shortening of the period of professional training. Thus, possession of the LL.B. degree leads to important exemptions from the Bar and Law Society examinations. The period for articles of clerkship for those who wish to qualify as solicitors is reduced to two and a half years for graduates of an approved university. Again, those who wish to become chartered accountants and who have taken Accounting and Finance as their special subject in Part II of the B.Sc.(Econ.) degree normally have their period of articles reduced from five to three years. They are also given exemption from the professional Intermediate examination.

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

never too early to start thinking about a career and those who are in doubt should consult their tutors and the officers of the Careers Advisory Service. The University of London Careers Advisory Service maintains a permanent office in the School. Students may consult the careers advisers at any time during their courses, but are urged to start using the Service not later than their second year, though all students can seek advice at any time before entry and after graduation if they so desire.

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.

The Union runs a coffee bar, a bar and a shop. Its main focus for administration is its offices on the first floor of the St. Clement's building.

The Union employs a number of permanent staff who are responsible to Union Committees covering all aspects of Union affairs. The Union General Meeting, usually held fortnightly on Friday afternoons in the Old Theatre, is the central decision-making organ of the Union. Full details of Union meetings and elections and of the numerous Societies are 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 Legal Advice Centre run by the Law Society which provides free legal help upon request. There is a small Union Accommodation Bureau which has a list of vacant rooms and flats available for students. A comprehensive and up-to-date duplicated sheet of halls of residence and hostels can be obtained from the Union office as can information about cheap student travel.

The Union hopes to start a nursery for children between the ages of 2½ and 5. It will be open all the year round except when the School is closed and the facilities will be for students and academic and administrative staff of the School.

A large number of students at the L.S.E. come from abroad and the Union has a special sub-committee relating to the welfare of Overseas Students.

The Students' Union is a member of the National Union of Students and sends delegates to the biennial conference of the N.U.S. By reason of the Union's membership of the N.U.S. each student automatically is a member and membership cards can be obtained from the Union Office.

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 new students and also a newspaper *Beaver* which is published fortnightly during term time. In addition, the Union magazine, *Clare Market Review*, which was founded seventy years ago, is published twice a year. The editorial boards of all these publications are open to all students, whilst the editors are chosen by the Executive Committee of the Union and approved by a Union meeting.

Athletic Union

All students are eligible to join the Athletic Union by becoming a member of any of its constituent clubs. The subscription charged for membership of the first club joined is fifty pence, and for any other club, twenty-five pence.

The following clubs are affiliated to the Athletic Union:

Association Football, Athletics, Badminton, Basketball, Canoe, Cricket,

Students' Union and Athletic Union

Cross-Country, Gliding, Golf, Hockey (Women), Judo, Karate, Keep-fit, Mountaineering, Riding, Rowing, Rugby Football, Sailing, Skiing, Squash, Table Tennis, Tennis, Yoga.

Details about club activities may be obtained from the Athletic Union Office (S 110) or from the club noticeboards in the concourse area, St. Clements building.

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 (E29) 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 Golf Club plays at Malden Golf Club; the Gliding Club uses Lasham Aerodrome, Hants.; the Canoe Club has a block booking with the Royal Canoe Club at Teddington. The Mountaineering Club meets in England and on the Continent.

There is an annual open day at New Malden. In the current session this will be Saturday, 8 June.

Residential Accommodation

The School's accommodation situation has greatly improved in recent years. In addition to Passfield Hall, which accommodates both men and women students, and Carr Saunders Hall for men students, the School has two new blocks of flats offering double to quintuple furnished flatlets. Furthermore, a new hall of residence is at present under construction and is due to open in October 1974. It is therefore expected that as from 1974 first-year students will have a much better chance than formerly of obtaining a place in a hall of residence. Details of the School's accommodation are given below.

In addition, a student may apply to the various intercollegiate halls of the University of London. Details of these are also given below.

Students who wish to find lodgings in London can get help from the Accommodation Office of the University of London Union, 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. Anyone whose tastes are likely to lead to his 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.

The fees for halls of residence, stated on the following pages, are those which are in force at present, but they are liable to amendment.

School Halls of Residence

Carr-Saunders Hall

Fitzroy Street, W1P 5AE

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

Carr-Saunders Hall, a hall of residence for **men** students of the School, built with funds provided by an anonymous benefactor, is near Soho, a few minutes' walk from the junction of Tottenham Court Road and Euston Road and twenty-five minutes' walk from the School.

There is accommodation for about 150 students in single and double study-bedrooms. The fees are at present £246 and £219 per session respectively, payable by terminal instalments in advance and in addition there is a Common Room subscription (at present £1 per term).

Fees cover breakfast and dinner and all meals on Saturdays and Sundays. Wash-basins are provided in all study-bedrooms, which are centrally heated.

Application should be made to the Assistant Registrar (Admissions) at the School, if possible by 15 May, for admission in the following October.

Residential Accommodation

Passfield Hall

Endsleigh Place, WC1H 0PW

(Warden: G. F. D. Dawson, M.A., Ph.D.)

This hall of residence is provided by the School for **men** and **women** students of the School. It is in Bloomsbury, situated in the north-west corner of Tavistock Square, and is twenty minutes' walk from the School.

There is accommodation for about 170 students in single, double and treble study-bedrooms. The fees including Common Room subscription are at present at the rate of £231·60, £219 and £204·30 per session respectively, payable by terminal instalments in advance.

Fees cover breakfast and evening dinner, and all meals on Saturdays and Sundays. Washbasins and fires with slot meters are provided in each room.

Application should be made to the Assistant Registrar (Admissions) at the School, if possible by 15 May. Applicants are selected for places towards the end of June of each year for the following October.

Flats

Fitzroy Street and Maple Street Flats

2-16 Fitzroy Street, W1P 5AE

(Academic Resident: C. A. O'Muircheartaigh, B.A., M.Sc.)

These modern flats, near Carr-Saunders Hall have accommodation for 212 **men** and **women** student residents in double to quintuple furnished flatlets. Any full-time student of the School may apply except that in the case of married couples both must be currently registered students of the School.

Although there are no communal rooms in the block, the common room and bar facilities of Carr-Saunders Hall are available to residents by courtesy of the students of Carr-Saunders Hall, and the University Union is within five minutes' walking distance.

The rent is at present £4·70 per week per resident for a thirty-nine week period of letting, beginning in early October. This does not cover the cost of gas for cooking or electricity for heating and lighting; the residents of each flat are billed periodically for these expenditures. Use of the basement garage at the Fitzroy Street Flats is available to residents at an extra charge.

Applications on the prescribed application form, should be submitted to the Assistant Registrar (Admissions) at the School.

Anson Road and Carleton Road

(Academic Resident: D. K. C. Jones, B.Sc.)

The School has 19 flatlets at 83 and 83a Anson Road, N7 0AS, and 73 Carleton Road, Tufnell Park, N7 0ET, which are available for letting to married full-time students of graduate status. The flats are self-contained and consist of either one room or two rooms, plus a kitchen and a bathroom. Rents at present vary between

Residential Accommodation

approximately £6 and £9.25 per week, including a hire charge for furniture. Applications for flatlets, for which there is generally a waiting list, should be made to the Assistant Bursar of the School.

New Hall of Residence

The construction has begun of a new hall of residence which will accommodate 194 **men** and **women**. It is expected to be ready for occupation in October 1974. When the hall becomes available, some twenty-five per cent of the full-time student population of the School will be able to be accommodated in premises belonging to the School.

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 March 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. Fees for the thirty-week session: £258·30 (single room with own bathroom), £247·80 (single room) and £237·30 (double room). 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, games room, studio and laundries. Fees for the thirty-week session: £237·30-£247·80. Fees cover full board (except lunch from Monday to Friday).

Nutford House

Brown Street, off George Street, W1H 6AH

Opened in 1949 for 124 **women** students and since extended to take 194; accommodation is in 148 single rooms and 23 double rooms, most of them with central

Residential Accommodation

heating; there are common rooms and laundries, a library and games room. Fees for the thirty-week session: £237 (single) and £228 (for share of double). Fees cover breakfast and dinner, Monday to Friday, and full board at weekends.

William Goodenough House

(The Dominion Students' Hall Trust)
Mecklenburgh Square, WC1N 2AN

William Goodenough House accommodates 116 postgraduate **women** students from the British Commonwealth and the United States of America.

Residence fees are from £5.25 to £6.65 per week, with all meals available on a cafeteria system. The rooms are single study-bedrooms with central heating and with electric fires on a meter system. There are ample common rooms. In addition there are 60 self-contained flats for married students, for which the rentals are between £35 and £64 per month.

Applications, addressed to the Controller, should be made well in advance for the single rooms, but not more than six months before arrival in the U.K. for the flats.

Commonwealth Hall

Cartwright Gardens, WC1H 9EB

An intercollegiate hall of residence for 400 **men** from the United Kingdom and overseas. Accommodation almost entirely in single study-bedrooms. Squash courts, table-tennis room, billiards room, library, common rooms, television rooms, drip-dry laundry 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 £256.20 (single room) and £241.20 (double room) per session of about thirty weeks. This includes 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**; 194 places, mainly in single rooms. The fee for the study-bedrooms, including breakfast and dinner, and also lunch at weekends, is £261 (single room) per session of thirty weeks.

Application forms may be obtained from the Warden, Professor D. M. Lang, and should be returned to him before 31 May.

International Hall

Brunswick Square, 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.

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Fees: £246 (single room) and £230.70 (for share of double room) per session of thirty weeks. This includes breakfast and dinner from Mondays to Fridays inclusive, and breakfast, lunch and supper on Saturdays and Sundays.

Application forms may be obtained from the Hall Secretary and should be returned by 31 May.

London House

Mecklenburgh Square, WC1N 2AB

London House has accommodation for 330 postgraduate **men** students from the overseas countries of the Commonwealth, the United Kingdom, former member countries of the British Commonwealth and the United States of America. It was established by the Dominion Students' Hall Trust.

Fees for residence (excluding meals) vary between £6.30 and £7 per week, but there are a few shared rooms at cheaper rates. All meals are available in the dining hall (cafeteria system).

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 Controller, London House, giving as much notice as possible.

Hughes Parry Hall

Cartwright Gardens, WC1H 9EF

Hughes Parry Hall, opened in 1969, provides accommodation for 175 **men** and 100 **women** students. There are 245 single rooms and 15 double rooms, together with common rooms, library, games room, two squash courts and laundry.

Fees for the thirty-week session: £258.30 (single room), £247.80 (shared room). 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 organized; 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: (for long-term residents) £7, £5.95 and £4.90 per week for single, double and treble rooms respectively. This includes bed and breakfast.

Early application is advised. Forms may be obtained from the Warden.

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 at Afsil House, 155 Saffron Hill, EC1N 8QL, about ten minutes' walk from the School. Eight 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, which include central heating and the hire of furniture, are about £36 a month plus rates. Applications for the flats should be made to the Assistant Bursar of the School.

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. The monthly rate for a single room is £30; a single bed in a shared double room, £18. There are also double rooms for married couples at £36 in addition to rooms with light cooking facilities or kitchens at £41.40 or £57. A few two-room flats at £67.80 are also available.

Application forms are obtainable from the Warden.

The London School of Economics Society

HONORARY OFFICERS AND COMMITTEE, 1973

President: Mrs. Judith Hart

Deputy President: R. J. Hacon

Life Vice-President: Dr. Vera Anstey

Representatives of the London School of Economics Society on the Court of Governors: G. C. Brunton, W. H. B. Carey, R. J. Hacon

Secretary: Miss Maureen Coman

Entertainments Secretary: Mrs. Eva Morris

Treasurer: J. B. Selier

Editors of L.S.E.: P. D. C. Davis, Mrs. Nell McGregor

Editorial Consultant: D. J. Kingsley

Auditor: J. W. Smith

Committee Members: The Officers, Editors of *L.S.E.* and Mrs. Barbara Asherson, Mrs. Elizabeth K. Collard, T. E. Dale, N. B. Harte, Mrs. Kim Knudsen, Mrs. Blanche H. M. Lucas, S. R. G. N. Ngubo, Mrs. Kit F. Russell, Mrs. Audrey J. Stern, R. M. Stone.

Membership of the London School of Economics Society is open to past students of the School, day and evening, who have been full members of the Students' Union for at least one session, if so admitted by the Committee. Members of the School's staff who were not students at the School are eligible for membership. Persons not so qualified can be admitted to membership at the discretion of the Committee.

Members of the Society are granted various privileges in regard to the use of the School facilities. Subject to certain restrictions, they are entitled to free permits to use the School Library during vacations and in some cases during term. The magazine *L.S.E.*, published twice yearly, is sent to members free of charge, and there are occasional social events, including discussion meetings on subjects of general interest to members, a Saturday School on Social Science and an annual dinner.

The life subscription is £8 and the annual subscription £2. Application forms and information relating to the Society can be obtained from the Honorary Secretary at the School.

Friends of the London School of Economics

Trustees:

Chairman: _____

Vice-Chairman: Sir Paul Chambers

Treasurer: W. H. B. Carey

Sir Sydney Caine, L. Farrer-Brown, the Director, the Chairman of the Senior Common Room

Secretary: J. Alcock

In July 1957 an Association of Friends of the London School of Economics was formed. Membership is open to all former students of the School, present and past members of the staff, present and past Governors and any other persons or organizations interested in the welfare of the School. The principal object of the Association is to raise funds to provide for the School amenities which are important to its daily life, but which it cannot afford, either because of shortage of money or because it would not be appropriate to expend public funds on their acquisition. Since its foundation the Association has made many gifts to the School, some valuable in themselves, such as the three Persian carpets provided for the Founders' Room and furniture for the common rooms at Carr-Saunders Hall and Passfield Hall, and others whose usefulness is far in excess of their cost, such as the furniture for the roof gardens. Donations and gifts in kind of such items as pictures, plate, glass and silver are welcomed.

The Secretary will gladly send particulars of the Association on application. The annual subscription is £2.10 or £1.05 if paid under a seven-year deed of covenant. New members are urgently needed.

Part III : Lecture Courses, Classes and Seminars

Part III of the Calendar groups courses according to subject, but regular students should understand that, beyond those which are restricted to certain students, they are at liberty to attend any course of lectures.

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 173 to 294 where the course numbers of the relevant lectures, classes and seminars are shown against each subject.

The following abbreviations are used:

| | |
|-------------------|--|
| c.u. | course unit |
| B.Sc. S.S. and A. | B.Sc. in Social Science and Administration |

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

Part III: Lecture Courses, Classes and Seminars

Part III of the Calendar groups courses according to subject, but regular students should understand that, except from what are restricted to certain students, they are at liberty to attend any course of lectures.

The notes for courses in this list show the topics and their relative order. It is intended that they give a general indication of the level.

Students following degree or diploma courses of the University of London or the School are referred to the degree and diploma regulations and not to courses I, II or III, where the course numbers of the relevant lectures, classes and seminars are shown against each subject.

The following abbreviations are used: (a) the name of the course and its level; (b) the name of the lecturer.

(c) the name of the class or seminar.

(d) the name of the class or seminar.

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(u) the name of the class or seminar.

General Introductory Course

1 The Social Sciences: an Historical Introduction

Professor MacRae. Fourteen lectures, Michaelmas and Lent Terms

Recommended for all first-year students.

Economics

General Introductory Course

The Social Sciences: an Historical Introduction

Professor Max Planck, Bonn, Germany, 1918-1920

1918-1920

Recommended for all first-year students

Science

1. The History of Economic Thought and Development of Economic Analysis

1.1 THE HISTORY OF ECONOMIC THOUGHT

Economics

1.2 THE HISTORY OF ECONOMIC THOUGHT

1.2.1 THE HISTORY OF ECONOMIC THOUGHT

1.2.2 THE HISTORY OF ECONOMIC THOUGHT

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1.2.30 THE HISTORY OF ECONOMIC THOUGHT

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327 I Undergraduate Courses

- 327 Introductory Economics
- 328 Economics for Specialists
- 329 History of Economic Thought and Development of Economic Analysis
- 330 Mathematical Economics and Econometrics
- 331 Industry and Trade
- 332 Labour Economics
- 332 Public Finance
- 333 Monetary Economics
- 335 International Trade and Economic Development
- 336 Comparative Economics
- 336 Transport Economics

336 II Graduate Courses

336 A. M.Sc. in Economics

- 336 Economic Theory and Methods of Economic Investigation
- 339 Advanced Economic Theory
- 340 History of Economic Thought
- 340 The Pure Theory of International Trade and Commercial Policy
- 340 International Monetary Economics
- 341 Theory of Optimal Decisions
- 341 Labour Economics
- 342 Monetary Economics
- 342 Economics of Public Enterprise
- 342 Economics of Transport
- 343 Public Finance
- 344 Economics of Industry
- 344 Economics of Less Developed Countries and of their Development
- 345 Agricultural Economics
- 346 Economic Aspects of Accounting
- 346 Soviet Economic Structure
- 346 Theory and Implementation of Detailed Planning
- 347 Economics of Education and Human Capital
- 348 Urban Economics
- 349 Marx's Economics in the Light of Contemporary Economic Analysis

349 B. M.Sc. in Econometrics and Mathematical Economics

351 C. M.Sc. in Regional and Urban Planning Studies

352 D. M.Sc. in European Studies

352 III Other Graduate Courses

353 IV Additional Courses for Undergraduates and Graduates

Economics

I Undergraduate Courses

INTRODUCTORY ECONOMICS

20 Economics A

Mr Klappholz and Dr Richardson. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Geog., Soc. Anth. 2nd yr. Soc., Soc. Psych.; B.Sc. S.S. and A. 1st yr.; Dip. Soc. Admin. (one-yr. incl. Overseas Option and first-yr.); Dip. Soc. Plan.; Dip. Personnel Management.

Syllabus Economics as a social science. Are there alternative approaches to economics? Analysis and prescription. Division of labour and the resulting need for co-ordinating mechanisms. Alternative co-ordinating mechanisms and their appraisal in the light of certain policy aims. Effects of decentralised decisions on the distribution and allocation of resources. Reasons for and consequences of collective decisions. Policy aims with respect to output levels, rates of growth and the price level. Problems in achieving these aims. Problems of international transactions.

Recommended reading will be given at the beginning of the course.

20(a) Classes

Sessional.

21 Economics B

Dr Desai. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; M.Sc. preliminary and final yrs.

Syllabus Economics will be approached as an empirical science. Different analytical approaches to economic problems would be put in a common perspective. The notion of an economic system will be emphasised.

Recommended reading will be given at the beginning of the course.

21(a) Classes

Sessional.

22 Quantitative Methods for Economists: Mathematical Methods

Mr M. A. M. Smith. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; M.Sc. preliminary yr.

Syllabus Simple curves and functions; differentiation including differentiation of functions of several variables; maximisation including maximisation subject to constraints; simple difference equations. Economic applications.

Recommended reading R. Morley, *Mathematics for Modern Economics*; G. C. Archibald and R. G. Lipsey, *A Mathematical Treatment of Economics*. Detailed reading will be given at the beginning of the course.

Students should also attend Course 916 Elements of Statistical Methods.

22(a) Classes

23 Introduction to Mathematical Economics

Mr Nickell. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main field Maths. 1st yr., Stats. 1st yr., Comp. 1st yr.; M.Sc. preliminary yr.

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*.

Economics

23(a) Classes

24 The Economics of the Labour Market

Dr Metcalf. Ten lectures, Michaelmas Term.

For Dip. Personnel Management. Optional for Dip. Soc. Admin. 2nd yr. and one-yr.

Syllabus The quantity of labour supplied: hours, activity rates. The quality of labour supplied: training, education, information, migration. The demand for labour. The wage structure by industry, occupation, sex ("equal pay"). The impact of trade unions. Unemployment. Selected policy issues e.g. incomes policy, strikes, wage inflation, income distribution, low pay.

Detailed reading will be given at the beginning of the course.

24(a) Classes

Five classes, Lent Term.

For Diploma in Personnel Management.

25 General Economics

Professor Sen. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Geog. 2nd or 3rd yr.; Dip. Personnel Management.

Syllabus This is a course of general economics for students with some training in elementary economics. It will concentrate on topics of a general nature, in particular the working of alternative economic systems, including a study of modern capitalism, the operation of the price mechanism, the use of national income and cost-benefit analysis, and some problems of economic growth and international trade.

25(a) Classes

Twenty classes, Sessional.

An outline of the lecture course, class topics and a reading list will be distributed at the beginning of the course.

ECONOMICS FOR SPECIALISTS

26 Economic Principles

(i) Micro-Economic Theory

Mr Gould. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Recommended reading Main texts: C. E. Ferguson, *Microeconomic Theory* or J. Hadar, *The Elementary Theory of Economic Behaviour* or K. J. Cohen and R. M. Cyert, *The Theory of the Firm*. Detailed reading will be given at the beginning of the course.

(i)(a) Classes

Michaelmas and Lent Terms.

(ii) Macro-Economic Theory

Dr Perlman. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Recommended reading T. F. Dernburg and D. M. McDougall, *Macro-Economics*; M. G. Mueller (Ed.), *Readings in Macroeconomics*.

(ii)(a) Classes

Michaelmas and Lent Terms.

27 Problems of Applied Economics

This course will not be given in 1973-74.

For B.Sc. (Econ.) Part II.

(i) Applied Micro-Economics

Useful preliminary reading: E. J. Mishan, *Elements of Cost-Benefit Analysis*. Further reading will be given at the beginning of the course.

(i)(a) Classes

(ii) Applied Macro-Economics

Recommended reading J. C. R. Dow, *The Management of the British Economy, 1945-60*; R. E. Caves (Ed.), *Britain's Economic Prospects*; S. Brittan, *Steering*

Economics

the Economy. Many of the books in the Penguin Modern Economics series are also recommended. Detailed reading will be given at the beginning of the course.

(ii)(a) Classes

28 Introduction to a Mathematical Treatment and Statistical Testing of Economics

This course will not be given in 1973-74.

Optional for B.Sc. (Econ.) Part II.

Description of course No knowledge of mathematics beyond "O" level will be assumed. The first term of the course is intended to be mainly for those who have taken no other mathematics courses, to help them understand the mathematical formulations used in economic theory. It will include functions and curves, introduction to calculus and their application to economics. The second part of the course is an elementary treatment of statistical testing of economic theory.

Recommended reading R. G. D. Allen, *Mathematical Analysis for Economists*; J. Parry Lewis, *An Introduction to Mathematics for Students of Economics*; S. G. B. Henry, *Elementary Mathematical Economics*; G. C. Archibald and R. G. Lipsey, *An Introduction to a Mathematical Treatment of Economics*; P. Hoel, *Elementary Statistics*; A. A. Walters, *An Introduction to Econometrics*; L. R. Klein, *An Introduction to Econometrics*; D. Huff, *How to Lie with Statistics*.

28(a) Classes

Classes will be held if there is sufficient demand.

HISTORY OF ECONOMIC THOUGHT AND DEVELOPMENT OF ECONOMIC ANALYSIS

29 The History of Economic Thought

Lord Robbins and Dr Devletoglou. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Syllabus The history of economic thought

from Aristotle to the present day. Special attention will be paid to the period since 1776, including the monetary controversies of this period.

Recommended reading The set books by Ricardo and Marshall; M. Blaug, *Economic Theory in Retrospect*. Also: A. Monroe, *Early Economic Thought*; J. R. McCulloch (Ed.), *Early English Tracts on Commerce and Tracts on Money*; O. H. Taylor, *A History of Economic Thought*; J. A. Schumpeter, *History of Economic Analysis*; H. W. Spiegel (Ed.), *The Development of Economic Thought*; G. S. L. Tucker, *Progress and Profits in British Economic Thought, 1650-1850*; E. Cannan, *A Review of Economic Theory*; E. A. Johnson, *Predecessors of Adam Smith*; N. E. Devletoglou, "Montesquieu and the Wealth of Nations" (*The Canadian Journal of Economics and Political Science*, February 1963); "The Economic Philosophy of Montesquieu" (*Kyklos*, Vol. XXII, Fasc. 3, 1969); W. Letwin, *The Origins of Scientific Economics*; D. W. Vickers, *Studies in the Theory of Money, 1690-1776*; R. W. Meek, *The Economics of Physiocracy*; J. Higgs, *The Physiocrats*; J. M. Clark and others, *Adam Smith, 1776-1926*; J. H. Hollander, *David Ricardo*; M. Blaug, *Ricardian Economics*; M. Bowley, *Nassau Senior and Classical Economics*; A. Gray, *The Socialist Movement*; G. J. Stigler, *Production and Distribution Theories*; J. Viner, *Studies in the Theory of International Trade*; F. W. Fetter, *Development of British Monetary Orthodoxy, 1797-1875*; L. C. Robbins, *The Theory of Economic Policy in English Classical Political Economy*; Robert Torrens and the Evolution of Classical Economics; *The Theory of Economic Development in the History of Economic Thought*; 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.

29(a) Classes

Twenty classes, Michaelmas and Lent Terms.

Economics

30 The Development of Economic Analysis

For B.Sc. (Econ.) Part II.

(i) Micro-Economics

Professor Myint. Ten lectures, Michaelmas Term.

(ii) Macro-Economics

Dr Perlman. Ten lectures, Lent Term.

Recommended reading G. Ackley, *Macro-Economic Theory*; W. J. Baumol, *Economic Theory and Operations Analysis* (2nd edn.); M. Blaug, *Economic Theory in Retrospect*; W. Breit and H. M. Hochman (Eds.), *Readings in Micro-Economics*; J. R. Hicks, *Value and Capital* (2nd edn.); H. G. Johnson, *The Two-Sector Model of General Equilibrium*; D. R. Kamerschen (Ed.), *Readings in Micro-Economics*; J. M. Keynes, *General Theory of Employment, Interest and Money*; A. Marshall, *Principles of Economics*; A. Leijonhufvud, *Keynesian Economics and the Economics of Keynes*; M. G. Mueller (Ed.), *Readings in Macroeconomics*.

30(a) Classes

Twenty classes, Michaelmas and Lent Terms.

MATHEMATICAL ECONOMICS AND ECONOMETRICS

31 Principles of Economics Treated Mathematically

Mr Glaister and Mr Shorrocks. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II; Dip. Stats.

Syllabus Economic principles using elementary mathematical methods where appropriate. Consumer and producer theory, price determination, welfare economics. Pure and applied macro-economics.

Recommended reading J. M. Henderson and R. E. Quandt, *Microeconomic Theory* 2nd edn.; Dorfman, Samuelson and Solow, *Linear Programming and Economic Analysis*; D. C. Rowan, *Output, Inflation and Growth*; R. D. G. Allen, *Macro-Economic Theory*.

31(a) Classes

32 Topics in Mathematical Economics

Professor Morishima. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Syllabus A simple growth theory; input-output analysis; fiscal policy; applications.

Recommended reading M. Morishima, *The Working of Econometric Models*.

32(a) Classes

33 Econometric Methods (Econometrics)

Mr Thomas. Sessional.

For B.Sc. (Econ.) Part II; Dip. Stats.

(Note It will be assumed that the students attending this course either have taken Elementary Statistical Theory at Part I or are taking Elements of Statistical Theory and Methods at Part II.)

Syllabus Introduction to methods of statistical estimation and testing of economic theories. Special problems of statistical inference arising from simultaneous relations, distributed time lags and autocorrelated disturbances. A study of recent applied econometric work.

Recommended reading A. A. Walters, *An Introduction to Econometrics*; J. Kmenta, *Elements of Econometrics*; J. Johnston, *Econometric Methods* (2nd edn.).

33(a) Classes

Twenty-five classes.

Economics

34(i) Econometrics II

Dr Hendry and Dr Desai. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc. preliminary yr.

34(i)(a) Classes

Ten Classes.

34(ii) Applied Econometrics

Dr Hendry and Dr Desai. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc. preliminary yr.

Syllabus Introduction to data problems in econometrics. Index numbers. Social accounting and input-output analysis. Some recent applied econometric work. Computer applications.

Recommended reading will be given at the beginning of the course.

34(ii)(a) Classes

Twenty classes.

35 Mathematical Economics I

(i) Dr Dasgupta, Professor Morishima, Mr Nickell. Thirty-eight lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. 2nd yr.; M.Sc. preliminary yr.

Syllabus Micro-economic principles; the theory of imperfect competition; macro-economic principles.

35(a) Classes

36(i) Mathematical Economics II

Mr Nickell. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. 2nd yr.; M.Sc. preliminary yr.

Syllabus Applied macro-economics.

36(i)(a) Classes

36 (ii) Mathematical Economics II: Special Topics

Dr Dasgupta. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths 3rd yr.; M.Sc. preliminary yr.

Syllabus Applied micro-economics.

36(ii)(a) Classes

36(iii) Seminar in Quantitative Economics

Professor Gorman and Dr Hendry. Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. 3rd yr.; M.Sc. preliminary yr.

INDUSTRY AND TRADE

37 Economics of Industry

Professor Yamey.

(i) Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II 2nd yr.

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.

A detailed reading list will be given at the beginning of the course.

(ii) Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.

37(a) Classes

38 Business Administration

Mr Foldes and Mr Gould.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc. preliminary yr.

Economics

Syllabus A selection from the following topics:

(a) Theory of decisions: the structure of decision problems. Linear problems. Probability, utility, uncertainty, dynamic planning, trees. Criteria for investment. Stock control. Layout and scheduling problems. Location. Special pricing systems. Hire or buy.

(b) Theory of organizations: Conflict and co-operation. Theory of games. Theory of teams. The aims of capitalists, managers and workers. The aims of organizations. Division of labour, delegation, authority and communication. Review of particular administrative techniques, including administration charts, standard systems of organization, budgets, accounts, internal pricing systems. Predictive models of administrative action. New theories of the firm.

(c) Organization of public enterprise in the U.K.

Recommended reading General:

H. A. Simon, *The New Science of Management Decision*; A. Rappoport, *Games, Fights and Debates*, Part II; A. Etzioni, *Modern Organizations* or P. Blau and J. D. Scott, *Formal Organizations*; R. M. Cyert and J. G. March, *A Behavioral Theory of the Firm*.

Main texts: W. Baumol, *Economic Theory and Operations Analysis* (2nd edn., chaps. 1-6, 11-13, 22-25); M. Alexis and C. Z. Wilson (Eds.), *Organizational Decision Making* (relevant parts); H. Raiffa, *Decision Analysis*; *Nationalised Industries: Review of Economic and Financial Objectives* (Cmnd 3437, 1967).

38(a) Classes

LABOUR ECONOMICS

39 Labour Economics

Dr Metcalf, Dr Richardson and Dr Lightman.

(i) Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

(ii) Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II 2nd yr.

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 adjustment, incomes policy 7 Income distribution 8 Policy questions e.g. strikes, efficiency in industrial relations, low pay minimum wage legislation.

Recommended reading B. Fleisher, *Labor Economics*.

Further reading will be given at the beginning of the course.

39(a) Classes

PUBLIC FINANCE

40 The Economics of Public Finance

Professor Prest.

This course will not be given in 1973-74.

For B.Sc. (Econ.) Part II.

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, *Public Finance in Theory and Practice* (4th edn.); A. Williams, *Public Finance and Budgetary Systems*; J. F. Due, *Government Finance* (latest edn.); R. A. Musgrave, *Fiscal Systems*.

Economics

40(a) Classes

40(b) Classes

Revision classes. Lent Term.

41 Economic Aspects of British Social Services

Mr Layard and Dr Barr.

Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 2nd yr.; Optional for Dip. Soc. Admin (2nd yr. and one-yr.).

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, National Insurance, and non-contributory income support schemes.

Selected reading 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; *Proposals for a Tax Credit System*, Cmnd. 5116, 1972; A. R. Prest, "Some Re-distributional Aspects of the National Superannuation Fund", *Three Banks Review*, June 1970.

MONETARY ECONOMICS

42 Money - An Introduction

Professor Walters. Ten lectures, Lent Term.

This course will not be given in 1973-74.

For B.Sc. (Econ.) Part II.

Description of course The basic characteristics of money. The quantity theory and portfolio adjustment. Empirical evidence.

Recommended reading M. Friedman, "Money" (*Encyclopaedia of Social Sciences*, 1968); A. A. Walters, *Money in Boom and Slump* (*Hobart Paper* 44, I.E.A., 3rd edn., 1971); C. Goodhart, *British Monetary Policy 1957-1967*; W. T. Newlyn, *The Theory of Money*; D. Wrightsman, *An Introduction to Monetary Theory and Policy*.

43 Monetary Theory

Mr Miller. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Recommended reading D. Laidler, *The Demand for Money*; A. Bain, *The Control of the Money Supply*; M. Friedman, "The Quantity Theory of Money: A Restatement" in *Studies in the Quantity Theory of Money*; J. Tobin, "Liquidity Preference as Behaviour Towards Risk" (*Review of Economic Studies*, 1958).

43(a) Classes

Ten classes, Michaelmas and Lent Terms.

44 The British Monetary System

Mr Alford. Twenty lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II.

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. The role of money in the U.K.

Recommended reading *Report of the U.K. Committee on the Working of the Monetary System* (Radcliffe Report) (Cmnd 827, 1959); R. S. Sayers, *Modern Banking*, 7th edn.; J. C. R. Dow, *The Management of the British Economy 1945-60*, chaps. 9 and 12; N. G. Gibson, *Financial Intermediaries and Monetary Policy* (*Hobart Paper* 39); A. D. Bain, *The Control of the Money Supply*; H. G. Johnson (Ed.),

Economics

Readings in British Monetary Economics;
For recent developments see *Bank of England Quarterly Bulletin*, *Midland Bank Review*, *The Banker* and *The Bankers' Magazine*.

45 U.S. and Other Monetary Systems

Mr Griffiths. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II.

Recommended reading U.S. Board of Governors of the F.R.S., *Federal Reserve System: Purposes and Functions*; M. Friedman and A. J. Schwartz, *Monetary History of the United States*, chaps. 8-12; J. S. G. Wilson, *Monetary Policy and the Development of Money Markets*, chaps. 7 and 8; Clay J. Anderson, *A Half-Century of Federal Reserve Policy-Making, 1914-1964*; *Federal Reserve Bulletin*; *Monthly Review* of the F.R.B. of New York.

46(i) International Monetary Economics

Professor Day. Michaelmas Term.

For B.Sc. (Econ.) Part II.

Description of course The earlier part of this course will deal with international monetary theory, the later part with history and institutions.

Recommended reading L. B. Yeager, *International Monetary Relations*; J. E. Meade, *Balance of Payments*; H. G. Johnson, *International Trade and Economic Growth* (esp. chaps. 4 and 6); 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*.

46(ii) International Monetary Economics (Seminar)

Professor Day. Lent Term.

For B.Sc. (Econ.) Part II.

47 Seminar in Monetary Economics

Mr Alford. Ten seminars, Lent Term.

For B.Sc. (Econ.) Part II.

Recommended reading will be given during the course.

48 Applied Economics

For B.Sc. (Econ.) Part II.

(i) The Balance of Payments

Mr Miller. Twelve meetings, Michaelmas and Lent Terms.

Syllabus U.K. balance of payments policy from about 1960. 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.

(ii) Macro-Economic Management

Mr Alford. Twelve meetings, Lent and Summer Terms, beginning third week in the Lent 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.

(iii) Economics of Social Services

Three meetings following Course 41 Economic Aspects of British Social Services.

Economics

(iv) Competition, Monopoly and Public Enterprise

Professor Yamey and Mr Foster.

Twelve meetings, Lent and Summer Terms beginning fourth week in the Lent Term.

Syllabus Monopoly and competition in the United Kingdom. The development and problems of public policy towards monopoly and restrictive practices. Public enterprise and its problems; its objectives and performance. Reading for each section will be distributed during the course.

INTERNATIONAL TRADE AND ECONOMIC DEVELOPMENT

49 International Economics

For B.Sc. (Econ.) Part II.

(i) International Economics

Mr M. A. M. Smith and Dr Knight. Twenty lectures, Michaelmas and Lent Terms.

Description of course The course will cover the theory of comparative cost, tariff theory, customs unions, the benefits and costs of foreign investment and growth. 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 equilibrium, and problems of the international monetary system.

Selected reading R. E. Caves and H. G. Johnson (Eds.), *Readings in International Economics*; J. Bhagwati (Ed.), *International Trade*; R. N. Cooper (Ed.), *International Finance*.

Recommended reading will be given at the beginning of the course.

(ii) Agricultural and Primary Product Trade

Dr Josling. Five lectures, Lent Term.

Syllabus Importance of primary trade to

developing countries; problems of instability; international agreements; trade and aid; developed country attitudes and policies.

Suggested reading A. MacBean, *Export Instability and Economic Development*. Further reading will be given during the course.

49(a) Classes

Twenty classes, Michaelmas and Lent Terms.

50 Economic Development

(i) Introduction to Development Economics

Professor Myint. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; Dip. Soc. Plan; M.Sc. final yr.

(ii) Agriculture and Development

Dr Josling. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II.

Syllabus Characteristics of the agricultural sector in developing countries; contribution to development; capital accumulation; labour transfer, export earnings, import substitution; land tenure problems.

Suggested reading J. Mellor, *The Economics of Agricultural Development*. Further reading will be given during the course.

(iii) Problems of Development of the Non-Agricultural Sector

Mr Layard. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II.

Syllabus Public expenditure and revenue; choice of techniques; urban labour market; education and population.

Recommended reading for (i)-(iii) P.T. Bauer, *Dissent on Development*; P. T. Bauer and B. S. Yamey, *The Economics of Underdeveloped Countries*; Y. Hayami and V. W. Ruttan, *Agricultural Development and International Perspective*; U. K.

Economics

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. T. Morgan and G. W. Betz, *Economic Development Readings in Theory and Practice*; H. Myint, *The Economics of the Developing Countries*; H. Myint, *Economic Theory and the Underdeveloped Countries*; A. R. Prest, *Public Finance in Underdeveloped Countries* (2nd edn.); I. Little, T. Scitovsky and M. Scott, *Industry and Trade in Some Developing Countries*; 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*; T. W. Schultz, *Transforming Traditional Agriculture*.

50(a) Classes

Ten classes, Michaelmas Term.

50(b) Economic Development Seminar

Professor Myint. Ten seminars, Lent Term.

COMPARATIVE ECONOMICS

51 Economic Institutions Compared

Professor Wiles and Mr Markowski. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Description of course Capitalism, classical Communism, Yugoslavia, the Kibbutz, the peasant.

Recommended reading G. Grossman, *Economic Systems*; A. Sturmhthal, *Workers' Councils*; A. Nove, *The Soviet Economy*.

Further reading will be given during the course.

51(a) Classes

TRANSPORT ECONOMICS

52 Economics of Transport

Mr Foster, Dr K. R. Sealy and Professor Walters. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc.

Description of course An introduction to the economics of roads, railways, cities, aviation and shipping.

Recommended reading K. M. Gwilliam, *Transport and Public Policy*; D. L. Munby, *Readings in the Economics of Transport*; A. A. Walters, *Economics of Road User Charges*, 1971, chaps. 1, 2, 3, 5, 6.

52(a) Classes

II Graduate Courses

(A) M.Sc. in Economics

ECONOMIC THEORY I AND II AND METHODS OF ECONOMIC INVESTIGATION

53 Preliminary-Year Mathematics for Economists

Mr Glaister. Sessional.

For M.Sc. preliminary yr.

Description of course The course will cover the elements of linear algebra including the theory of matrices, determinants and the solution of linear systems, differential calculus, the theory of optimisation, an introduction to comparative statics, and dynamics.

Recommended reading G. Hadley, *Linear Algebra*; A. C. Chiang, *Fundamental Methods of Mathematical Economics*; T. Yamane, *Mathematics for Economists*, S. Glaister, *Mathematical Methods for Economists*.

53(a) Classes

Sessional.

Economics

54 Preliminary-Year Statistics for Economists

Dr Wymer. Sessional.

For M.Sc. preliminary yr.

Description of course Section I: Introduction, probability theory, frequency distributions. The binomial and normal distributions. Sampling theory. Estimation and hypothesis testing. Section II: Correlation analysis. Simple linear regression. Multiple regression analysis. Time-series problems.

Recommended reading P. G. Hoel, *Elementary Statistics*; J. E. Freund and F. J. Williams, *Modern Business Statistics*; T. H. and R. J. Wonnacott, *Introductory Statistics*; J. Johnston, *Econometric Methods*.

54(a) Classes

Sessional.

55 Preliminary-Year Micro-Economics

Dr Perlman. Twenty lectures, 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 W. J. Baumol, *Economic Theory and Operations Analysis* (2nd edn.), are good general texts.

55(a) Classes

Eighteen classes, Sessional.

56 Preliminary-Year Macro-Economics

Mr Jackman. Twenty lectures, 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., part 1 and parts 6-10). The main content of the course is to be found in T. F. Dernburg and D. M. McDougall, *Macro-Economics*, and W. H. Branson, *Macroeconomic Theory and Policy*.

56(a) Classes

Eighteen classes, Sessional.

57 Final-Year Mathematics for Economists.

Dr Kuska.

(i) Twenty lectures, September, 1973.

(ii) Ten revision lectures, Lent Term.

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 Essential preliminary reading: a treatment of the differential calculus of one variable. Suitable expositions may be found in one of the following: T. Yamane, *Mathematics for Economists*, chaps. 1, 2 and 3 or A. Kooros, *Elements of Mathematical Economics*, chaps. 1-5 or R. G. D. Allen, *Mathematical Analysis for Economists*, chaps. 1-10. Course reading: T. Yamane, *op. cit.*, chaps. 4, 5, 10, 11 and section 12.4 of chap. 12 or A. Kooros, *op. cit.*, chaps. 6, 7, 11 and 12 or R. G. D. Allen, *op. cit.*, chaps. 11-14 and 17-19; C. F. Christ, *Econometric Models and Methods*, chap. 3.

57(a) Classes

Ten classes, September, 1973.

58 Final-Year Statistics for Economists

(i) Twenty lectures, September, 1973.

(ii) Ten revision lectures, Lent Term.

For M.Sc. final yr.

Description of course Section I: Introduction, probability theory, frequency distributions. The binomial and normal distributions. Sampling theory. Estimation and hypothesis testing. Section II: Correlation analysis. Simple linear regression. Multiple regression analysis. Time-series problems.

Reading For Section I: J. E. Freund and F. J. Williams, *Modern Business Statistics* or P. G. Hoel, *Elementary Statistics*; T. H. and R. J. Wonnacott, *Introductory Statistics*.

58(a) Classes

Ten classes, September, 1973.

59 Final-Year Micro-Economics

Professor Walters and Mr Layard. Twenty, two-hour lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course 1 General equilibrium models: two-sector models and their properties. 2 Demand and supply curves – derivation, use and interpretation and empirical evidence. Derived demands and elasticity laws, measurements of the value of exchange. 3 Utility and household behaviour – properties of utility functions and intertemporal problems. Risk and utility. The permanent income hypothesis. 4 Production, technology and costs – feasible sets, the efficient frontier and the production function. Technical progress. Monopoly, oligopoly and imperfect competition. 5 Distribution and allocation – marginal productivity and the theory of wages. Monopsony. Labour supply. Theory of capital and interest.

Selected reading M. Friedman, *Price Theory – A Provisional Text*; J. R. Hicks, *Value and Capital*; G. J. Stigler, *The Theory of Price* (3rd edn.); H. G. Johnson, *The Theory of Income Distribution*; J. R. Hicks, *A Revision of Demand Theory*; W. Breit and H. Hochman, *Readings in Micro-Economics*; H. Townsend, *Readings in Price Theory* (Penguin).

59(a) Classes

60 Final-Year Macro-Economics

Professor H. G. Johnson. Forty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course A. Macro-economics. The simple Keynesian model of income-determination. The theory of economic policy. The consumption function. The theory of investment. Business cycles. Problems of stabilisation policy. Models of economic growth. Keynesian theory versus quantity theory. B. Monetary theory. The classical quantity theory. The Keynesian theory of money. The demand for money and liquidity. Quantity theory, portfolio balance and inventory-theoretic approaches. The supply of money and monetary policy. Financial intermediation. Money and general equilibrium theory. Inflation theory. Money in growth models. The monetary standard and international monetary arrangements.

Selected reading 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.); J. G. Gurley and E. S. Shaw, *Money in a Theory of Finance*; M. J. Bailey, *National Income and the Price Level*; W. T. Newlyn, *Theory of Money*; H. G. Johnson, *Essays in Monetary Economics*; R. S. Thorn (Ed.), *Monetary Theory and Policy*.

60(a) Classes

61 Methods of Economic Investigation

For M.Sc. final yr

Description of course The purpose of this course is to present the more frequently used techniques of empirical investigation in economics. In addition to the methods employed, it illustrates the advantages and difficulties involved in their application.

(i) Introductory Econometrics

Dr Wallis. Twenty lectures, Michaelmas Term.

Recommended reading C. F. Christ, *Econometric Models and Methods*; K. F. Wallis, *Introductory Econometrics*.

(ii) Case Studies

Dr Desai. Twenty lectures, Lent Term.

Recommended reading A detailed list of empirical articles will be given at the beginning of the course. Also K. F. Wallis, *Topics in Applied Econometrics*.

61(a) Classes

ADVANCED ECONOMIC THEORY I: Theory of Economic Growth

ADVANCED ECONOMIC THEORY II: Linear Economic Models

ADVANCED ECONOMIC THEORY III: Theory of Investment Planning

62 Theory of Economic Growth

Dr Ozga. Thirty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course General properties of one-sector and two-sector models of economic growth. The characteristics of their paths of steady growth and the conditions of their convergence onto those paths. The concepts and the analysis of embodied and disembodied technical progress. Optimal growth.

Selected reading R. G. D. Allen, *Macro-Economic Theory*; E. Burmeister and A. R. Dobell, *Mathematical Theories of Economic Growth*; F. H. Hahn and R. C. O. Matthews "The Theory of Economic Growth: A Survey" (*The Economic Journal*, December 1964); R. M.

Solow, *Growth Theory*; H. Y. Wan, *Economic Growth*.

62(a) Classes

63 Linear Economic Models

Dr Ozga. Thirty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course An introduction to linear programming, input-output and games theory. Static and dynamic production models and the von Neumann model. Application of activity analysis to economic theory.

Selected reading H. B. Chenery and P. B. Clark, *Interindustry Economics*; R. Dorfman, P. A. Samuelson and R. M. Solow, *Linear Programming and Economic Analysis*; D. Gale, *The Theory of Linear Economic Models*; G. Hadley, *Linear Programming*.

63(a) Classes

64 Turnpike Theorem and Related Topics

Dr Kuska. Six lectures, Summer Term.

For M.Sc. final yr.

Description of course The concepts and the analysis of efficient and optimal programmes of capital accumulation. Formulation and proof of a turnpike theorem.

65 Theory of Investment Planning

Professor Sen. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course Part I Cost-benefit analysis and project evaluation. Part II aggregate planning, income distribution and intertemporal choices.

HISTORY OF ECONOMIC THOUGHT

66 History of Economic Thought: Economic Theory in Retrospect
Dr Devletoglou. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course The emphasis of this course is on the development of economic analysis over the years: its relation to policy issues and its methodological and philosophical underpinnings. Particular consideration is given to classical and post-classical development.

Selected reading M. Blaug, *Economic Theory in Retrospect*; J. A. Schumpeter, *The History of Economic Analysis*.

66(a) Classes

THE PURE THEORY OF INTERNATIONAL TRADE AND COMMERCIAL POLICY

INTERNATIONAL MONETARY ECONOMICS

67 International Trade

Professor H. G. Johnson. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

Description of course The course will deal with the factors determining the flows of international trade in real terms. Topics: the doctrine of comparative costs; comparative demand patterns; factor endowments; terms of trade; unilateral transfer; trade and growth.

Suggested reading J. E. Meade, *The Theory of International Economic Policy*, Vol. II; *Trade and Welfare*, chaps. 1-22; *A Geometry of International Trade*; J. Vanek, *International Trade: Theory and Economic Policy*, Part III; G. Haberler, *Survey of International Trade Theory*; A. Marshall, *Pure Theory of Foreign Trade*; D. Ricardo, *Principles of Political*

Economy, chap. 7; R. E. Caves and H. G. Johnson (Eds.), *Readings in International Economics*, Vol. XI (A.E.A.); R. A. Mundell, *International Economics*; I. F. Pearce, *International Trade*, Book II; R. G. Lipsey, *Theory of Customs Unions*; G. M. Meier, *International Trade and Development*; H. G. Johnson, *International Trade and Economic Growth*, chap. 3; W. E. Jones, "The Transfer Problem Re-Visited" (*Economica*, May 1970); J. Bhagwati (Ed.), *International Trade*, chap. 2.

67(a) Classes

Five classes, Michaelmas Term.

68 International Monetary Economics

Professor Day and Dr Swoboda. Sessional.

For M.Sc. final yr.

Description of course The balance of payments and the foreign exchange market. "Automatic" adjustment mechanisms under alternative international monetary standards. The transfer problem. The analysis of currency depreciation: the elasticity, absorption and monetary approaches. Growth, imported inflation and the balance of payments. National economic policy, the balance of payments, and the adjustment mechanism. Policy mixes under fixed and flexible exchange rates. International monetary problems: liquidity and the world price level; confidence and the crisis problem; the speed, cost, and burden of adjustment; the efficiency of alternative international monetary systems. World inflation, money and reserves.

Selected reading R. E. Caves and H. G. Johnson (Eds.), *Readings in International Economics* (chaps. 21-25, 31); H. G. Johnson, *International Trade and Economic Growth*, Part III; J. E. Meade, *The Theory of International Economic Policy*, Vol. I, *The Balance of Payments*; F. Machlup and B. G. Malkiel (Eds.), *International Monetary Arrangements: The Problem of Choice*; H. Ellis and L. Metzler (Eds.), *Readings in the Theory of International*

Trade (chaps. 4-8); R. A. Mundell, *International Economics*; *Monetary Theory*; L. B. Yeager, *International Monetary Relations*.

68(a) Classes

69 The Theory of Commercial Policy

Professor H. G. Johnson. Ten lectures, Lent Term.

For M.Sc. final yr.

Description of course The theory of the optimum tariff and tariff retaliation. Tariffs, the terms of trade and the distribution of income. The cost of protection. Distortions of competition and the case for protection; the infant industry argument for protection. The theory of tariff structure and effective protection. The theory of tariff bargaining. The theory of customs unions and preferential trading arrangements.

Selected reading G. Haberler, *The Theory of International Trade*; H. G. Johnson, *Economic Policies Toward Less Developed Countries* (chaps. 3, 4, 6); J. Bhagwati, "A Survey of the Theory of International Trade" (*The Economic Journal*, March, 1964); M. C. Kemp, *The Pure Theory of International Trade*; J. Vanek, *International Trade: Theory and Economic Policy*; R. E. Caves and H. G. Johnson (Eds.), *Readings in International Economics*; J. E. Meade, *The Theory of International Economic Policy*, Vol. II, *Trade and Welfare* and *A Geometry of International Trade*.

69(a) Classes

Five classes, Lent Term.

70 Seminar on International Trade

Sessional, starting in the sixth week of the Michaelmas Term.

For M.Sc. final yr. Other students will be admitted only by permission.

THEORY OF OPTIMAL DECISIONS

71 Theory of Optimal Decisions

Mr Foldes. Forty-five lectures, Sessional.

For M.Sc. final yr.

Description of course Models for optimal decisions under certainty and uncertainty, with applications to problems of business and public policy. (Applications in 1973-74 will probably be mainly to the evaluation of risk in investment planning.)

Recommended reading Selections from the following: W. Baumol, *Economic Analysis and Operational Research* (taken as read); M. D. Intriligator, *Mathematical Optimization and Economic Theory*; T. C. Koopmans, *Three Essays on the State of Economic Science* (first essay); K. H. Borch, *Economics of Uncertainty*; R. D. Luce and H. Raiffa, *Games and Decisions*; H. Chernoff and L. E. Moses, *Elementary Decision Theory*; A. A. Fel'dbaum, *Optimal Control Systems*; P. Massé, *Optimal Investment Decisions*; K. J. Arrow and M. Kurz, *Public Investment, the Rate of Return and Optimal Fiscal Policy*; K. J. Arrow and R. C. Lind, "Uncertainty and the Evaluation of Public Investment Decisions" (*The American Economic Review*, June 1970); E. Malinvaud, "Risk-taking and Resource Allocation" in J. Margolis and H. Guitton (Eds.), *Public Economics*; J. Hirschleifer, *Investment, Interest and Capital*; S. H. Archer and C. A. D'Ambrosio, *Readings in Business Finance* (parts); F. S. Hillier, *The Evaluation of Risky Interrelated Investments*; W. F. Sharpe, *Portfolio Theory and Capital Markets*.

LABOUR ECONOMICS

72 Labour Economics

Dr Metcalf and Dr Richardson. Ten two-hour lectures, Michaelmas Term.

For M.Sc. final yr. and other graduate students.

Economics

Description of course 1 Analysis of labour supply, considering population, activity rates, hours worked and the quality of the labour force. 2 The demand for labour. 3 The wage structure and income distribution. 4 Selected other topics e.g. trade unions, strike activity, unemployment and wages policies.

Recommended reading J. F. Burton *et al.*, *Readings in Labor Market Analysis*. A more detailed reading list will be given at the beginning of the course.

72(a) Workshop in Labour Economics

Dr Metcalf, Dr Richardson and Dr Lightman. Ten two-hour meetings. Lent Term.

MONETARY ECONOMICS

73 Applied Monetary Economics

Mr Alford and Professor Walters. Ten one-and-a-half hour meetings, Lent Term.

For M.Sc. final yr.

74 Topics in Monetary Theory

Mr. Miller and Mr. Griffiths. Ten meetings of one-and-a-half hours, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For M.Sc. final yr.

75 Econometrics in the Monetary Field—A Survey

Professor Walters and Mr Miller. Ten lectures of one-and-a-half hours, Michaelmas Term.

For M.Sc. final yr.

Recommended reading H. G. Johnson *et al.* (Eds.), *Readings in British Monetary Economics*; A. A. Walters (Ed.), *Readings in Money and Banking* (Penguin).

ECONOMICS OF PUBLIC ENTERPRISE

In the session 1973-74 no courses will be provided.

ECONOMICS OF TRANSPORT

76 Economics of Transport

For M.Sc. final yr. and others by arrangement.

(i) Introduction

Mr Foster. Six lectures in the first half of the Michaelmas Term.

Syllabus The lectures will consider the role of transport in the economy and the relevant theory and techniques for its analysis.

Recommended reading K. M. Gwilliam, *Transport and Public Policy*; D. L. Munby, *Readings in the Economics of Transport*.

(ii) Shipping and Ports

Professor Walters. Four lectures in the second half of the Michaelmas Term.

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*.

(iii) Highways

Mr Foster. Five lectures in the first half of the Lent Term.

Syllabus The analysis of highway economic questions, concentrating particularly on investment and pricing issues.

Recommended reading Alan Day, *Roads*; A. A. Walters, *The Economics of Road-User Charges*; D. Winch, *The Economics of Highway Planning*.

Economics

(iv) Urban Transport

Mr Flowerdew. Five lectures in the second half of the Lent Term.

Syllabus Market imperfections in urban transport—public goods, externalities (congestion and pollution), institutional problems. Demand and prices. Supply and costs. Transport—land use interactions. Project evaluation.

Recommended reading J. M. Thomson, *Motorways in London*; R. Lane, T. J. Powell and P. Prestwood Smith, *Analytical Transport Planning*; OECD, *The Urban Transportation Planning Process*; J. R. Meyer, J. F. Kain, and M. Wohl, *The Urban Transportation Problem*; Ministry of Transport, *Road Pricing: The Economic and Technical Possibilities*.

(v) Economics of Aviation and Airports

Professor Day and Mr Flowerdew. Five lectures in the first half of the Summer Term.

Syllabus The application of economics to aviation and airports. Airport pricing policy. Airport location studies. (See also Course 128, Methodology of Cost-Benefit Studies of the Location of Airports).

Recommended reading P. R. G. Layard (Ed.), *Cost Benefit Analysis*, chaps. 17, 18. Further reading will be given during the course.

76(a) Transport Economics (Classes)

Mr Flowerdew and Mr Foster. Michaelmas and Lent Terms.

77 Transport Economics (Seminar)

Mr Flowerdew and Mr Foster. Fortnightly throughout the session.

For M.Sc. final year and others by arrangement.

Syllabus Discussion of papers by students, faculty and visitors in connection with all transport economics courses.

PUBLIC FINANCE

78 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 interrelations between problems of public goods, externalities and cost benefit analysis, and the possible advantages of political solutions. Problems of the optimum supply of particular government services will also be discussed. Taxes on personal and corporate income, outlay, value added and wealth will be analysed in detail.

Selected reading R. A. Musgrave, *The Theory of Public Finance*; R. A. Musgrave, *Fiscal Systems*; L. Johansen, *Public Economics*; A.E.A., *Readings in the Economics of Taxation*; A. R. Prest, *Public Finance in Theory and Practice*, 4th edn.; C. S. Shoup, *Public Finance*; J. Burkhead and J. Miner, *Public Expenditure*.

79 Seminar in Public Sector Economics

Professor Prest. Fortnightly, Sessional.

For M.Sc. final yr. Others may attend by permission of Professor Prest.

80 The Economics of Multilevel Government

Dr Perlman. Five lectures, Lent 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. A background reading in the theory of public goods and externalities will be very useful.

ECONOMICS OF INDUSTRY

81 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 1 Analysis of the structure of industries: size-distribution of plants and firms; concentration; vertical integration; specialisation and diversification; conditions of new entry. 2 Expansion and contraction of industries and changes in their structure; changes in concentration, market shares and ranks, vertical integration, and specialisation and diversification. The process of structural change: entry, exit and mergers. 3 The economics of innovation in industry. 4 The relation between industrial structure, forms of competitive behaviour, and economic performance. 5 Public policy in relation to the structure and performance of industries (selection of topics).

Selected reading G. J. Stigler, *The Organisation of Industry*; R. E. Caves (Ed.), *Britain's Economic Prospects*, chap. 7; F. M. Scherer, *Industrial Market Structure and Economic Performance*.

81(a) Classes

Ten classes, Lent Term.

82 Economic Aspects of the Joint Stock Company and the Economics of Regulation and Licensing

Dr Richardson. Ten lectures, Lent Term.

For M.Sc. final yr.

Description of course A discussion of the significance of the managerial firm and of the various theories designed to explain its behaviour. The consequences of the regulation of: 1 Quality standards in product markets. 2 The behaviour and performance of firms. 3 The terms of exchange in the factor markets.

ECONOMICS OF LESS DEVELOPED COUNTRIES AND OF THEIR DEVELOPMENT

83 The Economics of Less Developed Countries

Professor Bauer and Professor Myint. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.; Dip. Soc. Admin. overseas option (one-yr.). Optional for Dip. Soc. Plan.

Description of course The relevance and limitations of economics. Characteristics of poor economies. Issues of concept and measurement. The vicious circle of poverty. Aspects of change. Varying degrees of integration between different markets and between different sectors of the economy. Balanced and unbalanced growth. International trade and development. Fiscal and monetary problems of development. Some specific issues of policy.

Recommended reading A. N. Agarwala and S. P. Singh, *The Economics of Underdevelopment*; P. T. Bauer, *Dissent on Development*; *P. T. Bauer and B. S. Yamey, *The Economics of Under-developed Countries*; G. Ohlin, *Population Control and Economic Development* (O.E.C.D. Report, 1967); Y. Hayami, and V. W. Ruttan, *Agricultural Development and International Perspective*; *H. G. Johnson, *Economic Policies Toward Less Developed Countries*; *S. Kuznets, *Modern Economic Growth: Rate Structure and Spread*; *W. A. Lewis, *Development Planning*; A. I. MacBean, *Export Instability and Economic Development*; I. Little, T. Scitovsky and M. Scott, *Industry and Trade in Some Developing Countries*; G. M. Meier, *Leading Issues in Development Economics*; *H. Myint, *The Economics of the Developing Countries*; H. Myint, *Economic Theory and the Underdeveloped Countries*; A. R. Prest, *Public Finance in Underdeveloped Countries* (2nd edn.); T. W. Schultz, *Transforming Traditional Agriculture*. Starred items are basic reading. Further references will be given during the course.

84 Seminar on the Economics of Less Developed Countries

Professor Bauer and Professor Myint. Sessional, in conjunction with Course 83. Admission will normally be restricted to graduate students working in this field and will be by permission of Professor Bauer or Professor Myint, to whom application should be made in writing.

85 Aspects of Economic Development (Classes)

Professor Myint, Dr Josling and Mr Layard. Fourteen classes, Lent and Summer Terms.

AGRICULTURAL ECONOMICS

86 Economic Analysis of Agricultural Production and Markets

Dr Josling. Five lectures, Lent Term.

For M.Sc. final yr.

Description of course The analysis of decision making at the farm-firm level including the use of linear programming, game theoretic and simulation techniques; the estimation of production functions and the application of production function analysis; the analysis of factor markets (except labour); analysis of consumer demand for agricultural products; macro-economic models of the farm sector.

Suggested reading K. A. Fox and D. G. Johnson (Eds.), *Readings in the Economics of Agriculture*; E. O. Heady, *The Economics of Agricultural Production and Resource Use*; E. O. Heady and J. Dillon, *Agricultural Production Functions*; Z. Griliches, "Research Expenditures, Education and the Aggregate Agricultural Production Function" (*The American Economic Review*, December, 1964).

Further references will be given at the beginning of the course.

86(a) Classes

87 Agricultural Labour Market

Dr Metcalf. Five lectures, Lent Term.

For M.Sc. final yr.

Syllabus The operation of the agricultural labour market in the U.K., U.S.A. and certain developing countries. For the advanced countries special attention will be paid to problems of income distribution and rural poverty. For developing areas special attention to hypothesis of surplus agricultural labour and to problems caused by urban unemployment.

Recommended reading will be given at the beginning of the course.

87(a) Classes

Five classes, Lent Term.

88 Public Policy and Agriculture in Industrial Countries

Dr Josling. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

Description of course The economic analysis of government policies toward agriculture, with emphasis on the objectives of agricultural policies and their effects on resource returns, income distribution, international trade, balance of payments and resource allocation. The impact of general economic policies on the farm sector. Policies of the U.K., E.E.C., U.S.A. and Canada will be examined, but other countries may be studied if of interest to class participants.

Suggested reading D. E. Hathaway, *Government and Agriculture*; V. Ruttan, A. Waldo and J. Houck (Eds.), *Agricultural Policy in an Affluent Society*.

Further reading will be given at the beginning of the course.

88(a) Classes

Economics

89 Seminar in Agricultural Economics

Dr Josling. Ten seminars, Sessional.

For M.Sc. final yr.; research degree and other interested students.

ECONOMIC ASPECTS OF ACCOUNTING

Details of the courses will be found in the section on Accounting and Finance.

SOVIET ECONOMIC STRUCTURE

90 Soviet Economic Structure

Professor Wiles. Twenty-five lectures, Lent and Summer Terms.

For M.Sc. final yr. Also suitable for undergraduates.

Description of course The changing institutional framework and mechanisms of the economy, 1917-64: their intellectual origins; the actual performance of the economy. Parallel problems in other communist countries.

Recommended reading A. Nove, *The Soviet Economy*, 2nd edn.; K. Marx, *Value* (sometimes written "Wages"), *Price and Profit*; P. J. D. Wiles, *The Political Economy of Communism*; H. Schwartz, *Russia's Soviet Economy*, 2nd edn.; *Political Economy* (the official Soviet textbook).

Further reading will be given during the course.

91 Economic Problems of the Communist World (Seminar)

Professor Wiles, Dr Zauberger and Mr Markowski. Sessional.

For M.Sc. final yr.

Admission by permission of Professor Wiles, Dr Zauberger or Mr Markowski.

THEORY AND IMPLEMENTATION OF DETAILED PLANNING

92 Introduction to National Planning
Mr Markowski and Professor Wiles. Thirty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.; B.Sc. (Econ.) Part II.

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*; J. E. Meade, *The Controlled Economy*; B. Ward, *The Socialist Economy*; Mahbul-Haq, *The Strategy of Economic Planning: A Case Study of Pakistan*.

Further reading will be given during the course.

92(a) Classes

Ten classes, Lent Term.

For B.Sc. (Econ.) Part II only.

93 Techniques in Normative and Indicative Planning

Dr Gomulka. Thirty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course General theory of macro, multisectoral and operational planning. Input-output, programming and simulation models. Convex programming, shadow prices and multilevel planning.

Recommended reading A. Brody and A. Carter (Eds.), *Input-Output Techniques* (1971); R. Eckaus and K. Parich, *Planning for Growth: Multisectoral, Intertemporal Models Applied to India*; L. Goreoux and A. Manne (Eds.), *Multilevel Planning* (1973); G. Heal, *The Theory of Economic Planning*; M. Morishima et al, *The Working of Econometric Models*; A. Zauberger, *Aspects of Planometrics*.

Economics

94 Problems of Planning and Development (Seminar)

Dr Gomulka, Professor Wiles, Mr Markowski and Dr Zauberger. Sessional.

Attendance is by permission of Dr Gomulka or Dr Zauberger.

For M.Sc. final yr.

95 Control- and System-Theoretic Approach to Planning

Dr Zauberger. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

Recommended reading will be given at the beginning of the course.

ECONOMICS OF EDUCATION AND HUMAN CAPITAL

96 Economics of Education and Human Capital

Mr Layard. Sixteen lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.; B.Sc. (Econ.) Part II; Dip. Soc. Plan.

Syllabus: Principles of optimal private and social choice over time. The private investment choice in education. The social rate of return to education: measuring returns by wages and by direct production function estimates. The contribution of education to economic growth. The social investment choice in education. The financing of education and the political economy of educational supply. The internal productivity of educational institutions. Industrial training, general and specific. Labour market information, job search and the causes of unemployment. Labour mobility and brain drain. Economics of health and population.

Recommended reading G. S. Becker, *Human Capital*; J. Hirschliefer, *Investment, Interest and Capital*; M. Blaug, *Introduction to the Economics of Education*; M. Blaug (Ed.), *Penguin Modern Economics Readings*,

Economics of Education 1 and 2; L. Thurow, *Investment in Human Capital*; L. Hansen (Ed.), *Education, Income and Human Capital*; "Investment in Human Beings" (*The Journal of Political Economy*, Supplement, October 1962); R. Freeman, *The Market for College Trained Manpower*; O.E.C.D., *The Residual Factor and Economic Growth*; Z. Griliches, "Research Expenditure, Education and the Agricultural Production Function" (*The American Economic Review*, April 1964); M. Friedman, *Capitalism and Freedom*, chaps. 2 and 6; H. G. Johnson, "Some Economic Aspects of Brain Drain" (*Pakistan Development Review*, Autumn 1967); M. Blaug, R. Layard, M. Woodhall, *Causes of Graduate Unemployment in India*; B. Weisbrod, *The Economics of Public Health*; G. S. Becker, "An Economic Analysis of Fertility" in *Demographic and Economic Change in Developed Countries*.

97 Workshop in the Economics of Education

Mr Layard and Dr Psacharopoulos. Fortnightly, Sessional.

For M.Sc. final yr.

This workshop will proceed systematically through the advanced literature in the subject. Admission by permission of Mr Layard.

98 Economic Models of Educational Planning

Dr Psacharopoulos. Ten lectures, Lent Term.

For M.Sc. final yr.

Description of course The philosophy, techniques and assumptions of alternative planning methods illustrated by actual applications; social demand, manpower requirements, international comparisons, rate of return and linear programming.

Recommended reading M. Blaug, *An Introduction to the Economics of Education* (Penguin, 1970); S. Bowles, *Planning Educational Systems for Economic Growth* (Harvard, 1969); R. Hollister, "The Economics of Manpower Forecasting" (*International Labour*

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Review, April 1964); R. Layard, "Economic Theories of Educational Planning" in M. H. Peston and B. A. Corry (Eds.), *Essays in Honour of Lord Robbins*; G. Psacharopoulos, "Estimating Shadow Rates of Return to Investment in Education" (*Journal of Human Resources*, Winter 1970); G. Psacharopoulos, *Returns to Education* (Elsevier 1973).

99 Economics of Research and Development

Professor H. G. Johnson. Four lectures, Lent Term.

For M.Sc. final yr.

Description of course Knowledge as a factor of production in a generalised capital-theoretic approach. Welfare problems in the provision of productive knowledge in a competitive system. The problem of basic as distinguished from applied research. Problems of university research and of government science policy. Optimality rules for investment in the production of knowledge. Knowledge as a consumption good.

Recommended reading will be given at the beginning of the session.

URBAN ECONOMICS

100 Urban Economics

For M.Sc. final yr. and others by arrangement.

(i) Introduction

Mr Foster. Ten lectures, Michaelmas Term.

Syllabus The growth of cities and urban economic growth. The spatial distribution of urban activities. Theory of urban rent. Economic criteria for urban policies and planning. Application of cost-benefit analysis to urban problems. Urban labour markets. Urban poverty.

Recommended reading E. S. Mills, *Urban Economics*, H. Perloff and L. Wingo, (Eds.), *Issues in Urban Economics*, W. Thomson, *A Preface to Urban Economics*.

(ii) Economics of Housing

Dr Whitehead. Five lectures, Lent Term.

Syllabus The nature of housing. The determinants of the demand and supply. Empirical testing of housing models. The case for subsidy, taxation and direct controls. Urban housing: densities, land values, rehabilitation or renewal. Interactions between housing, employment and transport.

Recommended reading M. Reid, *Housing and Income*; R. E. Muth, *Cities and Housing*; J. Rothenberg, *Economic Evaluation of Urban Renewal*; W. G. Grigsby, *Housing Markets and Public Policy*.

(iii) Economics of Urban Transport

Students should attend Course 76(iv).

(iv) Economics of Planning

Mr Flowerdew. Five lectures, Summer Term.

Syllabus The case for and against intervention. Local government objectives. Spatial externalities. Urban growth. Distribution of land-uses. Cost-benefit studies. Evaluation techniques compared.

Recommended reading J. Jacobs, *The Economy of Cities*; H. W. Richardson, *Urban Economics*, G. H. Peters, "Land use Studies in Britain: a Review of the Literature with Special Reference to Applications of Cost-Benefit Analysis" (*Journal of Agricultural Economics*, May 1970); H. Gans, *The Levittowners*; Greater London Development Plan *Report of Studies*.

100(a) Urban Economics (Classes)

Mr Flowerdew, Mr Foster and Dr Whitehead. Michaelmas and Lent Terms.

101 Urban Economics (Seminar)

Mr Flowerdew, Mr Foster and Dr Whitehead. Fortnightly throughout the Session.

For M.Sc. final yr. and others by arrangement.

Economics

Syllabus Discussion of papers by students, faculty and visitors in connection with all urban economics courses.

102 Economics of Environment

Dr Desai. Five lectures, Michaelmas Term.

For M.Sc. final yr. and others by arrangement.

Description of course The relevance of economic theory, especially the literature on externalities for the problems of environmental pollution, congestion and common property; operational approaches to the problem of environmental control will also be discussed.

Recommended reading A. Kneese and B. Bower, *Managing Water Quality: Economics, Technology Institutions* (Johns Hopkins, 1968); *Royal Commission on Environmental Pollution: First Report* (Cmd. 4585, 1971).

Additional reading will be recommended at the beginning of the course.

103 Urban and Transport Models

Mr Flowerdew. Ten lectures, Lent and Summer Terms.

For M.Sc. final year.

Description of course The course will include a model-building exercise. Topics covered include land-use transportation models, locational models, mathematical programming and simulation.

Recommended reading W. Alonso, *Location and Land Use*; R. Lane, T. J. Powell, and P. Prestwood Smith, *Analytical Transport Planning*; I. S. Lowry, *A Model of Metropolis*; B. Harris (Ed.), "Urban Development Models: New Tools for Planning" (*Journal of the American Institute of Planners*, 1965). J. D. McLoughlin, "Urban and Regional Planning: A Systems Approach".

103(a) Classes

These classes will be held if there is a demand.

Students taking Urban Economics in the M.Sc. may also be interested in Course 80 The Economics of Multilevel Government.

MARX'S ECONOMICS IN THE LIGHT OF CONTEMPORARY ECONOMIC ANALYSIS

104 Marx's Economics in the Light of Contemporary Economic Analysis

Professor Morishima. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course Labour theory of value. Theory of exploitation. Transformation problem. Reproduction scheme. Law of relative surplus population. Towards the von Neumann revolution. The treatment is analytical and mathematical to enable Marx's contributions to be placed in the context of contemporary economic analysis. Matrix algebra is used but no advanced knowledge of mathematics is assumed.

Recommended reading M. Morishima, *Marx's Economics*; A. Brody, *Proportions, Prices and Planning*; I. Adelman, *Theories of Economic Growth and Development*; J. Robinson, *An Essay on Marxian Economics*; P. Sraffa, *Production of Commodities by Means of Commodities*; P. M. Sweezy, *The Theory of Capitalist Development*.

104(a) Classes

Ten classes.

(B) M.Sc. in Econometrics and Mathematical Economics

105 Graduate Seminar in Quantitative Economics

Professor Gorman, Professor Sargan and others. Sessional.

For M.Sc. final yr.

Description of course Papers will cover recent work in quantitative economics, the

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econometric models and methodology used and an economic interpretation of the results.

Recommended reading S. J. Prais and E. S. Houthakker, *Analysis of Family Budgets*; M. Friedman, *The Consumption Function*; C. Christ, *Measurement in Economics*; R. Stone, *A Programme for Growth*, Vols. 1-5; N.B.E.R., *Models of Income Determination*; J. S. Duesenberry, G. Fromm, L. R. Klein, E. Kuh, *The Brookings-S.S.R.C. Quarterly Econometric Model of the U.S. Economy*.

106 Econometric Methodology for Quantitative Economics

Professor Sargan. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

Description of course More applied aspects of econometric methods. Dummy variables. Demographic variables. Instrumental variables with applications to permanent income hypothesis. Simultaneous equations systems with applications to production functions. Extraneous estimators and the combination of several samples. Covariance analysis.

Recommended reading as for Course 105.

107 Aggregation in Economics and Econometric Models

Professor Gorman. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

108 Advanced Mathematical Economics I

For M.Sc. final yr.

Students will be expected to be familiar with the work for the undergraduate paper Mathematical Economics I.

(i) Consumption, Production and Aggregation Theory

Professor Gorman. Twelve lectures, Michaelmas and Lent Terms.

(ii) General Equilibrium Analysis

Professor Morishima. Fifteen lectures, Michaelmas and Lent Terms.

(iii) Collective Choice

Professor Sen, Ten lectures, Michaelmas Term.

109 Advanced Mathematical Economics II

For M.Sc. final yr.

Available only to students taking Advanced Mathematical Economics I.

(i) Duality, Separability and Related Topics

Professor Gorman, Ten lectures, Lent and Summer Terms.

(ii) Monetary Economics

Ten lectures, Lent Term.

(iii) Game Theory and Resource Allocation

Dr Dasgupta. Ten lectures, Lent Term.

(iv) Topics in Mathematical Economics

Professor Morishima. Ten lectures, Lent and Summer Terms.

109(a) Mathematical Economics Classes

Lecturer to be announced. Fortnightly, Sessional.

For M.Sc. preliminary yr.

110 Seminar in Mathematical Economics

Professor Gorman and Professor Morishima. Fortnightly, Sessional.

For M.Sc. final yr.

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111 Econometric Theory

Professor Sargan and others.

Thirty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course Least squares, Aitken generalised, with lagged endogenous variables, heteroskedastic and autoregressive errors. Two-stage and three-stage least squares. Limited and full information maximum likelihood estimates.

Recommended reading P. Dhrymes, *Econometrics*; A. S. Goldberger, *Econometric Theory*; E. Malinvaud, *Statistical Methods of Econometrics*.

111(a) Classes

Ten classes, Michaelmas Term.

112 Special Topics in Econometric Theory

Optional for M.Sc. final yr.

These courses are particularly recommended for students with a good knowledge of econometric theory.

(i) Finite Sample Theory

Professor Sargan. Ten lectures, Michaelmas Term.

Description of course Models with two endogenous variables, exact distributions, approximations, moments. General approximations to distributions, Nagar approximations to moments.

(ii) Autocorrelation in Simultaneous Equation Systems

Dr Hendry. Ten lectures, Lent Term.

Description of course Vector autoregressive processes, appropriate estimators based on generalisations of two stage least squares and full information maximum likelihood.

(iii) Estimation of Continuous Systems

Dr Wymer. Seven lectures, Lent Term.

Description of course Estimation of

differential equation systems and some econometric applications.

(iv) Estimation of Simultaneous Models

Dr Wymer. Three lectures, Lent Term.

Description of course Full information maximum likelihood estimation of econometric models with general restrictions on the coefficients. Applications.

(v) Spectral Methods in Econometrics

Dr Wallis. Five lectures, Summer Term.

113 Seminar in Econometrics

Professor Sargan and Professor Gorman. Fortnightly, Sessional.

For M.Sc. final yr. Others will be admitted only by permission of Professor Gorman or Professor Sargan.

(C) M.Sc. in Regional and Urban Planning Studies

114 Seminar in Regional and Urban Economics

Professor Day and Mr Flowerdew. Fifteen meetings, Lent and Summer Terms.

For M.Sc. final yr.

115 Introduction to Housing Economics

Mr Odling-Smee. Five lectures, second-half Michaelmas Term.

For M.Sc. final yr.

Syllabus The application of economic analysis to the housing market.

Recommended reading L. Needleman, *Economics of Housing*; A. A. Nevitt, *Economics and Problems of Housing*; A. A. Nevitt, *Housing, Taxation and Subsidies*; A. N. Page and W. R. Seyfried (Eds.), *Urban Analysis*.

116 Introduction to Regional Economics

Dr Whitehead. Five lectures, first-half Lent Term.

For M.Sc. final yr.

Description of course The regional economic base. The location of industry and population, transport costs, externalities. Factor mobility, the problems of labour and capital migration. Regional multipliers and the regional balance of payments. Regional growth. Government policies towards regions and their consistency with national economic aims.

Recommended reading H. Richardson, *Elements of Regional Economics*; L. Needleman (Ed.), *Regional Analysis*. Other reading will be suggested at the beginning of the course.

Note Students should also attend Course 135 Introduction to Cross Benefit Analysis.

(D) M.Sc. in European Studies

117 The Economics of European Integration

Dr Josling. Twenty lectures, Michaelmas and Lent Terms and Five seminars, Summer Term.

For M.Sc.

Description of course A discussion of the problems of economic integration with special reference to the European Communities. Emphasis will be placed on the analysis of these problems, as examples of the difficulties and the advantages of making joint decisions on aspects of economic policy. Monetary union, tax harmonization, common policies for agriculture and foreign trade, regional policy and conjunctural policies will be discussed in this light. Students should be familiar with basic economic

analysis and with the present institutions of the European Economic Community.

Recommended reading will be given at the beginning of the course.

III Other Graduate Courses

For courses intended primarily for M.Sc. students, see under the appropriate M.Sc. heading.

118 Problems in Industrial Administration

Professor Sir Ronald Edwards. Sessional (evening). Admission strictly by permission of Professor Sir Ronald Edwards.

This seminar will not be held in 1973-74.

The seminar, which is organized jointly with the London Graduate School of Business Studies, will be attended by industrialists, professional businessmen and civil servants as guests, and each discussion will be based on a paper prepared and circulated in advance. The papers will be concerned with such matters as the following: distinctive features of cost, demand, organization and management in different firms and industries; marketing, including export business; economic and other considerations affecting industrial design; organization and economics of research; the development of new enterprises; industrial location in the light of present government policy; labour relations and the human factor; relations with trade associations and government departments.

119 Monetary Economics: Theory and Testing

Professor H. G. Johnson and Mr Alford. Michaelmas and Lent Terms.

This seminar is for staff and graduate students working for the M.Phil and Ph.D. degrees. It will cover general monetary theory, and theory and testing in relation to:

(a) the U.K. monetary system, (b) the U.S. monetary system, and (c) the international monetary system. Application for admission should be made to Mr Alford in the first week of the Michaelmas Term.

120 Research Seminar in the Economics of Education

Professor Blaug. Fortnightly, Lent and Summer Terms.

For academic staff and research students. Optional for M.Sc. final yr. Admission by permission of Professor Blaug.

121 Educational Planning Seminar

Mr Williams. Fortnightly, Sessional.

For academic staff and graduate students.

122 Workshop in Economic Research

Professor Walters, Professor H. G. Johnson and Dr Wymer. Sessional.

For research degree students.

This workshop offers students writing dissertations the opportunity to present their work for criticism and advice by staff and fellow students.

123 Computer Programs for Economists

Dr Hendry and Dr Wymer.

This course will not be given in 1973-74.

For research degree students in Economics. This course will consider programs designed to apply a variety of econometric methods, including analysis of time-series data, autocorrelation problems, simultaneous equation models, prediction and simulation, and the estimation of non-linear equations.

124 Contemporary Economics

Professor H. G. Johnson.

An informal discussion group for M.Sc. and other graduate students in Economics.

125 Further Methods of Economic Investigation

Dr Wallis and Dr Hendry. This course will not be given in 1973-74.

For graduate students in Economics.

This course considers some additional topics to those contained in course 61(i) Introductory Econometrics, together with computer programs designed to apply a variety of econometric methods to economic data.

126 Operational Econometrics

Dr Hendry and Dr Wallis. 12th to 14th December.

Optional for M.Sc. final yr. *only*.

Description of course The application of Econometric Methods in studying macro-economic relationships; problems of dynamic specification, simultaneity, autocorrelation, hypothesis testing and forecasting. A computer programme which provides a variety of estimators, including ordinary and two stage least squares is available for use. No knowledge of programming is required.

IV Additional Courses for Undergraduates and Graduates

127 Behaviouralism and Economic Analysis

Dr Devletoglou. Five lectures, Michaelmas Term.

Suitable for graduate students.

Description of course A survey of the major recent attempts to emphasise human behaviour in economic analysis in a manner compatible with current developments in the behavioural disciplines. The lectures will concentrate on the theory of consumer and firm behaviour, but will also consider problems in macro-behaviour.

Recommended reading N. Georgescu-Roegen, *Analytical Economics*, 1966, Parts I and II; F. M. Nicosia, *Consumer*

Decision Processes, 1966; A. G. Papandreou, "Some Basic Problems in the Theory of the Firm" (*A Survey of Contemporary Economics*, Vol. II, A.E.A., 1952); J. A. Howard, *Buyer and Executive Behavior*, 1963; R. M. Cyert and J. G. March, *A Behavioral Theory of the Firm*, 1963; N. E. Devletoglou, "A Dissenting View of Duopoly and Spatial Competition" (*Economica*, May, 1965); H. A. Simon, "Theories of Decision-Making in Economics and Behavioural Science" (*Surveys of Economic Theory*, A.E.A.-R.E.S., 1966); N. E. Devletoglou and P. A. Demetriou, "Choice and Threshold" (*Economica*, November, 1967); N. E. Devletoglou, "Threshold and Rationality" (*Kyklos*, Fasc. 4, 1968); J. Buchanan, *Cost and Choice*, 1970; N. E. Devletoglou, "Thresholds and Transaction Costs" (*The Quarterly Journal of Economics*, February 1971), or *Consumer Behaviour*, 1971.

128 Methodology of Cost-Benefit Studies of the Location of Airports
Professor Walters. Four lectures, Michaelmas Term.

For graduate students and undergraduates by permission of Professor Walters.

Recommended reading *Report of the Commission on the Third London Airport* (H.M.S.O.).

129 Valuation of Intangibles in Cost-Benefit Analysis
Mr Flowerdew. Five lectures, Michaelmas Term.

Description of course How can money values be assessed for factors not bought or sold? Examples discussed on the course are time, recreation, health and pollution.

Recommended reading P. R. G. Layard (Ed.) *Cost-Benefit Analysis*, chaps. 6, 7, 8.

130 Economics of Socialism
Mr Markowski. Five lectures, Summer Term.
Optional for undergraduates.

131 Marxian Economics
Professor Wiles and Dr Desai.
Fifteen lectures, Lent and Summer Terms.

For graduate and undergraduate students specialising in economics.

Description of course The course is designed to cover the treatment of value and accumulation, and the nature of economic relationships in communist society in Marx and subsequent Marxian writers. The relevance of Marxian economics to the problems of modern capitalism and the third world will also be discussed.

Recommended reading K. Marx, *Capital*, Vol. 1; E. Mandel, *Marxist Economic Theory*; P. Wiles, *Political Economy of Communism*.

Further reading will be given at the beginning of the course.

132 Welfare Economics and Political Conflicts
Professor Sen. Eight lectures, Lent Term.

Description of course Political choices involved in interpersonal and intergroup conflicts will be discussed and traditional welfare economics will be reviewed in that light.

Recommended reading will be given at the beginning of the course.

133 Seminar on Economic Inequality
Professor Sen, Dr Desai and Mr Layard. Fortnightly, Lent Term.

For graduate students and undergraduates by permission.

134 Aspects of Income Distribution
Mr Layard. Six lectures, Michaelmas Term.

For graduate and undergraduate students.

Description of course The course will consider different explanations of the size

distribution of earnings, income and wealth, and evaluate the likely effect on it of different policies from a positive and normative point of view.

Recommended reading will be given at the beginning of the course.

135 Introduction to Cost Benefit Analysis

Mr Flowerdew. Five Lectures, Michaelmas Term.

For M.Sc. final year; others by permission.

Syllabus Principles of cost-benefit analysis—valuation, discounting and aggregation. Externalities in cities, congestion and pollution. Cost-benefit analysis in planning.

Recommended reading P. R. G. Layard (Ed.), *Cost-Benefit Analysis*; U.N.I.D.O., *Guidelines to Project Evaluation*; G. H. Peters, *Land Use Studies in Britain: A review of the Literature with Special Reference to Applications of Cost-Benefit Analysis*.

Accounting and Finance

150 Preliminary Accounting

Professor Edey. Three lectures, Michaelmas Term.

For B.Sc. (Econ.) Part I.

The aim is to explain the scope of the subject and its relation to professional accountancy work and careers.

151 Accounting I: Introduction

Professor Edey. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc. preliminary and final yrs.

Syllabus: The balance sheet and the income account. Assets and finance. Flow of funds statements. Interpretation.

Recommended reading H. C. Edey, *Business Budgets and Accounts*, chaps. 1-3; *Introduction to Accounting*; C. T. Horngren, *Accounting for Management Control* (chaps. 1-5); F. W. Paish, *Business Finance*. Reference may also be made to W. T. Baxter and S. Davidson (Eds.), *Studies in Accounting Theory* and L. C. B. Gower, *Modern Company Law* (2nd edn.). F. H. Jones, *Guide to Company Balance Sheets and Profit and Loss Accounts* (7th edn.) is a useful reference book on legal and technical aspects of company accounts in Britain.

151(a) Accounting I Classes

Michaelmas and Lent Terms.

152 Accounting IIa: Company Accounting

Mr Pendrill. Ten lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II; M.Sc. preliminary yr.

Note: Accounting I (Course 151) is a prerequisite for Accounting IIa.

Syllabus The nature and significance of limited liability companies; the formation and financing of a new company; the legal requirements relating to company accounting information; the preparation of company accounts; capital maintenance and dividend policy; group structure and

group accounts; the interpretation of company accounts.

Recommended reading H. Bierman and A. R. Drebin, *Financial Accounting: An Introduction*; F. W. Paish, *Business Finance*; B. S. Yamey, *The Development of Company Accounting Conventions* (Three Banks Review, September 1960). Reference may be made to L. C. B. Gower, *Modern Company Law*; Companies Acts 1948 and 1967; Report of the Company Law Committee (Cmd. 1749, 1962). For descriptions of company accounting practice, see Spicer and Pegler, *Book-keeping and Accounts*, or F. H. Jones, *Guide to Company Balance Sheets and Profit and Loss Accounts*.

152(a) Accounting IIa Classes

Lent and Summer Terms.

153 Accounting IIb: Management Information Systems

Mr Churchill. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc. preliminary yr.

Note Accounting I (Course 151) and Fortran Programming (a) (Course 942) are prerequisites for Accounting IIb.

Syllabus Basic features of the accounting information system. Electronic data processing. The design of systems. Internal control.

Recommended reading Reference may be made to H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications*; R. H. Gregory and R. L. Van Horn, *Automatic Data-Processing Systems*.

153(a) Accounting IIb Classes

Lent Term.

154 Accounting IIc: Introduction to Auditing

Mr Gordon-Picking. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II; M.Sc. preliminary yr.

Accounting and Finance

Syllabus Purpose of audits. Auditors' duties under Companies Acts. Form and content of auditors' reports. Auditing standards, the auditor's approach. Internal control and the accounting system. The main accounting systems. Documentation and evaluation of systems. The use of flow charts. Tests of procedures and relation to audit scope. The balance sheet audit. Audit of assets, in particular stock and debtors. Audit of liabilities and owners' equity. Review of operations. The business approach to auditing. Audit of computer systems. Statistical sampling techniques and the auditor. Computer audit packages.

Recommended reading P. Bird (Ed.), *A Casebook on Auditing Procedures*; P. Bird, *A Manual of Possible Solutions* (in conjunction with first title); V. R. V. Cooper, *Manual of Auditing*, 2nd edn.; H. F. Stettler, *Auditing Principles*, 3rd edn.

OTHER REFERENCES: British Computer Society, *Computer Audit Packages*; G. B. Davis, *Auditing and E.D.P.*; Institute of Chartered Accountants in England and Wales, *Statements on Auditing*; "The Development of Auditing Standards" in M. Backer (Ed.), *Handbook of Modern Accounting Theory*.

154(a) Accounting IIc Classes Summer Term.

155 Accounting IIIa: Capital Budgeting

Mr Watson. Ten lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc. preliminary and final yrs.

Syllabus Investment and financing decisions in the firm. The use of models. Methods of finance. Risk and uncertainty. Capital rationing situations. The dividend decision.

Recommended reading Relevant parts of: J. C. Van Horne, *Financial Management and Policy*; or H. Bierman and S. Smidt, *The Capital Budgeting Decision* (2nd edn.). Further reading will be recommended during the course.

155(a) Accounting IIIa Classes Michaelmas and Lent Terms.

156 Accounting IIIb

Professor Edey. Fifteen meetings, Michaelmas and Lent Terms.

For B.Sc. (Econ) Part II; M.Sc. preliminary and final yrs.

Syllabus Financial accounting, with particular reference to company accounts, the valuation of assets, shares, and firms. The measurement of income, costs and depreciation. Standard practice. E.E.C. directives. Current problems.

Recommended reading Relevant parts of W. T. Baxter and S. Davidson (Eds.), *Studies in Accounting Theory*; J. C. Bonbright, *The Valuation of Property*, chaps. I to XII and XXVI; B. V. Carsberg and H. C. Edey (Eds.), *Modern Financial Management*; R. H. Parker and G. C. Harcourt (Eds.), *Readings in the Concept and Measurement of Income*. Reference may be made to such standard textbooks as E. E. Spicer and E. C. Pegler, *Book-keeping and Accounts* (17th edn.); R. N. Anthony, *Management Accounting*; M. J. Gordon and G. Shillinglaw, *Accounting: a Management Approach*.

Other works will be recommended during the course.

156(a) Accounting IIIb Classes Michaelmas and Lent Terms.

157 Accounting IIIc: Budgetary Planning and Control

Mrs Dev. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc. preliminary and final yrs.

Syllabus Short-run planning and control in the firm. Budgetary control. Responsibility and control. Analysis of cost and revenue for pricing, output, and other decisions. Presentation of cost information.

Recommended reading H. C. Edey, *Business Budgets and Accounts*; C. T. Horngren, *Accounting for Management Control: An Introduction*, chaps. 6-17.

Accounting and Finance

157(a) Accounting IIIc Classes Michaelmas Term.

158 Accounting IIIId: Public Sector Accounting

Mr French. Five lectures, Lent Term.

For B.Sc. (Econ). Part II; M.Sc. preliminary yr.

Syllabus The planning, appraisal, control and finance of real investment projects in the public sector with emphasis on the contrasts with private sector practice.

Recommended reading "Output Budgeting and the Contribution of Macro-Economics to Efficiency in Government" (*C.A.S. Occasional Paper* No. 4, H.M.S.O.); P. D. Henderson, "Investment Criteria for Public Enterprises" in R. Turvey (Ed.), *Public Enterprise*; O. Eckstein, "A Survey of the Theory of Public Expenditure Criteria" in R. W. Houghton (Ed.), *Public Finance*; J. V. Krutilla and O. Eckstein, *Multiple Purpose River Development*; A. R. Prest and R. Turvey, "Cost-Benefit Analysis - A Survey" in *Surveys in Economic Theory*, Vol. 3; E. L. Norman, *The Accountability and Audit of Governments*; H. H. Hinrichs and G. M. Taylor, *Program Budgeting and Benefit-Cost Analysis: Cases, Text and Reading*; D. Novick, *Program Budgeting*.

Further references will be given at the beginning of the course.

158(a) Accounting IIIId Classes Lent Term.

159 History of Accounting

Professor Yamey and Mr de Ste. Croix. Three lectures, at times to be arranged.

For B.Sc. (Econ.) Part II; M.Sc. and others interested.

160 Accounting and Economic Theory (Seminar)

Mr Gould and Mr French. Lent Term.

For B.Sc. (Econ.) Part II.

Syllabus Some topics in economics of particular interest to accountants will be discussed.

161 Accounting for Non-Specialists Mrs Dev. Seven meetings, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. 3rd yr.

Syllabus Revision of Course 151

Recommended reading As for Course 151.

162 Business Finance for Trade Union Studies Course

Mr J. W. Smith. Ten meetings, Lent Term.

FOR GRADUATE STUDENTS

165 Business Finance for Diploma in Personnel Management

Mr J. W. Smith. Ten meetings, Lent Term.

166 Valuation and Accounting Theory

Professor Baxter. Twenty meetings, Michaelmas and Lent Terms.

For M.Sc. final yr.

167 Decision Analysis

Mr Watson. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

167(a) Decision Analysis Classes Lent Term.

168 Aspects of Budgetary Planning and Control

Professor Bromwich. Five meetings, Lent Term.

For M.Sc. final yr.

Accounting and Finance

169 Topics in Cost-Benefit Analysis

Mr French. Ten lectures, Michaelmas Term.

For M.Sc. final yr.; Dip. in Personnel Management

170 Problems in Accounting and Finance

Professor Edey and Mrs Dev. Twenty meetings, Michaelmas and Lent Terms.

For M.Sc. final yr.

171 Empirical Valuation Models

Professor Carsberg. Three meetings, Lent Term.

For M.Sc. final yr.

172 Selected Topics in Public Sector Accounting

Mr French. Five meetings, Lent Term.

For M.Sc. final yr.

173 Legal Aspects of Accounting

Mr French. Five meetings, Lent Term.

For M.Sc. preliminary yr.

Geography

There are three B.Sc. Honours degrees in Geography at the London School of Economics and at King's College, London. The degrees are awarded with honours, and students are taught in residential halls at both colleges. However, the introduction of college honours in the U.K. has meant the introduction of a new degree structure. All students should now apply for a specific degree programme.

Geography

COURSES FOR B.Sc. (ECON) PART I

182 Introduction to Human Geography

Professor Wain and Dr. G. H. Meade. Twenty-two lectures, Lent Term.

For B.Sc. (Econ) Part I and B.Sc. (Econ) Part II. This course is designed to provide a broad introduction to the study of human geography. It covers the distribution of population, the spatial organization of economic activities, and the impact of human activities on the environment.

Recommended reading: H. H. Hobart, *Human Geography*, 2nd ed., 1966; J. H. Stoddart, *Human Geography*, 1969; R. J. Chorley and W. M. Haggett, *Location Theory and Regional Science*, 1965; R. J. Chorley and W. M. Haggett, *Geography: A Modern Synthesis*, 1967.

For M.Sc. (Econ) Part I and B.Sc. (Econ) Part II. This course is designed to provide a broad introduction to the study of human geography. It covers the distribution of population, the spatial organization of economic activities, and the impact of human activities on the environment.

Recommended reading: H. H. Hobart, *Human Geography*, 2nd ed., 1966; J. H. Stoddart, *Human Geography*, 1969; R. J. Chorley and W. M. Haggett, *Location Theory and Regional Science*, 1965; R. J. Chorley and W. M. Haggett, *Geography: A Modern Synthesis*, 1967.

There are three B.Sc. Honours degrees in Geography at the London School of Economics and at King's College, London. The degrees are awarded with honours, and students are taught in residential halls at both colleges. However, the introduction of college honours in the U.K. has meant the introduction of a new degree structure. All students should now apply for a specific degree programme.

Geography

COURSES FOR B.Sc. (ECON) PART II

183 Theory and Techniques of Spatial Analysis

Mr. Gifford. Mr. Gifford and Dr. G. H. Meade. Forty-four lectures, Lent Term.

For B.Sc. (Econ) Part II and B.Sc. (Econ) Part III. This course is designed to provide a broad introduction to the study of human geography. It covers the distribution of population, the spatial organization of economic activities, and the impact of human activities on the environment.

Recommended reading: H. H. Hobart, *Human Geography*, 2nd ed., 1966; J. H. Stoddart, *Human Geography*, 1969; R. J. Chorley and W. M. Haggett, *Location Theory and Regional Science*, 1965; R. J. Chorley and W. M. Haggett, *Geography: A Modern Synthesis*, 1967.

For M.Sc. (Econ) Part II and B.Sc. (Econ) Part III. This course is designed to provide a broad introduction to the study of human geography. It covers the distribution of population, the spatial organization of economic activities, and the impact of human activities on the environment.

Recommended reading: H. H. Hobart, *Human Geography*, 2nd ed., 1966; J. H. Stoddart, *Human Geography*, 1969; R. J. Chorley and W. M. Haggett, *Location Theory and Regional Science*, 1965; R. J. Chorley and W. M. Haggett, *Geography: A Modern Synthesis*, 1967.

Geography

Courses are given in the Joint School of Economics and at King's College, London. Academic arrangements are integrated and, in most courses, students are taught in common by teachers of both colleges. However, the introduction of college syllabuses for the B.Sc. has meant the introduction of separate teaching provision for part of this degree and has involved some re-arrangement of courses for other degrees. All students should take care to identify the courses needed to complete their specific degree requirements.

COURSES FOR B.Sc. (ECON.) PART I

182 Introduction to Human Geography

Professor Wise and Professor Jones. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. 1st yr., Stats. 1st yr., Comp. 1st yr., Soc., Soc. Anth. 1st yr., Soc. Psych. 1st and 2nd yrs.

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 P. Ambrose, *Analytical Human Geography*; R. Arvill, *Man and Environment*; W. Bunge, *Theoretical Geography*; M. Chisholm, *Rural Settlement and Land Use*; M. Chisholm, *Geography and Economics*; R. J. Chorley and P. Haggett (Eds.), *Socio-Economic Models in Geography*; J. I. Clarke, *Population Geography*; R. E. Dickinson, *City and Region*; R. E. Dickinson, *Regional Ecology*;

R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography*; P. Haggett, *Geography: a Modern Synthesis*; P. Haggett, *Locational Analysis in Human Geography*; J. H. Johnson, *Urban Geography*; R. Minshull, *The Changing Nature of Geography*; R. L. Morrill, *The Spatial Organisation of Society*; J. H. Paterson, *Land, Work and Resources*; W. Zelinsky, *A Prologue to Population Geography*.

182(a) Geography Class Dr Hamilton and others.

183 Theory and Techniques of Spatial Analysis

Mr Goddard, Mr Spence and Dr Thornes. Forty-four classes of two hours, Sessional.

For B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II. Compulsory for B.Sc. c.u. main field Geog. 1st yr.

Syllabus An introduction to theoretical and quantitative geography: the spatial organisation of society: quantitative approaches to the analysis of urban and regional systems, including statistical and mapping techniques.

Recommended reading B. J. L. Berry and D. F. Marble, *Spatial Analysis: a Reader in Statistical Geography*; P. Haggett, *Locational Analysis in Human Geography*; R. J. Chorley and P. Haggett, *Models in Geography*; R. Abler, J. S. Adams and P. Gould, *Spatial Organisation*; R. Morrill, *The Spatial Organisation of Society*; J. C. Doornkamp and C. King, *Numerical Analysis in Geomorphology*; M. R. Spiegel, *Theory and Problems of Statistics*; L. J. King, *Statistical Analysis in Geography*.

COURSES FOR B.Sc. AND B.Sc. (ECON.) PART II

Note Students reading for B.Sc. are required to attend three field classes, one in each year of their course. Students reading Geography as a special subject in Part II of the B.Sc. (Econ.) are required

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to undertake field studies. A field course is arranged during the Easter vacation of the second year. A further field course, or other appropriate field work, will be undertaken during the third year.

184 Physical Geography

Dr Brunsdon, Mr Drewett, Mr D. K. C. Jones, Dr M. Jones and Dr F. Rose. Sessional.

Compulsory for B.Sc. c.u. main field Geog. 1st yr.

Syllabus The course is concerned with landforms, weather and climate, and vegetation and soils. Basic principles, concepts and relationships between the different fields of physical geography are stressed. Three introductory lectures discuss scale, time and systems in physical geography, and are followed by:

I Landforms

Syllabus Energy sources, forces and resistances in geomorphological systems. Global tectonics, mountain building and sea-level change. The nature of water and sediment transfers. The importance of climate, time, frequency and magnitude of events and climatic change on landform evolution.

Recommended reading M. Morisawa, *Streams*; A. Holmes, *Principles of Physical Geography*; W. D. Thornbury, *Principles of Geomorphology*; B. W. Sparks, *Rocks and Relief*; A. L. Bloom, *The Surface of the Earth*; M. Carson and M. A. Kirkby, *Hillslope Form and Process*, Chs. 1-4; R. J. Chorley and P. Kennedy, *Physical Geography, a systems approach*; R. J. Chorley, *Water, Earth and Man*; J. T. Wilson, *Continents Adrift*.

II Meteorology and Climatology

Syllabus The atmosphere, its heat and moisture balance, global circulation, air masses and weather systems, micro-climate.

Recommended reading G. T. Trewartha, *An Introduction to Climate*; H. Riehl, *Introduction to the Atmosphere*; G. T. Trewartha, *The Earth's Problem Climates*; R. G. Barry and R. J. Chorley,

Atmosphere, Weather and Climate; H.M.S.O., *A Course in Elementary Meteorology*.

III Biogeography

Syllabus Biological history of the earth, ecosystems, world vegetation and soils, water ecosystems, pollution and conservation.

Recommended reading R. L. Donahue, *Soils*; C. S. Elton, *Animal Ecology* (1966 reprint); S. R. Eyre, *Vegetation and Soils*; J. R. Matthews, *Origin and Distribution of the British Flora*; E. P. Odum, *Ecology* (Modern Biology Series); *Fundamentals of Ecology* (1968); A. G. Tansley, *Britain's Green Mantle* (1968).

185 Man and his Physical Environment

Dr Thornes, Mr D. K. C. Jones and Mrs Rees. Forty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus A survey of the interaction between societies and the physical environment, including problems of pollution, conservation and resources. Emphasis will be laid upon ecological, economic and control systems approaches to problems of environmental pressure and 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*; R. J. Chorley and B. A. Kennedy, *Physical Geography: a Systems Approach*; A. Kneese and B. T. Bower, *Managing Water Quality*.

186 Human Geography

Professor Morgan and others. Forty-six lectures, Sessional.

Compulsory for B.Sc. c.u. main field Geog. 1st yr.

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Syllabus An introduction to the field of human geography including a general study of the evolving relationship between man and his physical environment. Emphasis will be laid on modern approaches to locational analysis.

Recommended reading R. Arvill, *Man and Environment*; A. Barnett, *The Human Species*; A. M. Bates, *Man in Nature*; E. Boserup, *The Conditions of Agricultural Growth*; A. M. Carr-Saunders, *World Population*; M. Chisholm, *Rural Settlement and Land Use*; J. I. Clarke, *Population Geography*; C. D. Forde, *Habitat, Economy and Society*; P. Haggett, *Locational Analysis in Human Geography*; E. Jones, *Human Geography*; P. L. Wagner, *The Human Use of the Earth*; J. H. Johnson, *Urban Geography*; R. S. Thomas, E. C. Conkling and M. H. Yeates, *The Geography of Economic Activity, 1968*; R. L. Morrill, *The Spatial Organisation of Society*; W. B. Morgan and E. Munton, *Agricultural Geography*; E. Hoover, *Location of Economic Activity*; R. Abler, P. R. Gould and M. Adams, *Spatial Organisation: the Geographer's view of the world*; P. Ambrose, *Analytical Human Geography*.

Note for Theory and Techniques of Spatial Analysis see course 183.

187 Applied Spatial Analysis

Mr Goddard. Sessional.

For B.Sc. c.u. main fields Geog. 2nd yr., Maths.; B.Sc. (Econ.) Part II.

Syllabus The practical application of quantitative methods of analysis, using the computer, to specific problems in urban, economic and social geography. The description of spatial patterns (points, lines and surfaces); the measurement of spatial associations; methods of classification and regionalisation; calibration of spatial models and the use of computer simulation techniques.

Recommended reading B. J. L. Berry and D. F. Marble, *Spatial Analysis: A Reader in Statistical Geography*; L. J. King, *Statistical Analysis in Geography*.

188 Economic and Regional Geography of the British Isles

Professor Wise and others. Forty lectures and classes, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Geog. 2nd yr.

Syllabus 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*; A. E. Trueman, *The Scenery of England and Wales*; U.K. Geological Survey and Museum, *British Regional Geology*; L. D. Stamp, *The Land of Britain: Its Use and Misuse*; Land Utilisation Survey of Britain, *The Land of Britain*; Wilfred Smith, *An Economic Geography of Great Britain*; T. W. Freeman, *Ireland*; 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*; Ministry of Power, *Fuel Policy 1967*; J. T. Coppock and H. Prince (Eds.), *Greater London*; K. M. Clayton (Ed.), *Guide to London Excursions*; J. T. Coppock, *An Agricultural Atlas of England and Wales*; Clarendon Press, *Atlas of Britain*; E. Jones and D. J. Sinclair, *The Atlas of London* (1968); British Railways Board, *The Development of the Major Trunk Routes*; Ministry of Transport, *Roads for the Future*; Board of Trade, *The Movement of Manufacturing Industry in the U.K., 1945-65*; M. Chisholm and G. Manners (Eds.), *Spatial Policy Problems of the British Economy*; G. McCrone, *Regional Policy in Britain*.

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189 Africa I (General)

Professor Harrison Church and Professor Morgan. Twenty-five lectures, Sessional.

For B.Sc. c.u. main field Geog. 2nd yr.

Syllabus A study of the physical environment and of the distribution of man and his economic activities, especially of Tropical Africa. Treatment will be by topics and by countries.

Recommended reading W. A. Hance, *The Geography of Modern Africa*; R. J. Harrison Church and others, *Africa and the Islands*; A. B. Mountjoy and C. Embleton, *Africa*; B. W. Hodder and D. R. Harris, *Africa in Transition*; R. Mansell Prothero (Ed.), *A Geography of Africa*; M. F. Thomas and G. W. Whittington, *Environment and Land Use in Africa*; A. M. Kamarck, *The Economics of African Development*; Oxford University, *Regional Economic Atlas of Africa*; P. Bohannan, *African Outline*; L. P. Green and T. J. D. Fair, *Development in Africa*.

190 Africa II (West Africa)

Professor Morgan. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II. (Students take this course or course 191); M.A. (Area Studies); M.Sc.

Syllabus A detailed study of West Africa, more especially of the spatial structure of its economy.

Recommended reading R. J. Harrison Church, *West Africa*; K. B. Dickson, *A Historical Geography of Ghana*; W. B. Morgan and J. C. Pugh, *West Africa*; H. P. White and M. B. Gleave, *An Economic Geography of West Africa*; P. R. Gould, *The Development of the Transportation Pattern in Ghana*; B. F. Johnston, *The Staple Food Economies of Western Tropical Africa*; H. Kuper, *Urbanization and Migration in West Africa*; A. Mabogunje, *Urbanisation in Nigeria*.

191 Spatial Policy Problems in South Africa

Dr Board. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II. (Students take this course or course 190.)

Syllabus An examination of South Africa's space economy and of the processes of regional development in the context of national and international policies.

Recommended reading L. P. Green and T. J. D. Fair, *Development in Africa: A Study in Regional Analysis with Special Reference to Southern Africa*; South Africa, Department of Planning, *Development Atlas*; J. Friedmann, *Regional Development Policy*.

192 Europe I

Dr Hamilton and Mr Sinclair. Twenty lectures and five seminars, Sessional.

For B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus The geography of Europe, including examples from the British Isles and the European U.S.S.R. Macro-regional units, their similarities and contrasts. Man and environment, resource use and deficiencies. Economic, demographic, social and political change in modern times. Regional growth strategies and planning, agricultural modernisation. Spatial trends in industrialisation. Processes and patterns of urbanisation.

Recommended reading E. C. Marchant (Ed.), *The Countries of Europe as Seen by their Geographers*; G. W. Hoffman (Ed.), *A Geography of Europe*; A. Sømme (Ed.), *A Geography of Norden*; S. Barzanti, *The Underdeveloped Areas within the Common Market*; A. Emmanuel (Ed.), *The Regional Factor in Economic Development*; J. R. Boudeville, *Problems of Regional Economic Planning*; J. T. Connor and W. L. Batt (Eds.), *Area Redevelopment Policies in Britain and the Countries of the Common Market*; O.E.C.D., *Structural Reform Methods in Agriculture*; R. Desclotres, *The Foreign Worker*; G. Schachter, *The Italian South*; O. Vanneste,

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The Growth Pole Concept and Regional Economic Policy; Commission des Communautés Européennes, *Bulletin, Les Régions dans l'Europe*.

193 Europe II

(i) Western Europe

Dr Yates, Mr Sinclair and Dr J. E. Martin. Twenty lectures and five seminars, Sessional.

For B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II.

Syllabus The contemporary geography of Western Europe viewed in an evolutionary, regional context. The physical, social and economic attributes of the 'new' Europe; the regional impact of political and economic integration. E.E.C. and E.F.T.A. Special studies of selected areas and problems chosen to exemplify major themes in the relationship between west European society and its environment.

Recommended reading C. T. Smith, *An Historical Geography of Western Europe*; G. Parker, *The Logic of Unity: An Economic Geography of the Common Market*; N. M. Hansen, *French Regional Planning*; I. B. Thompson, *Modern France: A Social and Economic Geography*; P. Pinchemel, *France: A Geographical Survey*; Institut d'Etudes Européennes, *Les Régions frontalières à l'heure du Marche commun*; Et. Juillard, *L'Europe Rhénane*; Ll. Saville, *Regional Economic Development in Italy*; A. Emanuel (Ed.), *The Regional Factor in Economic Development*.

193(ii) Eastern Europe

Dr Hamilton. Twenty-five lectures, Sessional.

For B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II.

Syllabus The political, social and economic legacies of history in Eastern Europe examined as a background to the analysis of national and regional planning for economic development and social progress. Planning organisation,

resource use, location criteria and production characteristics are considered as major themes.

Recommended reading G. W. Hoffman (Ed.), *Eastern Europe: Essays in Geographical Problems*; R. H. Osborne, *East-Central Europe: A Geographical Introduction to Seven Socialist States*; F. E. I. Hamilton, *Yugoslavia: Patterns of Economic Activity*; N. J. G. Pounds, *Eastern Europe*.

194 The Soviet Union

Dr Hamilton. Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Geog. 3rd yr.

Recommended reading J. P. Cole and F. C. German, *A Geography of the U.S.S.R.*; S. Balzak, F. Vasyutin and Ya. Feigin, *Economic Geography of the U.S.S.R.*; W. G. East, *The Soviet Union*; M. R. Shackleton, *Europe: A Regional Geography* (7th edn., Ed. W. G. East); D. J. M. Hooson, *The Soviet Union: A Regional Geography*.

195 Monsoon Asia

Mr Rawson. Twenty-five lectures, Sessional. This course will not be given in 1974-75.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus Studies of environment and society in the countries from West Pakistan to Manchuria, inclusive. Treatment will be on a country and topic basis, with more detailed study of selected regions; some work on large-scale maps will be included.

Recommended reading W. G. East and O. H. K. Spate (Eds.), *The Changing Map of Asia*; L. D. Stamp, *Asia*; O. H. K. Spate, *India and Pakistan*; F. R. Frankel, *India's Green Revolution*; E. H. G. Dobby, *South East Asia*; J. E. Spencer, *Asia East by South*; G. B. Cressey, *Land of the 500 Million, A Geography of China*; O. Lattimore, *Inner Asian Frontiers of China*; G. T. Trewartha, *Japan*; E. A. Ackerman, *Japan's Natural Resources*; A. Pim, *Colonial Agricultural Production*; B. H. Farmer, *Pioneer Peasant Coloniza-*

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tion in Ceylon; R. R. Rawson, *The Monsoon Lands of Asia*; B. W. Hodder, *Man in Malaya*; C. A. Fisher, *South-east Asia*; D. W. Fryer, *Emerging Southeast Asia*; P. P. Courtenay, *A Geography of Trade and Development in Malaya*; H. C. Hart, *New India's Rivers*; N. Ahmad, *The Economic Geography of East Pakistan*. Other literature will be suggested during the course.

196 North America I: Geographical Patterns of Resources and Economic Development

Dr Estall and Dr K. R. Sealy. Twenty lectures and classes, Michaelmas Term.

For B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus A systematic review of the changing physical and human resources of the continent; an analysis of developments in leading sectors of the economy, and of the geographical implications of government activity.

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*; D. J. Patton, *The United States and World Resources*; E. Higbee, *American Agriculture*; N. M. Hansen, *Rural Poverty and the Urban Crisis*; C. M. Green, *The Rise of Urban America*; S. B. Cohen (Ed.), *Problems and Trends in American Geography*; J. H. Cumberland, *Regional Development, Experiences and Prospects in the United States*.

197 North America II: Regional Studies of Economic Growth and Change

Dr Estall and Dr K. R. Sealy. Twenty lectures and classes, Lent Term.

For B.Sc. c.u. main field Geog. 2nd or 3rd yr.; B.Sc. (Econ.) Part II.

Syllabus A broad review of regional disparities in economic structure and performance and some theoretical explanations thereof. A detailed analysis of the 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*; W. R. Mead and E. H. Brown, *The United States and Canada*; G. H. Dury and R. Mathieson, *The United States and Canada*; Special studies: R. C. Estall, *New England, A Study in Industrial Adjustment*; J. R. Ford (Ed.), *The Southern Appalachian Region: A Survey*; J. F. Hart, *The Southern United States*; L. M. Alexander, *The North Eastern United States*; J. Gottman, *Megalopolis*; J. H. Garland (Ed.), *The North American Midwest*; J. H. Cumberland, *Regional Development, Experiences and Prospects in the United States of America*; N. M. Hansen, *Rural Poverty and the Urban Crisis*; R. H. Durrenberger, *California: The Last Frontier*. Some background to modern patterns and problems can be obtained from B. E. Supple (Ed.), *The Experience of Economic Growth*, part IV; H. F. Williamson (Ed.), *The Growth of the American Economy*, part V; A. Birnie, *A Short Economic History of the United States*. For Canada: see P. Carnu, 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*.

198 Geomorphology I

Dr Brunsdon, Dr Embleton, Mr D. K. C. Jones and Dr Thornes. Forty-five lectures, Sessional.

For B.Sc. c.u. main field Geog. 2nd or 3rd 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 field work.

Geography

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 and Periglacial Geomorphology*; C. A. M. King, *Beaches and Coasts*; D. Carroll, *Rock Weathering of the Silicate Minerals*; A. Young, *Slopes*.

199 Geomorphology II

Dr Embleton and Mr D. K. C. Jones. Twenty-five lectures, Sessional.

For 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 will 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*.

200 Geomorphology III

Dr Brunsdon and Dr Thornes. Twenty-five lectures, Sessional.

For B.Sc. c.u. main field Geog. 3rd yr.

Syllabus Major 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. Schedegger, *Theoretical Geomorphology*; D. F. Harbaugh and F. Bonham-Carter, *Computer Simulation in Geology*.

201 Meteorology and Climatology

Twenty-five lectures, Sessional. An intercollegiate course. At University College.

For B.Sc. c.u. main field Geog. 2nd yr.

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*.

201(a) Meteorology and Climatology (Classes)

In conjunction with Course 201.

202 Climatic Change

Dr M. Jones. Twenty lectures, Michaelmas and Lent Terms. An intercollegiate course.

For 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 Paleoclimatology*.

202(a) Climatic Change (Classes)

In conjunction with Course 202.

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.

203 Economic Geography

Dr Hamilton, Mrs Rees and Mr Frost. Thirty lectures and Ten classes, Sessional.

For B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II.

Geography

Syllabus An introduction to the nature, scope and methods of economic geography; traditional and behavioural models and theories of the location of economic activities; the geographical implications of business organisation and government policy; regional economic growth and development.

Recommended reading R. Dorfman, *Prices and Markets*; R. H. T. Smith, E. J. Taaffe and L. J. King, *Readings in Economic Geography*; G. J. Karaska and D. F. Bramhall, *Locational Analysis for Manufacturing*; H. H. McCarty and J. B. Lindberg, *A Preface to Economic Geography*; M. Chisholm, *Geography and Economics*; H. Boesch, *A Geography of World Economy*; H. L. Barnett and C. Morse, *Scarcity and Growth*; M. Yeats, *An Introduction to Quantitative Economic Geography*; R. J. Chorley and P. Haggett, (Eds.), *Socio-Economic Models in Geography*.

204(i) Economic Geography: I

Mrs Rees. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Geog. 3rd yr.

Syllabus The nature of resources. Economic and actual methods of allocating and exploiting scarce resources. Role of government in resource allocation. Natural resources and economic growth. The geography and economics of water resources. The geography of energy and of mineral production. Allocation or conservation?

Recommended reading M. Chisholm, *Geography and Economics*; I. Burton and R. W. Kates, *Readings in Resource Management*; H. Boesch, *A Geography of World Economy*; H. L. Barnett and C. Morse, *Scarcity and Growth*; N. G. Ginsburg, *Essays in Geography and Economic Development*; P. R. Odell, *An Economic Geography of Oil*; P. R. Odell, *Oil and World Power*; E. S. Simpson, *Coal and the Power Industries in Postwar Britain*; G. Manners, *The Geography of Energy*; H. H. McCarty and J. B. Lindberg, *A Preface to Economic Geography*; J. Rees, *Industrial Demand for Water*; J. Hirshleifer et al., *Water Supply: Economics, Technology and Policy*;

Institution of Civil Engineers, *Conservation of Water Resources in the United Kingdom*.

204(i)(a) Economic Geography: I (Class)

Mrs Rees. Eight classes, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Geog. 3rd yr.

204(ii) Economic Geography: II

Mr Sinclair and Professor Morgan. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Geog. 3rd yr.

Syllabus Concepts and methods in the geography of agriculture. The evolution, location and structure of systems of commercial agriculture.

Recommended reading L. Symons, *Agricultural Geography*; A. N. Duckham, *The Fabric of Farming*; M. Chisholm, *Rural Settlement and Land Use*; J. W. Alexander, *Economic Geography*; R. Dumont, *Types of Rural Economy*; A. Martin, *Economics and Agriculture*; S. H. Franklin, *The European Peasantry*; K. Dexter and D. Barber, *Farming for Profits*; H. F. Gregor, *Geography of Agriculture: Themes in Research*; E. Isaac, *Geography of Domestication*; W. B. Morgan and R. J. C. Munton, *Agricultural Geography*.

204(ii)(a) Economic Geography: II (Class)

Eight classes, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Geog. 3rd yr.

205 Economic Geography: III

Dr J. E. Martin, Dr Estall and Dr K. R. Sealy. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Geog. 3rd yr.

Syllabus The location of economic activity. The economic geography of

Geography

industry. Industrial complexes. The elements of the geography of transport.

Recommended reading E. M. Hoover, *The Location of Economic Activity*; R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography*; D. M. Smith, *Industrial Location, An Economic Geographical Analysis*; P. Haggett, *Locational Analysis in Human Geography*; D. W. Fryer, *World Economic Development*; J. W. Alexander, *Economic Geography*; U.S. Department of Commerce, National Resources Planning Board, *Industrial Location and National Resources*; G. Alexandersson, *Geography of Manufacturing*; G. J. Karaska and D. F. Bramhall, *Locational Analysis for Manufacturing: A Selection of Readings*; H. H. McCarty and J. B. Lindberg, *A Preface to Economic Geography*; M. Chisholm and G. Manners (Eds.), *Spatial Policy Problems of the British Economy*; F. E. I. Hamilton, *Models of Industrial Location* in R. J. Chorley and P. Haggett (Eds.), *Models in Geography*; C. D. Foster, *The Transport Problem*; British Railways Board, *The Reshaping of British Railways* (Beeching Report); British Railways Board, *The Development of the Major Railway Trunk Routes*, 1965; U.K. Ministry of Transport, *Traffic in Towns* (Buchanan Report); K. R. Sealy, *The Geography of Air Transport*; Ministry of Transport, *Traffic for Industry*.

205(a) Economic Geography: III (Class)

Dr J. E. Martin and others. Eight classes, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II.

206 Economic Geography: IV

Professor Rawstron and others. Sessional. An intercollegiate course. At University College.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Geog. in connection with Economic Geography 2nd or 3rd yr.

207 Urban and Social Geography

Professor Jones and Dr B. S. Morgan and others.

(i) Social Geography

Twenty lectures, Michaelmas and Lent Terms.

(ii) Urban Geography

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus Origins, growth and processes of urbanisation. Differentiation of city space related to function and society. The city in its external spatial and cultural relations. Spatial aspects of communities. The processes and patterns of social activities studied in terms of social space.

Recommended reading B. Berry and F. E. Horton, *Geographical Perspectives on Urban Systems*; G. Breese, *Urbanisation in Newly Developing Countries*; H. Carter, *Urban Geography*; B. Coates and E. Rawstron, *Regional Variations in Britain*; R. E. Dickinson, *City and Region*; R. Frankenburg, *Communities in Britain*; H. J. Ganns, *People and Places*; D. T. Herbert, *Urban Geography from the Social Aspect*; R. J. Johnston, *Urban Residential Patterns*; E. Jones, *Social Geography of Belfast*; R. Phal, *Patterns of Urban Life*; L. Reissmann, *The Urban Process*; A. J. Reiss and P. K. Hatt, *Cities and Society*; G. Sjöberg, *The Pre-Industrial City*; D. Sophier, *Geography of Religion*; W. C. Timms, *The Urban Mosaic*; W. Zelinsky, *Prologue to Population Geography*.

208 Urban and Regional Systems

Mr Drewett, Mr Goddard and Mr Spence. Forty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Geog. and Maths. 3rd yr.; B.Sc. (Econ.) Part II.

Syllabus The theoretical and technical aspects of the analysis of urban and regional systems. Use of developmental, interaction, decision-making and evaluation models in a planning context.

Geography

Recommended reading B. J. L. Berry and F. E. Horton, *Geographic Perspectives on Urban Systems*; G. Chadwick, *A Systems View of Planning*; M. Chisholm, A. E. Frey and P. Haggett (Eds.), *Regional Forecasting*; R. J. Chorley and P. Haggett (Eds.), *Models in Geography*; J. Friedmann and W. Alonso (Eds.), *Regional Development and Planning: A Reader*; P. Haggett, *Locational Analysis in Human Geography*; 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*; W. R. Thompson, *A Preface to Urban Economics*; A. G. Wilson, *Entropy in Urban and Regional Modelling*.

209 Geography of Rural Settlement

Twenty-five lectures, Sessional.
An intercollegiate course. At Queen Mary College.

For B.Sc. c.u. main field Geog. 2nd or 3rd yr.

210 Historical Geography: British Isles

Dr Lambert. Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus The historical geography of the British Isles (with special reference to England) from prehistoric times to the industrial revolution, illustrating the concepts, techniques and methods currently employed in the study of the subject.

Recommended reading H. C. Darby, (Ed.), *An 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. Loyn, *Anglo-Saxon England and the Norman Conquest*; J. Thirsk, *English Peasant Farming*; E. Kerridge, *The Agricultural Revolution*; Sir John Clapham, *The Early Railway Age*.

210(a) Historical Geography (Class)

Dr Lambert. Twenty classes, Michaelmas and Lent Terms.

211 Historical Geography: Western and Central Europe

Dr Lambert. Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Geog. 2nd or 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; the geographical significance of political and administrative divisions.

Recommended reading W. G. East, *An Historical Geography of Europe; The Geography behind History*; C. T. Smith, *Historical Geography of Western Europe*; E. A. Freeman, *The Historical Geography of Europe; Cambridge Economic History of Europe*, Vol. I, especially chaps. 1, 2, 3, 6 and 8; *Cambridge Medieval History of Europe*, Vol. I, chap. 13; Vol. V, chap 5; Vol. VI, chaps. 14 and 15; Vol. VII, chaps. 8, 9 and 24; W. L. Thomas (Ed.), *Man's Role in Changing the Face of the Earth*; J. H. Clapham, *The Economic Development of France and Germany*; B. H. Slicher van Bath, *The Agrarian History of Western Europe, A.D. 500-1850*; A. M. Lambert, *The Making of the Dutch Landscape*.

212 Biogeography: I

Dr Rose and Dr Yates. An intercollegiate course. At King's College.

For B.Sc. c.u. main field Geog. 2nd yr.

Note Two field weekends are a compulsory part of the course.

213 Biogeography: II

Dr Rose and Dr Yates. An intercollegiate course. At King's College.

For B.Sc. c.u. main field Geog. 3rd yr.

Geography

Note Attendance at the vacation field class in Bio-geography is a compulsory part of the course. If this course is taken in the third year, the field course must be taken in the previous summer. An individual field study has to be presented in the form of a written report which counts towards the examination.

214 Geography and Planning

Professor Logan and Mr Diamond. Michaelmas and Lent Terms. An intercollegiate course.

For B.Sc. (Econ.) Part II, B.Sc. c.u. main field Geog. 3rd yr.; M.Sc.

Syllabus A study of the way in which, and 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*; D. Senior (Ed.), *The Regional City*; J. H. Tetlow and A. Goss, *Homes, Towns and Traffic*; P. G. Hall, *Theory and Practice of Regional Planning*; G. McCrone, *Regional Policy in Britain*. References to official planning studies and to the periodical literature will be given during the course.

215 Political Geography: I

Mrs Toledano. Sessional.

For B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus A general study of the interaction between geographical factors and the state, including such aspects as territorial organization and expansion, demographic considerations and strategic factors.

Recommended reading N. J. G. Pounds, *Political Geography*; J. R. V. Prescott, *The Geography of State Policies*; H. J. De Blij, *Systematic Political Geography*; C. A. Fisher (Ed.), *Essays in Political Geography*; W. A. D. Jackson, *Politics and Geographic Relationships*. Periodical and other literature will be suggested during the course.

216 Political Geography: II The Political Geography of West Africa

Professor Harrison Church. Sessional.

For B.Sc. c.u. main field Geog. 3rd yr.; M.Sc. European Studies. Open to other students by agreement.

217 Latin America I: Pre-Industrial Societies

Miss Newson. Sessional.

For B.Sc. c.u. main field Geog. 2nd or 3rd yr.; B.Sc. (Econ.) Part II.

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*.

218 Latin America II: Industrial Societies

Miss Newson. Twenty-five lectures, Sessional.

For B.Sc. c.u. main field Geog. 3rd yr. Optional for B.Sc. (Econ.) II.

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.

Geography

Recommended reading H. Blakemore and C. T. Smith, *Latin America: Geographical Perspectives*; 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*; 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*.

219 Philosophy, Methodology and Explanation in Geography

Mr Drewett and Mr Spence.
Michaelmas and Lent Terms.

For B.Sc. c.u. main field Geog. 3rd yr.; graduate students by permission.

Syllabus Scientific explanation through inductive and deductive reasoning. The structure of scientific hypotheses and the development of theories and laws. The use of models, systems and model languages for geographic explanation. Evaluation of methodology and levels of explanation in geography. Elaboration of specific philosophies and methods in geography.

Recommended reading H. M. Blalock, *Causal Inferences in Non-Experimental Research*; F. E. Emery (Ed.), *Systems Thinking*; T. S. Kuhn, *The Structure of Scientific Revolutions*; 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 in the Nature of Geography*; D. Harvey, *Explanation in Geography*; L. J. King, *Statistical Analysis in Geography*.

Economics and Geography of Transport

Note Students are referred to Courses 52 and 52a.

FOR GRADUATE STUDENTS

Note Courses 228–241, 244 and 247 are intended primarily for students reading Geography for M.Sc. All M.Sc. students should consult their advisers in selecting courses which meet the specific requirements of their degree syllabus.

228 Modern Geographical Thought and Practice

Professor Jones, Dr Board and others. Michaelmas and Lent Terms

Also for M.Sc. in Regional and Urban Planning Studies.

A course of lectures and discussions in methodology.

Recommended reading P. English and R. E. Mayfield (Eds.), *Man, Space and environment*; W. K. D. Davies (Ed.), *The conceptual revolution in Geography*.

229 Quantitative Methods in Geography

Mr Goddard and Mr Spence.
Sessional.

Also for M.Phil. and Ph.D. students by permission.

Syllabus Spatial probability models, sampling and statistical inference, correlation and regression, factor analytic models, taxonomic procedures, spatial series, canonical models.

Recommended reading L. J. King, *Statistical Analysis in Geography*.

230 Geography of Industry

Dr J. E. Martin. Sessional.

Syllabus Industrial linkage, subcontracting and geographical association of industries; economies of agglomeration. Industrial cities and regions; intrametropolitan location; the economic base and inter-regional flows. Empirical studies of industrial location and movement: methods of research, sources and problems. Location decision making and

Geography

location theory. Transportation, freight rates and comparative costs in the geography of industry.

Recommended reading D. M. Smith, *Industrial Location: an Economic Geographical Analysis*; A. Pred, *Spatial Dynamics of U.S. Urban-Industrial Growth, 1800–1914*; P. A. Groves, *Towards a Typology of Intrametropolitan Manufacturing Location*; E. L. Ullman, M. F. Dacey and H. Brodsky, *The Economic Base of American Cities*; S.E. Joint Planning Team, *Strategic Plan for the South East*, Studies, Vols. 1 and 5; W. F. Luttrell, *Factory Location and Industrial Movement*; M. L. Greenhut and M. R. Colberg, *Factors in the Location of Florida Industry*; D. L. McKee, R. D. Dean and W. H. Leahy, *Regional Economics*.

231 Transport Studies

Dr K. R. Sealy.

Students are advised to take Course 52 Economics of Transport, if they have not already done so.

Syllabus Characteristics and analysis of transport networks, aspects of market research, transport planning with particular reference to road and air transport. Where possible, practical work will be set in association with this course.

Recommended reading General references: C. D. Foster, *The Transport Problem*; K. M. Gwilliam, *Transport and Public Policy*; J. H. Tetlow and A. Goss, *Homes, Towns and Traffic*; D. J. Reynolds, *Economics, Town Planning and Traffic*; J. R. Meyer, J. F. Kain and M. Wohl, *The Urban Transportation Problem*; D. St. J. Thomas, *The Rural Transport Problem*; K. R. Sealy, *The Geography of Air Transport* (2nd edn.); A. Rosenberg, *Air Travel within Europe*; B. T. Bayliss, *European Transport*; B. T. Bayliss and S. L. Edwards, *Transport for Industry* (H.M.S.O.); M. Peters, *International Tourism*; K. Kansky, *Structure of Transportation Networks*; Department of Geography, University of Chicago, *Research Paper* 54, 1963; P. Haggett and R. J. Chorley, *Network Analysis in Geography*.

232 Resource Management and Utilisation

Mrs Rees. Sessional.

Syllabus Economic methods of resource allocation, pricing systems, investment appraisal, cost-benefit analysis. Real world methods used to allocate land, water, fuels and minerals between competing uses. The distribution of resources that results. Conservation *versus* management. Environmental quality problems.

233 Urban Geography

Professor E. Jones. Sessional.

Syllabus Urban origins, growth and the process of urbanisation. Theories of differentiation within cities, relating to function and society.

234 The Geography of Agriculture

Mr Sinclair. Sessional.

Syllabus Environmental studies of subsistence and commercial agriculture. The role and status of agriculture in economic development, and the analysis of changes in the structure of agricultural activity.

235 Problems of Rural Development

Mr Sinclair. Sessional.

Syllabus The course of rural transition in Western Europe during the 20th century, especially since 1950. Changes in rural society and in the status and structure of agriculture. The impact of urban expansion on the rural economy. Economic growth and the countryside. Agricultural policy and rural planning in the European Community.

236 Social Geography of Southern Africa

Dr Board. Sessional.

Also for M.A. (Area Studies) Africa.

Syllabus Cultural, ethnic and political factors in the changing distribution of population in South Africa and neighbouring countries.

Recommended reading H. Adam (Ed.),

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South Africa Sociological Perspectives; M. Horrell, *The African Reserves of South Africa*; L. Kuper, H. Watts and R. J. Davies, *Durban: a Study in Racial Ecology*.

237 Geography of West Africa

Professor Morgan. Sessional.

Syllabus The economic and social geography of West Africa with particular reference to problems of site and location in selected regions and countries.

238 The Spatial Structure of the South African Economy

Dr Board, Michaelmas and Lent Terms.

Syllabus Stages of economic development and their spatial manifestation, socio-economic regionalisation, nodal regions and their integration in development regions.

Recommended reading J. R. P. Friedmann, *Regional Development Policy*; T. Bell, *Industrial Decentralisation in South Africa*; L. P. McCrystal, *City, Town or Country*.

239 Regional Problems in the United States

Dr Estall.

Syllabus An analysis of the processes of industrial change and of the regional problems arising therefrom. The role of government as an agent of geographic change.

240 The Spatial Structure of the Communist World

Dr Hamilton. Sessional.

The course examines selected aspects of the spatial planning, spatial analysis and spatial interaction of economic and social patterns and change in the countries of the Communist World.

241 Concepts and Methods of Geomorphology

Dr Brunsdon and Dr Thornes. Twenty-four lectures and classes.

242 Geographical Research Seminar

Mr Spence and Mr Drewett. Sessional.

For all graduate students in the department.

A series of lectures and discussions presented by invited speakers, reflecting the broad spectrum of current geographical and planning research.

M.Sc. REGIONAL AND URBAN PLANNING STUDIES

243 Regional and Urban Planning Problems (Seminar)

Professor Day, Professor Self and Mr Diamond. An interdepartmental seminar, Summer Term.

244 Geographical Concepts in Regional and Urban Planning (Seminar)

Professor Logan and Mr Diamond. Michaelmas and Lent Terms.

Also for M.Sc. in Geography.

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*; G. Chadwick, *A Systems View of Planning*; F. S. Chapin, *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 Development and Planning*; J. P. Gibbs, *Urban Research Methods*; P. Haggett, *Locational Analysis in Human Geography*; 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*.

Other references will be given during the course.

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245 Quantitative Methods in Regional and Urban Planning Studies

Mr Frost, Michaelmas Term.

246 Aspects of Metropolitan Planning

Dr Eversley. Lent Term.

247 Urban Systems (Graduate Course)

Mr Drewett. Six lectures, Michaelmas Term.

Also for M.Sc. in Economics; Geography; Operational Research; Management Studies.

Syllabus Inter and intra-urban patterns and functional processes will be examined in the context of systems analysis and model building. The basic components of the urban system and their interdependence will be outlined reviewing the associated theoretical and empirical models.

Recommended reading B. J. L. Berry and F. E. Horton, *Geographic Perspectives on Urban Systems*.

Members of the Staff of King's College, London, sharing in the work of the Joint School of Geography

D. Brunsdon, B.Sc., Ph.D.; Lecturer in Geography.

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.; Lecturer in Geography.

Maureen Jones, B.Sc. (Wales), M.Sc., Ph.D.; Lecturer in Geography.

G. R. P. Lawrence, M.Sc.; 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.

S. Nortcliffe, B.A. (Bristol); Lecturer in Geography.

J. C. Pugh, M.A. (Cantab.), Ph.D., A.R.I.C.S.; Professor of Geography.

F. Rose, B.Sc., Ph.D.; Senior Lecturer in Biogeography.

E. M. Yates, M.Sc., Ph.D.; Reader in Geography.

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399 General and Special Courses for B.A. Honours in History

Economic History

250 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. main fields Maths. 1st yr., Stats. 1st yr., Comp. 1st yr., Soc.

Syllabus The course will cover the major aspects of the British and American economies from the mid-nineteenth century until World War II.

Recommended reading W. Ashworth, *A Short History of the International Economy since 1850*; J. D. Chambers, *The Workshop of the World*; P. d'A. Jones, *The Consumer Society*; W. A. Lewis, *Economic Survey, 1919-1939*; R. S. Sayers, *A History of Economic Change in England, 1880-1939*; C. C. Spence, *The Sinews of American Capitalism*; W. M. Stern, *Britain Yesterday and Today*.

FOR REFERENCE G. C. Allen, *British Industries and their Organisation* (1959 or 1961 edn.); H. C. Allen and C. P. Hill (Eds.), *British Essays in American History*; W. Ashworth, *An Economic History of England, 1870-1939*; A. C. Bolino, *The Development of the American Economy*; A. K. Cairncross, *Home and Foreign Investment*; T. C. Cochran and W. Miller, *The Age of Enterprise*; W. H. B. Court, *A Concise Economic History of Britain from 1750 to Recent Times*; D. Dillard, *Economic Development of the North Atlantic Community*; J. H. Dunning and C. J. Thomas, *British Industry: Change and Development in the Twentieth Century*; E. J. Hobsbawm, *Industry and Empire*; M. A. Jones, *American Immigration*; The Royal Institute of International Affairs, *The Problem of International Investment*; H. N. Scheiber (Ed.), *United States Economic History: Selected Readings*; P. B. Trescott, *Financing American Enterprise*; H. F. Williamson (Ed.), *The Growth of the American Economy*.

250(a) Classes

Twenty-four classes, Sessional.

251 Industrialisation and the International Economy since 1830

Professor Fisher, Dr Earle, Mr Baines, Mr Lewis and Mr Falkus.
Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Geog.

Syllabus The growth of world population: changes in its occupational and regional distribution; the development of primary production in temperate and tropical zones; the development of mechanised transport by sea and land; the international migration of capital; changes in the volume, direction and content of international trade; the varying experience of industrialisation in Western Europe (including Great Britain), U.S.A., Russia and Japan; the development and organization of capital and labour markets; the breakdown of the international economy in the interwar years; changes in national economic policies; the development of international economic institutions.

Recommended reading W. Ashworth, *A Short History of the International Economy since 1850*; W. A. Lewis, *Economic Survey, 1919-1939*; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; W. W. Rostow, *The Stages of Economic Growth*; R. T. Gill, *Economic Development*; S. S. Kuznets, *Six Lectures on Economic Growth*; A. Maddison, *Economic Growth in the West; Economic Growth in Japan and the U.S.S.R.*; D. S. Landes, *The Unbound Prometheus*; M. Postan, *An Economic History of Western Europe, 1945-1964*; E. L. Jones and S. J. Woolf (Eds.), *Agrarian Change and Economic Development*; R. M. Robertson, *History of the American Economy*; A. G. Kenwood and A. L. Loughheed, *The Growth of the International Economy, 1820-1960*; M. E. Falkus, *The Industrialization of Russia, 1700-1914*; United Nations XIII, *Demography 1953, 3, The Determinants and Consequences of Population Trends*; J. V. Levin, *The Export Economies*; The

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Royal Institute of International Affairs, *The Problem of International Investment*; League of Nations, II, Economic and Financial, 1942, A.3, *The Network of World Trade*; 1945, A.10, *Industrialization and Foreign Trade*; H. J. Habakkuk and M. Postan (Eds.), *The Cambridge Economic History of Europe*, Vol. VI Pts. I and II; B. E. Supple (Ed.), *The Experience of Economic Growth*.

251(a) Classes

Fifteen classes, Michaelmas and Lent Terms.

252 Introduction to Modern English Economic History

Mr W. M. Stern. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; B.A. Hist. 1st yr.; Dip. Soc. Admin.; T.U.

Not available to students who have taken Economic History at 'A' level.

Syllabus The subject will be divided into three periods: from the discovery of the New World to the middle of the eighteenth century; the Industrial Revolution and its aftermath; the last hundred years. In each period the development of agriculture, industry, trade and transport will be traced against the background of population changes, economic thought and fluctuations, social organization and policy.

Recommended reading J. H. Clapham, *A Concise Economic History of Britain from the Earliest Times to 1750*; G. N. Clark, *The Wealth of England, 1496-1760*; M. D. George, *England in Transition*; T. S. Ashton, *The Industrial Revolution, 1760-1830*; W. H. B. Court, *A Concise Economic History of Britain from 1750 to Recent Times*; R. S. Sayers, *A History of Economic Change in England, 1880-1939*; G. Dangerfield, *The Strange Death of Liberal England, 1910-1914*; W. Johnson, J. Whyman and G. Wykes, *A Short Economic and Social History of Twentieth Century Britain*.

FOR REFERENCE T. S. Ashton, *An Economic History of England: The Eighteenth Century*; W. Ashworth, *An Economic*

History of England, 1870-1939; J. H. Clapham, *Economic History of Modern Britain*; P. Mathias, *The First Industrial Nation*; N. J. Smelser, *Social Change in the Industrial Revolution*; S. Pollard, *The Development of the British Economy, 1914-1950*. Books on particular subjects will be recommended in the course of the lectures.

252(a) Classes

Twenty-four classes, Sessional.

253 English Economic History in its European Background from 1600 to 1830

Professor John and Dr Earle. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A. Hist.; M.Sc.

(i) 1600-1714

Dr Earle. Twelve lectures.

(ii) 1714-1830

Professor John. Eight Lectures.

Recommended reading will be given at the beginning of the course.

253(a) Classes

Fifteen classes, Michaelmas and Lent Terms.

254 Economic History of England from 1815

Dr Hunt and Mr W. M. Stern.

(i) 1815 to the 1880s

Dr Hunt. Ten lectures, Michaelmas and Lent Terms.

(ii) The 1880s and After

Mr W. M. Stern. Ten lectures. This course will not be given in 1973-74.

Syllabus Topics covered are population trends, economic growth and retardation, incomes, the growth of government intervention in the economy, agriculture,

Economic History

industry, transport, banking and finance, industrial relations and trade. Reading for each sub-period will be given at the beginning of the lectures relating to it.

254(a) Classes

Ten classes, Sessional.

255 The Social and Political Structure of Britain in the Nineteenth Century

Professor John, Dr Brown, Dr Erickson and Mr Baines.

Twenty-five lectures, Sessional.

For B.A. Hist. 2nd yr.; B.Sc. (Econ.) Part II; M.Sc.

Syllabus The growth of population and its distribution; the major social groups in British society.

The press; the growth of science; religion in nineteenth-century England; some of the major schools of political and social thought. The structure of central and local government; the making of social policy; nineteenth-century imperialism.

Recommended reading R. D. Altick, *The English Common Reader, 1800-1900*; W. Ashworth, *The Genesis of Modern British Town Planning*; J. A. Banks, *Prosperity and Parenthood*; G. F. A. Best, *Mid-Victorian Britain*; A. Briggs, *The Age of Improvement*; *Victorian Cities*; *Chartist Studies*; H. L. Beales, *The Making of Social Policy*; W. L. Burn, *The Age of Equipoise*; S. G. Checkland, *The Rise of Industrial Society in England, 1815-85*; G. Kitson Clark, *The Making of Victorian England*; A. M. Carr-Saunders and P. A. Wilson, *The Professions*; S. D. Chapman (Ed.), *The History of Working-Class Housing*; H. Grisewood (Ed.), *Ideas and Beliefs of the Victorians*; B. K. Gray, *Philanthropy and the State*; H. J. Hanham, *Elections and Party Management*; W. E. Houghton, *The Victorian Frame of Mind*; M. Hewitt, *Wives and Mothers in Victorian Industry*; E. Hobsbawm, *Labouring Men*; R. Lambert, *Sir John Simon*; A. M. Lowndes, *The Silent Social Revolution*; D. Lockwood, *The Blackcoated Worker*; H. M. Pelling, *A History of British Trade Unions*; H. J. Perkin, *The Origins of Modern English Society*;

1780-1880; E. H. Phelps Brown, *The Growth of British Industrial Relations*; H. A. Turner, *Trade Union Growth, Structure and Policy*; D. Roberts, *Victorian Origins of the British Welfare State*; D. Read, *Press and People, 1790-1850*; J. Saville (Ed.), *Democracy and the Labour Movement*; N. Smelser, *Social Change in the Industrial Revolution*; F. M. L. Thompson, *English Landed Society in the Nineteenth Century*; A. F. Weber, *The Growth of Cities in the Nineteenth Century*; G. M. Young, *Victorian England, Portrait of an Age*; M. Wright, *Treasury Control of the Civil Service, 1854-74*.

255(a) Classes

Twelve classes, Sessional.

256 Economic Development of Western Europe after 1815

Professor John. Twenty-five lectures, Sessional. This course will not be given in 1973-74.

For B.Sc. (Econ.) Part II.

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 and Belgium, but reference will also be made to developments in the other countries of the continent, including Russia. Much of the course will deal with the growth of industrialism before 1914 and its consequences; and the latter part will be devoted to Europe during the inter-war years of the 20th century and the subsequent emergence of the European economic community.

256(a) Classes

Twelve classes, Sessional.

257 Economic History of the United States of America

(i) The Colonial Period, 1607-1790

Professor Fisher and Mr Potter. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II.

Economic History

Syllabus The development of the American economy from the first settlements to nationhood. The nature of the colonial links with Britain. Population growth and distribution.

Economic aspects of the American Revolution and formation of the first federal government.

(ii) 1790–1873

Dr Erickson. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II.

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.

(ii)(a) Classes

Ten classes, Lent Term.

(iii) 1873–1929

Dr Erickson. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.

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.

(iii)(a) Classes

Ten classes, fortnightly, Michaelmas and Lent Terms.

(iv) The U.S.A. since 1930

Mr Potter. Twelve meetings of one-and-a-half hours, Lent and early Summer Terms.

For B.Sc. (Econ.) Part II; 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)–(iv) The most suitable work for this course is R. M. Robertson, *History of the American Economy* (2nd edn., 1964). Valuable introductory reading will be found in H. C. Allen and C. P. Hill (Eds.), *British Essays in American History* (1957); E. A. J. Johnson and H. E. Krooss, *The American Economy* (1961); F. Thistlethwaite, *The Great Experiment* (1955). Other useful textbooks include: A. C. Bolino, *The Development of the American Economy* (1966); S. Bruchey, *The Roots of American Economic Growth, 1607–1861*; L. E. Davis and others, *American Economic History* (1961); E. C. Kirkland, *A History of American Economic Life* (4th edn., 1969); J. M. Peterson and R. Gray, *Economic Development of the United States* (1969); H. F. Williamson (Ed.), *The Growth of the American Economy* (1951). Other works: R. Andreano (Ed.), *The Economic Impact*

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of the American Civil War; R. T. Berthoff, *British Immigrants in Industrial America, 1790–1950*; A. G. Bogue, *From Prairie to Corn Belt*; L. V. Chandler, *America's Greatest Depression, 1929–41*; A. W. Coates and R. M. Robertson, *Essays in American Economic History*; S. Coben and F. G. Hill, *American Economic History: Essays in Interpretation*; C. Danhof, *Changes in Agriculture in the Northern United States, 1820–70*; F. R. Dulles, *Labor in America*; E. J. Ferguson, *The Power of the Purse*; A. Fishlow, *American Railroads and the Transformation of the Ante-Bellum Economy*; R. W. Fogel, *Railroads and American Economic Growth*; E. Frickey, *Economic Fluctuations in the United States, 1865–1914*; *Production in the United States, 1860–1914*; 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*; B. Hammond, *Banks and Politics in America from the Revolution to the Civil War*; R. Hofstadter, *The Age of Reform*; E. C. Kirkland, *Industry Comes of Age, 1860–1897*; H. B. Lary, *The United States in the World Economy*; P. McAvooy, *The Economic Effects of Regulation*; M. G. Myers, *A Financial History of the United States*; 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*; D. C. North, *The Economic Growth of the United States, 1790–1860*; H. S. Perloff and others, *Regions, Resources and Economic Growth*; U. B. Phillips, *Life and Labor in the Old South*; G. Porter and H. Livesay, *Merchants and Manufacturers*; F. A. Shannon, *The Farmer's Last Frontier*; 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*; *The Jacksonian Economy*; Brinley Thomas, *Migration and Economic Growth*; W. P. Webb, *The Great Plains*.

258 International Economic History, 1850–1945

Mr W. M. Stern. Eighteen lectures, Michaelmas and Lent Terms.

This course will not be held unless a sufficient number of students offers the subject.

For B.Sc. (Econ.) Part II.

Syllabus Growth and distribution of world population. Growth of manufacturing industry. Development of agriculture, international trade and investment and the chief influences upon them, including changes in transport, in financial organization and in the commercial policies of the Great Powers. The growth of international economic organizations, both public and private. The changing influence of economic factors on the political and military strength of the Great Powers.

Recommended reading W. Ashworth, *A Short History of the International Economy since 1850*; J. B. Condliffe, *The Commerce of Nations*; M. R. Davie, *World Immigration*; H. Feis, *Europe, the World's Banker, 1870–1914*; M. A. Jones, *American Immigration*; A. G. Kenwood and A. L. Loughheed, *The Growth of the International Economy, 1820–1960*; D. S. Landes, *The Unbound Prometheus*; League of Nations, II, Economic and Financial, 1942, A.3, *The Network of World Trade*; A.6, *Commercial Policy in the Inter-War Period*; 1945, A.10, *Industrialization and Foreign Trade*; W. A. Lewis, *Economic Survey, 1919–1939*; The Royal Institute of International Affairs, *The Problem of International Investment*; United Nations, 1954, II, E.3, *Growth and Stagnation in the European Economy* (I. Svernilson); H. J. Habakkuk and M. Postan (Eds.), *The Cambridge Economic History of Europe*, VI: *The Industrial Revolutions and After*; F. H. Hinsley (Ed.), *The New Cambridge Modern History*, XI: *Material Progress and World-Wide Problems, 1870–1898*; L. H. Jenks, *The Migration of British Capital to 1875*; D. Thomson (Ed.), *The New Cambridge Modern History*, XII: *The Era of Violence, 1898–1945*.
E. Hexner and A. Walters, *International Cartels*; M. Hill, *The Economic and*

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Financial Organization of the League of Nations; L. L. Lorwin, *The International Labor Movement*; A. Plummer, *International Combines in Modern Industry*; J. Price, *The International Labour Movement*; W. K. Hancock and M. M. Gowing, *British War Economy* (History of the Second World War, United Kingdom Civil Series); D. T. Jack, *Studies in Economic Warfare*; The Royal Institute of International Affairs, *Survey of International Affairs, 1939-1946*, Vol. I, *The World in March, 1939*, Part II; B. E. Supple (Ed.), *The Experience of Economic Growth*; Y.-L. Wu, *Economic Warfare*.

258(a) Classes

Five classes, Lent Term.

259 Social and Economic History of Western Europe, 1300-1700

Dr Bridbury and Dr Earle. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Parts I and II.

Recommended reading will be given during the course.

259(a) Classes,

Twenty-four classes, Sessional.

260 Economic History of England, 1216-1603

Miss Coleman. Twenty lectures, Michaelmas and Lent Terms.

This course will not be given in 1973-74.

For B.Sc. (Econ.) Part II.

Recommended reading will be given during the course.

260(a) (Classes)

Miss Coleman and Dr Bridbury. Twenty classes, Sessional.

For B.Sc. (Econ.) Part II.

261 A Comparative Study of Modern Economic Development in Russia, Japan and India

Mr Falkus and others. Twenty lectures, Michaelmas and Lent Terms.

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*; S. Kuznets *et. al.*, *Economic Growth: Brazil, India, Japan*.

261(a) Classes

Ten classes, Michaelmas and Lent Terms.

262 Economic History of Latin America since Independence

Mr Lewis. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Syllabus Structure of the colonial economy; changes occasioned by Independence. The national economies. Incorporation within the international economy: impact of migration and foreign investment; trade and the repercussions of export-led growth. International commercial rivalry in Latin America.

Retreat from the international economy: import substitution and industrialization. Structural changes and economic development. 'Economic imperialism' and economic nationalism.

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Terms of trade and the trade cycle. Disparate stages of development and 'internal colonialism'. Causes and consequences of frustrated development. Current economic trends in Latin America.

Recommended reading W. Baer & Kerstenetzky, *Inflation and Growth in Latin America*; G. H. Beyer, *The Urban Explosion in Latin America*; H. Blakemore and C. T. Smith, *Latin America: Geographical Perspectives*; R. T. Brown, *Transportation and the Economic Integration of Latin America*; D. Chaplin, *Industrialization and the Distribution of Wealth in Peru*; W. Dean, *The Industrialization of Sao Paulo*; S. Dell, *A Latin American Common Market*; C. F. Diaz Alejandro, *Essays on the Economic History of the Argentine Republic*; H. S. Ferns, *Britain and Argentina in the Nineteenth Century*; A. G. Frank, *Capitalism and Underdevelopment in Latin America*; C. Furtado, *Economic Development in Latin America*; C. Furtado, *Obstacles to Development in Latin America*; W. P. Glade, *The Latin American Economies*; D. Joslin, *A Century of Banking in Latin America*; J. V. Levin, *The Export Economies*; M. Mamalakis and C. W. Reynolds, *Essays on the Chilean Economy*; A. K. Manchester, *British Pre-eminence in Brazil*; W. P. McGreevey, *An Economic History of Colombia*; E. Perez Lopez, *Mexico's Recent Economic Growth*; D. C. M. Platt, *Latin America and British Trade*; A. Quijano, *Nationalism and Capitalism in Peru*; J. Ramos, *Labor and Development in Latin America*; Royal Institute of International Affairs, *The Problem of International Investment*; S. J. and B. A. Stein, *The Colonial Heritage of Latin America*; P. C. M. Teichert, *Economic Policy Revolutions and Industrialization in Latin America*; A. P. Whitaker, *The United States and the Independence of Latin America*.

262(a) Classes

Ten classes, Sessional.

263 Introduction to the Methods of Econometric History

Mr Potter, Mr Thomas and Dr Desai. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; graduate students in Economic History.

Syllabus and recommended reading will be given during the course.

264 Economic and Social History of England, 1377-1485 (Classes)

Miss Coleman and Dr Bridbury.

For B.Sc. (Econ.) Part II.

265 Economic History, 1575-1642 (Class)

Professor Fisher.

For B.Sc. (Econ.) Part II.

266 Modern Economic History, 1830-1886 (Class)

Professor John and Mr W. M. Stern.

For B.Sc. (Econ.) Part II.

267 Britain and the International Economy, 1929-1936 (Class)

Mr Baines and Mr Falkus.

For B.Sc. (Econ.) Part II.

268 English Economic History, 1485-1760 (Class)

For B.Sc. (Econ.) Part II.

FOR GRADUATE STUDENTS

269 British Labour History, 1815-1939

Dr Hunt and Mr Baines. Twenty lectures and classes, Sessional.

For M.Sc. Other graduate students may attend by permission.

Syllabus Population growth and its economic and social implications; changes

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in the geographical distribution of population and the factors underlying mobility; 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.

270 The Sources and Historiography of the Economic History of England, 1350-1500 (Seminar)
Miss Coleman and Dr Bridbury.
Fortnightly, Sessional.

271 The Sources and Historiography of the Economic History of England in the Seventeenth Century (Seminar)
Professor Fisher. Sessional.

272 The Sources and Historiography of British Economic History, 1783-1850 and 1900-1950 (Seminar)
Professor John and Mr W. M. Stern. Weekly, Sessional.

273 The Sources and Historiography of the Economic History of the U.S.A., 1890-1929 (Seminar)
Mr Potter and Dr Erickson.
Sessional.
Other graduate students may attend by permission.

274 Economic Growth Historically Considered (Seminar)
Professor Fisher, Mr Baines and Mr Falkus. Lent and Summer Terms.
Also for students offering this option for M.Sc.: Demography.

275 Economic History of the Sixteenth and Seventeenth Centuries (Seminar)
Professor Fisher. Fortnightly, Michaelmas and Lent Terms.

276 Economic History of the Eighteenth and Early Nineteenth Centuries (Seminar)
Professor John. Fortnightly, Michaelmas and Lent Terms. At the Institute of Historical Research.

277 American Population from Colonial Times to the Present (Seminar)
Mr Potter. Sessional.
For M.Sc.; M.A. (Area Studies) and other interested graduate students.

International History

INTRODUCTORY UNDERGRADUATE COURSES

280 Political History 1789-1941
Professor Anderson and Mr Robertson. Twenty lectures and five seminars, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths. 1st yr., Stats. 1st yr., Comp. 1st yr.

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. Hearder, *Europe in the Nineteenth Century, 1830-1880*; J. Roberts, *Europe, 1880-1945*; 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.

280(a) Classes
For B.Sc. (Econ.) Part I.
Sessional. In connection with Course 280.

280(b) Classes
For B.Sc. (Econ.) Part II.
Sessional. In connection with Course 280

281 World History since 1890
Mr Grün. Twenty lectures and five seminars, Sessional.
For B.Sc. (Econ.) Parts I and II.
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.

281(a) Classes
Sessional. In connection with Course 281.

282 The History of European Ideas since 1700
Professor Hatton, Professor Joll and Dr Mackay. Twenty lectures and five seminars, Sessional.

For B.Sc. (Econ.) Parts I and II.
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.

282(a) Classes
Sessional. In connection with Course 282.

SPECIALIST UNDERGRADUATE COURSES

283 International History, 1494-1815
Professor Anderson and Dr McKay. Twenty-five lectures, Sessional.
For B.Sc. (Econ.) Part II; B.A. Hist.; 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 D. B. Horn, *The British Diplomatic Service, 1689-1789*; D.

International History

P. Heatley, *Diplomacy and the Study of International Relations*; G. Mattingly, *Renaissance Diplomacy*; D. B. Horn, *Great Britain and Europe in the Eighteenth Century*; G. Zeller, *Les Temps Modernes*, Pts. i and ii (in the series *Histoire des Relations Internationales*, Ed. P. Renouvin); A. Fugier, *La Révolution Française et l'Empire Napoléonien* (in the same series); A. Sorel, *L'Europe et la Révolution Française*, Vol. I, *Les Moeurs et les Traditions*; *New Cambridge Modern History*, relevant chaps. of Vols. I-IX; W. L. Langer (Ed.), *The Rise of Modern Europe*, relevant portions from the volumes covering this period; or from the relevant volumes in the series *Clio: Introduction aux Etudes Historiques*.

Further reading on particular aspects or periods will be given during the course.

283(a) Classes

Sessional. In connection with Course 283.

284 International History, 1815-1914

Professor Joll, Dr Bourne and Dr Bullen. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A. Hist.; B.Sc. c.u. main field Geog.; M.A. and M.Sc.

Syllabus The history of international relations with special reference to the policies of the Great Powers and to the factors affecting them.

Recommended reading H. Hearder, *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*; J. Joll (Ed.), *Britain and Europe from Pitt to Churchill*; M. S. Anderson, *The Eastern Question*; F. H. Hinsley, *Power and the Pursuit of Peace*; A. J. P. Taylor, *The Struggle for Mastery in Europe*; H. Feis, *Europe, the World's Banker*; G. F. Hudson, *The Far East in World Politics*; 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*.

Further reading on particular aspects will be given during the course.

284(a) Classes

Sessional. In connection with Course 284.

285(i) International History since 1914

Mr Grün and Professor Watt. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A. Hist.; 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*; Llewellyn Woodward, *British Foreign Policy in the Second World War*; C. A. Macartney and A. W. Palmer, *Independent Eastern Europe*; L. E. Kochan, *The Struggle for Germany, 1914-1945*; G. Hilger and A. Meyer, *The Incompatible Allies*; R. C. North, *Moscow and the Chinese Communists*; F. C. Jones, *Japan's New Order in Asia*; J. L. Snell, *Allied Wartime Diplomacy*; J. W. Spanier,

International History

American Foreign Policy since World War II; H. Seton-Watson, *Neither War Nor Peace*.

Further reading will be given during the course.

285(ii) International History since 1933

Professor Watt. Ten lectures, Lent Term.

A series covering special aspects of course 285(i).

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Geog.; M.A. and M.Sc.

285(a) Classes

Sessional. In connection with Course 285.

286 The Mediterranean in International Politics, 1815-1914

Miss Lee. Ten lectures, Michaelmas Term.

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*.

286(a) Classes

Lent Term. In connection with Course 286.

287 British-American-Russian Relations, 1815-1914

Professor Anderson and Dr Bourne.

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 Britain and the United States*; T. A. Bailey, *A Diplomatic History of the American People* (7th edn., 1964); B. Perkins, *Castlereagh and Adams: England and the United States, 1812-1823*; W. D. Jones, *Lord Aberdeen and the Americas*; E. D. Adams, *Great Britain and the American Civil War*; F. Merk, *The Oregon Question*; W. A. Williams, *American-Russian Relations, 1781-1947*; D. Perkins, *Hands Off: A History of the Monroe Doctrine*; K. Bourne, *Britain and the Balance of Power in North America, 1815-1908*; W. C. Costin, *Great Britain*

International History

and China, 1833–1860; H.-P. Chang, *Commissioner Lin and the Opium War*; J. K. Fairbank, *Trade and Diplomacy on the China Coast*; M. Banno, *China and the West, 1858–1861*; W. Habberton, *Anglo-Russian Relations Concerning Afghanistan, 1837–1907*; W. G. Beasley, *Great Britain and the Opening of Japan*; A. Malozemoff, *Russian Far Eastern Policy, 1881–1904*; G. A. Lensen, *The Russian Push Towards Japan: Russo-Japanese Relations, 1697–1875*; A. J. Marder, *British Naval Policy, 1880–1905*; F. H. Michael and G. E. Taylor, *The Far East in the Modern World*; W. L. Langer, *The Diplomacy of Imperialism*; A. W. Griswold, *The Far Eastern Policy of the United States*; E. H. Zabriskie, *American-Russian Rivalry in the Far East, 1895–1914*; L. M. Gelber, *The Rise of Anglo-American Friendship, 1898–1906*; A. E. Campbell, *Great Britain and the United States, 1895–1903*; C. S. Campbell, *Anglo-American Understanding, 1899–1903*; G. W. Monger, *The End of Isolation: British Foreign Policy, 1900–1907*; G. T. Alder, *British India's Northern Frontier, 1865–1895*; J. A. S. Grenville, *Lord Salisbury and Foreign Policy*; I. C. Y. Hsü, *The Ili Crisis*; I. H. Nish, *The Anglo-Japanese Alliance, 1894–1907*; J. A. White, *The Diplomacy of the Russo-Japanese War*; R. A. Esthus, *Theodore Roosevelt and Japan*.

The Baltic in International Politics since 1815

This course will not be available in 1973–74.

Syllabus The changes of 1814–1815 within the Northern balance; the Scandinavian Union movement 1830–1860; the Crimean War; the Sleswig-Holstein crisis 1860–1864; the nationalist era 1870–1918 and the independence movements in Norway, Finland, the east Baltic states and Iceland; Scandinavia and the League of Nations; Scandinavia and World War II; Scandinavia and the post-war period.

Recommended reading The national histories by J. H. Birch, L. Krabbe, K. Larsen, I. Andersson, S. P. Oakley, and E. Jutikkala; L. D. Steefel, *The Schleswig-Holstein Question*; R. M. Hatton,

“Palmerston and Scandinavian Union” in K. Bourne and D. C. Watt (Eds.), *Studies in International History*; E. F. Heckscher (Ed.), *Sweden, Norway, Denmark and Iceland in the World War*; W. F. Reddaway, *Problems of the Baltic*; S. S. Jones, *The Scandinavian States and the League of Nations*; H. Tingsten, *The Debate on the Foreign Policy of Sweden, 1918–1939*; F. D. Scott, *The United States and Scandinavia*; R. E. Lindgren, *Norway-Sweden, Union, Disunion and Scandinavian Integration*; F. Lindberg, *Scandinavia in Great Power Politics, 1905–1908*; N. Ørvik, *The Decline of Neutrality, 1914–1941*; O. A. Rustow, *The Politics of Compromise*; F. la Ruche, *La neutralité de la Suède*; H. Friis (Ed.), *Scandinavia between East and West*.

288 International Socialism and the Problem of War, 1870–1914

Professor Joll. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 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. Brauntal, *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. Nettl, *Rosa Luxemburg*; V. I. Lenin, *Socialism and War*; V. I. Lenin, *Imperialism: the Highest Stage of Capitalism*.

288(a) Classes

Lent Term. In connection with Course 288.

International History

289 The Great Powers and the Near and Middle East, 1897–1956

Professor Watt. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II and other interested students.

Syllabus An examination of the diplomacy of the great powers in relation to Turkey, Persia, Afghanistan, Syria, Iraq, Palestine, Israel, Saudi Arabia, The Gulf, the Red Sea, Egypt, the Sudan and the Nile Valley and the reactions of the powers of the area to great power diplomacy in the years 1897–1956.

Recommended reading E. Kedourie, *Great Britain and the Middle East*; H. L. Howard, *The Partition of the Turkish Empire*; F. Kazemzadeh, *The Struggle for the Caucasus*; C. S. Samra, *India and Anglo-Soviet Relations*; J. Marlowe, *Anglo-Egyptian Relations 1900–1953*; L. Stein, *The Balfour Declaration*; Lord Kinross, *Atatürk*; J. C. Hurewitz, *Diplomacy in the Near and Middle East*; X. J. Eudin and R. C. North, *Soviet Russia and the East, 1920–1927*; G. Lenczowski, *Russia and the West in Iran*; J. T. Shottwell and F. Deak, *Turkey at the Straits*; B. Schwadran, *The Middle East, Oil and the Great Powers*; L. Hirsowitz, *The Third Reich and the Arab East*; M. A. Fitzsimons, *Empire by Treaty*; C. W. Hostler, *Turkism and the Soviets*; Ann Williams, *Britain and France in the Middle East and North Africa*; E. Monroe, *Britain's Moment in the Middle East, 1914–1956*; Hugh Thomas, *The Suez Affair*.

289(a) Classes

Lent Term. In connection with Course 289.

290 William III and Louis XIV, 1698–1702

This course will not be available in 1973–74.

Syllabus A study in detail of the attempt, through co-operation by William III and Louis XIV, to solve the problem of the Spanish succession issue. The course will be based on selected

documents from the following authorities: P. Grimlot (Ed.), *Letters of William III, Louis XIV and of their Ministers 1697–1700*, I and II; P. Vaucher (Ed.), *Recueil des Instructions données aux Ambassadeurs et Ministres de France*, (XIV 2, Angleterre, Vol. 3, 1689–1791); L. G. Wickham Legg, *British Diplomatic Instructions (II, France, 1689–1721)*; F. G. Davenport (Ed.), *European Treaties bearing on the History of the United States and its Dependencies*, (III) 1689–1715; A. Legrelle (Ed.), *La diplomatie française et la succession d'Espagne*, appendices.

291 The Great Powers and Egypt, 1882–1888

Miss Lee. Twenty classes, Michaelmas and Lent Terms.

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).

292 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. The course will be based upon selected documents from the following authorities: G. P. Gooch and H. W. V. Temperley (Eds.), *British Documents on the Origins of the War*, Vols. V, IX, X; B. von Siebert, *Entente Diplomacy and the World War*.

International History

293 Great Britain and the Paris Peace Conference of 1919

Mr Grün. Twenty classes, Michaelmas and Lent Terms.

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 Council of Four* (Geneva, 1964); D. Lloyd George, *The Truth about the Peace Treaties* (1938).

The Manchurian Crisis, 1931-1933

This course will not be available in 1973-74.

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.

294 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. Failure of the League to take action against Japan as a result of the "China incident". Italy's withdrawal from the League at the end of 1937 and her adhesion 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; *Documents on German Foreign Policy Series C*, Vols. I, II, III, IV and Series D, Vol. I; Ciano's Papers and Diary, 1937-1939.

295 Political History (Classes)

Fortnightly, Sessional.

For B.Sc. (Econ.) Part II.

FOR GRADUATE STUDENTS

A. MASTER'S COURSES

Attendance restricted to students taking the relevant M.A./M.Sc. examination.

(i) M.A./M.Sc. International History

For Paper 1:

296(i) International History 1688-1815, (Various Seminars)

Professor Anderson, Professor Hatton and Dr McKay. Sessional.

296(ii) International History 1815-1914, (Various Seminars)

Dr Bourne, Dr Bullen, Professor Joll, Miss Lee and Dr Polonsky. Sessional.

International History

296(iii) International History 1914-1946, (Various Seminars)

Mr Grün and Professor Watt. Sessional.

For Paper 2:

297(i) Diplomatic Theory and Practice, 1500-1815

Professor Hatton. Twenty lectures and seminars.

297(ii) Diplomatic Theory and Practice, 1815-1919

Professor Anderson. Twenty lectures and seminars.

297(iii) Diplomatic Theory and Practice, 1919-1946

Professor Watt. Ten seminars, Lent Term.

For Paper 3:

298 The Anglo-French Entente, 1713-1740

Dr McKay.

299 Anglo-French Relations, 1748-1783

Professor Anderson.

300 Enlightened Despotism in the later Eighteenth Century

Professor Anderson.

301 The Polish Question in International Relations, 1815-1864

Dr Polonsky.

302 Diplomacy by Conference, 1814-1833

Miss Lee.

303 The Mehemet Ali Crisis, 1833-1841

Dr Bourne.

304 The Origins of the Crimean War, 1841-1854

Professor Anderson.

305 Anglo-American Relations, 1837-1860

Dr Bourne.

306 Bismarck and Napoleon III

Professor Joll.

307 The Congress of Berlin, 1878

Dr Bourne.

308 The Coming of War, 1913-1914

Professor Joll.

309 Britain and the Triple Alliance, 1887-1902

Miss Lee.

310 The Peace Settlement of 1919-1921

Mr Grün.

311 The Foreign Policy of the Weimar Republic, 1919-1933

Mr Grün.

312 The Military Policies of the Great Powers, 1919-1939

Professor Watt.

313 The Period of 'Appeasement', 1937-1939

Professor Watt.

314 The European Settlement, 1944-1946

Professor Watt.

International History

The following courses will not be available in 1973-74:

The War of Spanish Succession, 1702-1713
Professor Hatton.

The Great Northern War, 1700-1721
Professor Hatton.

The Powers and the West Pacific, 1911-1922
Dr Nish.

(ii) **M.A. in Area Studies**

315 The History of Anglo-American Relations, 1815-1917 (Seminar)
Dr Bourne. Sessional.

316 The United States and European International Politics, 1900-1945 (Seminar)
Professor Watt. Ten seminars Michaelmas Term and revision classes in Summer Term.

Seminar on the Powers in East Asia, 1890-1937
Dr Nish. Sessional.
This course will not be available in 1973-74.

(iii) **M.A./M.Sc. Intercollegiate Seminar**
For students of International History and War Studies at the Institute of Historical Research.

317 Aspects of Military Policy in the Nineteenth and Twentieth Centuries (Seminar)
Professor Martin, Mr Bond and Professor Watt. Sessional.

B. M.PHIL./PH.D. SEMINARS

318 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.

319 International History, 1815-1939 (Introductory Course)
Professor Anderson. Weekly, Michaelmas Term. At the Institute of Historical Research.
For beginners in research on the sources and methods of research in modern diplomatic history.

320 International History, 1814-1919 (Seminar)
Professor Joll and Dr Bourne. Fortnightly, Sessional. At the Institute of Historical Research. Admission by permission of Professor Joll or Dr Bourne.

321 International History since 1919 (Seminar)
Professor Watt, Mr Grun and Mr Robertson. Fortnightly, Sessional. Admission by permission of Professor Watt.

Scandinavian History, 1815 to the Present Day (Seminar)
Professor Hatton. Fortnightly, Sessional.
This course will not be available in 1973-74.

International History in the Eighteenth Century (Seminar)
Professor Hatton. Fortnightly, Sessional. At the Institute of Historical Research.
This course will not be available in 1973-74.

General and Special Courses for B.A. Honours in History

325 Introduction to British History
Mr Gillingham. Ten lectures, Michaelmas Term.
For B.A. Hist. 1st yr.

326 British History down to the End of the Fourteenth Century
Mr Gillingham. Twenty lectures, Lent and Summer Terms.
For B.A. Hist. 1st yr.
Recommended reading will be given during the course.

327 British History down to the End of the Fourteenth Century (Classes)
Mr Gillingham. Sessional.
For B.A. Hist. 1st yr.

328 British History from the beginning of the Fifteenth Century to the Middle of the Eighteenth Century
Mrs Carter and Mr Starkey. Thirty lectures, Sessional.
For B.A. Hist. 1st yr.; B.Sc. c.u. main field Geog.
Recommended reading will be given during the course.

329 British History from the beginning of the Fifteenth Century to the Middle of the Eighteenth Century (Classes)
Mrs Carter and Mr Starkey. Sessional.
For B.A. Hist. 1st and 3rd yrs.; B.Sc. c.u. main field Geog.

330 British History from the Middle of the Eighteenth Century
Dr Brown. Twenty lectures, Michaelmas and Lent Terms.
For B.A. Hist. 2nd yr.; B.Sc. c.u. main field Geog.
Recommended reading will be given during the course.

331 British History from the Middle of the Eighteenth Century (Classes)
Dr Brown. Sessional.
For B.A. Hist. 2nd yr.; B.Sc. c.u. main field Geog.

332 European History, 400-1200 (Classes)
For B.A. Hist. 1st and 2nd yrs.
This course will not be given in 1973-74. It will be given in 1974-75.

333 European History, 1200-1500 (Classes)
Mr Gillingham and Mr Starkey. Sessional.
For B.A. Hist. 1st and 2nd yrs.

334 European History, 1500-1800 (Classes)
For B.A. Hist. 1st and 2nd yrs.
This course will not be given in 1973-74. It will be given in 1974-75.

335 European History from 1800 (Classes)
For B.A. Hist. 1st and 2nd yrs.

336 The History of Ancient and Mediaeval Political Thought
Dr Morrall. Twenty lectures, Michaelmas and Lent Terms.
For B.A. Hist. 1st yr.

General and Special Courses for B.A. Honours in History

Recommended reading will be given during the course.

337 The History of Political Thought (Class)

Michaelmas and Lent Terms.

For B.A. Hist. 1st yr. fortnightly, 3rd yr. weekly.

338 English Economic History (Classes)

Dr Bridbury and others.

Sessional.

For B.A. Hist. 2nd yr.

339 Diplomatic History, 1814-1945 (Classes)

Dr Bullen.

For B.A. Hist. 2nd and 3rd yrs.

340 The History of Germany, c. 1860-1945 (Intercollegiate Classes)

Professor Joll, Michaelmas Term, at L.S.E. Professor Carsten, Lent Term at the School of Slavonic and East European Studies. Mr Ludlow, Summer Term at Queen Mary College.

For B.A. Hist. 2nd yr.

341 The Economy of England: 1350-1500 (Intercollegiate Classes)

Miss O. P. Coleman and Dr Bridbury, Michaelmas and Lent Terms for third year, Summer Term for second year.

For B.A. Hist. 2nd and 3rd yrs.

342 The Eastern Question, 1875-1881 (Intercollegiate Seminar)

Dr Bourne and Mr Parry. Michaelmas and Lent Terms for third year, Summer Term for second year.

For B.A. Hist. 2nd and 3rd yrs.

Note Intercollegiate lecture courses covering the field of Mediaeval European History from 400-1500; Modern European History from 1500 to the Present Day and World History from the End of the Nineteenth Century are given at the Senate House on Monday mornings throughout the session.

Reference should also be made to the following courses:

No. 252: Introduction to Modern English Economic History

No. 283: International History, 1494-1815

No. 284: International History, 1815-1914

No. 285(i): International History since 1914

No. 513: Three Key Mediaeval Political Thinkers

No. 514: Political Thought from Hobbes to Burke

Industrial Relations

Industrial Relations

345 (i) Industrial Relations

Professor Roberts and others.
Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus An analysis of the ideology, organization and behaviour of the parties in the British system of industrial relations: management, trade unions and the State; the evolution of collective bargaining and workplace industrial relations. An examination of the contribution of economics, sociology, history and law in identifying and understanding contemporary industrial relations problems and issues. Analysis of current research and the problems of developing an integrated multidisciplinary approach.

Recommended reading S. and B. Webb, *A History of Trade Unionism*; S. and B. Webb, *Industrial Democracy*; E. H. Phelps Brown, *The Growth of British Industrial Relations*; J. Lovell and B. C. Roberts, *A Short History of the T.U.C.*; J. Dunlop, *Industrial Relations Systems*; H. A. Clegg, *The System of Industrial Relations in Great Britain*; Report of the Royal Commission on Trade Unions and Employers' Associations 1965-1968 (Cmnd. 3623); Research Papers published by the Royal Commission, Nos. 1-11; The Industrial Relations Act, 1971; B. C. Roberts, *Trade Union Government and Administration in Great Britain*; H. A. Turner, *Trade Union Growth, Structure and Policy*; A. Flanders, *Management and Unions*; G. S. Bain, *The Growth of White Collar Unionism*; A. Flanders (Ed.), *Collective Bargaining*; B. C. Roberts et al., *Reluctant Militants*; V. L. Allen, *Power in Trade Unions*; O. Kahn-Freund, *Labour and the Law*; K. W. Wedderburn, *The Worker and the Law (2nd edn.)*; K. W. Wedderburn and P. L. Davies, *Employment Grievances and Dispute Procedures in Britain*; B. Aaron and K. W. Wedderburn, *Industrial Conflict: A Comparative Legal Survey*; A. Fox, *A Sociology of Work in Industry*; T. Burns (Ed), *Industrial Man*; R. O. Clarke et al, *Workers'*

Participation in Management in Britain; J. Goldthorpe et al., *The Affluent Worker: Industrial Attitudes and Behaviour*; J. Goldthorpe et al., *The Affluent Worker in the Class Structure*; L. C. Hunter and D. J. Robertson, *Economics of Labour and Wages*; D. J. Robertson and L. C. Hunter, *Labour Market Issues of the 1970s*, B. J. McCormick and E. Owen-Smith, *The Labour Market*; R. Hyman, *The Workers' Union*; W. E. J. McCarthy (Ed.), *Trade Unions*; Institute of Economic Affairs, *Inflation and the Unions*; J. Eldridge, *Industrial Disputes*; Hans Gunter, *Transnational Industrial Relations*; Annual Reports of the Trades Union Congress; *The British Journal of Industrial Relations*.

345 (ii) Industrial Relations

Mr S. R. Hill and Mr Winchester.
Twenty lectures, Michaelmas and Lent Terms.

For Trade Union Studies course;
Dip. Personnel Management; B.A./B.Sc. (Soc.) Branch III 3rd yr.; B.Sc. (Econ.) Part II.

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 S. and B. Webb, *Industrial Democracy*; E. H. Phelps Brown, *The Growth of British Industrial Relations*; H. A. Clegg, *The System of Industrial Relations in Great Britain*; B. C. Roberts (Ed.), *Industrial Relations: Contemporary Problems and Perspectives*; H. A. Turner, *Trade Union Growth, Structure and Policy*; A. Flanders, *Industrial Relations: What is Wrong with the System?*; *Trade Unions*; B. C. Roberts, *Trade Union Government and Administration in Great Britain*; J. Lovell and B. C. Roberts, *A Short History*

Industrial Relations

of the T.U.C.; Report of the Royal Commission on Trade Unions and Employers' Associations 1965-1968 (Cmnd. 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*; The Industrial Relations Act, 1971; 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*.

345(a) Industrial Relations (Class)

Professor Roberts and others.
Sessional.
For M.Sc.

345(b) Industrial Relations (Class)

Sessional.
For the Trade Union Studies course.

345(c) Industrial Relations (Class)

Sessional.
For B.Sc. (Econ.) Part II 2nd yr.

346 Trade Unions in Britain: a Political History

Professor Roberts. Ten lectures,
Michaelmas Term.

For the Trade Union Studies course;
graduate students.

Syllabus The course will cover selected aspects of trade union developments from the foundation of the T.U.C. to the present day.

Recommended reading B. C. Roberts, *The Trades Union Congress, 1868-1921*; J. Lovell and B. C. Roberts, *A Short History of the T.U.C.*; W. J. Davis, *History and*

Recollections of the T.U.C. (2 Vols.); S. and B. Webb, *A History of Trade Unionism*; H. A. Clegg, A. Fox and A. F. Thompson, *A History of British Trade Unions since 1889* (Vol. I, 1889-1910); R. Postgate, *The Builders' History*; G. D. H. Cole, *A Short History of the British Working-Class Movement, 1789-1947*; *History of the Labour Party*; H. M. Pelling, *The Origins of the Labour Party, 1880-1900*; W. H. Crook, *The General Strike*; R. C. K. Ensor, *England, 1870-1914*; E. Halévy, *A History of the English People—Epilogue*, Vol. I, 1895-1905, Vol. II, 1905-1915; J. B. Jefferys, *The Story of the Engineers*; *Annual Reports of the Trades Union Congress*; F. Bealey and H. M. Pelling, *Labour and Politics, 1900-1906*; Martin Harrison, *Trade Unions and the Labour Party since 1945*; V. L. Allen, *Trade Unions and the Government*; E. P. Thompson, *The Making of the English Working Class*; R. Harrison, *Before the Socialists: Studies in Labour and Politics, 1861-1881*; A. J. P. Taylor, *English History, 1914-1945*; E. Wigham, *The Power to Manage*.

347 Theories in Industrial Relations

Mr Winchester. Ten lectures,
Lent Term.

For graduate students.

Syllabus The course will cover the theories of the Webbs, Hoxie, Perlman, Tannenbaum, Dunlop, Kerr, Lester, Flanders and others.

Recommended reading J. T. Dunlop, *Industrial Relations Systems*; S. and B. Webb, *Industrial Democracy*; R. F. Hoxie, *Trade Unionism in the United States*; S. Perlman, *Theory of the Labor Movement*; F. Tannenbaum, *A Philosophy of Labor*; C. Kerr et al., *Industrialism and Industrial Man*; R. A. Lester, *As Unions Mature*; R. E. Walton and R. B. K. McKersie, *A Behavioral Theory of Labor Negotiations*; A. Flanders, *Management and Unions*; G. Somers, *Essays in Industrial Relations Theory*; R. Blackburn (Ed.), *Ideology in Social Science*; R. Hyman, *Marxism and the Sociology of Trade Unions*; K. Walker, *Research Needs in Industrial*

Industrial Relations

Relations; J. T. Dunlop (Ed.), *The Theory of Wage Determination*; N. Smelser (Ed.), *Readings on Economic Sociology*.

347(a) Theories in Industrial Relations (Class)

Ten classes, Lent Term.

For graduate students.

348 Comparative Industrial Relations

Professor Roberts. Ten lectures,
Lent Term.

For graduate students; suitable for the Trade Union Studies course and Dip. Personnel Management.

Syllabus Some aspects of the development of industrial relations in the U.S.S.R., U.S.A. 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 Sovietique*; 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, *Labour 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*; S. Slichter et al., *The Impact of Collective Bargaining on Management*; J. P. Windmuller, *Labor Relations in the Netherlands*; H. H. Wellington, *Labor and the Legal Process*; Hans Gunter, *Transnational Industrial Relations*.

349 Labour Problems

Professor Roberts, Mr Thurley and members of the department.
Sessional.

An interdisciplinary seminar on the problems of industrial relations. Open to graduates taking labour economics, labour law, industrial sociology, industrial relations and related subjects.

350 Industrial Sociology

Mr Thurley and Mr S. R. Hill.
Twenty-five lectures, Sessional.

For graduate students with previous sociological training.

Syllabus Basic concepts used in the theory of work behaviour. Formal and informal work organization. Role, status and "political" systems. Authority systems and managerial ideologies. Theory of the primary work group. Control of output by workers and financial incentive schemes. Leadership and theories of supervision. Classical and "human relations" theories of management behaviour. Theory of bureaucracy and models of organizational conflict. Relationship between technology, role systems and work behaviour. Social and cultural factors affecting industrialisation, innovation and the speed of technical change. Sociology of the labour market and of the occupational system.

Recommended reading J. C. Abegglen, *The Japanese Factory*; C. M. Arensberg et al., *Research in Industrial Human Relations*; R. Bendix, *Work and Authority in Industry*; P. Blau, *Dynamics of Bureaucracy*; E. F. L. Brech, *Organisation: The Framework of Management*; Wilfred Brown, *Exploration in Management*; T. Burns, *Sociology of Industry*; T. Burns and G. M. Stalker, *The Management of*

Industrial Relations

Innovation; M. Crozier, *The Bureaucratic Phenomena*; R. Dubin, *The World of Work: Industrial Society and Human Relations*; Etzioni, *Complex Organizations*; European Productivity Agency, *Report of Rome Conference on Human Relations*, 1956; A. Fox, *A Sociology of Work in Industry*; G. Friedman, *The Anatomy of Work*; A. Gouldner, *Patterns of Industrial Bureaucracy*; E. Jaques, *The Changing Culture of a Factory*; C. Kerr et al., *Industrialisation and Industrial Man*; R. L. Kahn et al., *Organisational Stress*; James W. Kuhn, *Bargaining in Grievance Settlement*; S. B. Levine, *Industrial Relations in Post-War Japan*; R. Likert, *New Patterns of Management*; S. M. Lipset and R. Bendix, *Social Mobility in Industrial Society*; T. Lupton, *On the Shop Floor*; D. McGregor, *The Human Side of the Enterprise*; J. G. March, *Handbook of Organisation*; S. Pollard, *The Genesis of Modern Management*; L. R. Sayles, *Behaviour of Industrial Work Groups*; W. H. Scott et al., *Technical Change and Industrial Relations*; H. A. Simon, *Administrative Behaviour*; J. H. Smith, *The University Teaching of Social Sciences: Industrial Sociology*; E. L. Trist, G. W. Higgin, H. Murray and A. B. Pollock, *Organisational Choice*; K. E. Thurley and H. Wirdenius, *Supervision: a Reappraisal*; C. R. Walker, R. H. Guest and A. N. Turner, *The Foreman on the Assembly Line*; J. Woodward, *Industrial Organisation*; J. H. Goldthorpe and D. Lockwood, *The Affluent Worker: Industrial Attitudes and Behaviour*; D. Silverman, *The Theory of Organisations*.

350(a) Industrial Sociology

Weekly seminar groups in connection with Course 350.

351 Introduction to Industrial Sociology

Mr S. R. Hill and Mr Thurley. Ten lectures, Michaelmas Term.

For Dip. Personnel Management; Trade Union Studies course; graduate students in Industrial Relations, Management

Studies, Accounting and Finance and Operational Research.

Syllabus An introduction to the sociology of work behaviour. Administrative and industrial relations problems discussed with this perspective.

Recommended reading S. R. Parker, R. K. Brown, J. Child and M. A. Smith, *The Sociology of Industry*; R. Dubin, *The World of Work*; E. V. Schneider, *Industrial Sociology*; T. Caplow, *The Sociology of Work*; A. Fox, *A Sociology of Work in Industry*.

351(a) Organization Theory (Seminar)

Mr Thurley, Mr S. R. Hill, Mr D. Guest and others. Six meetings, Summer Term.

For graduate students.

351(b) Sociology of Industrial Relations (Class)

Mr Thurley. Sessional.

For Trade Union Studies students.

351(c) Sociology of Industrial Relations (Class)

Mr Thurley and Mr S. R. Hill. Weekly Lent Term.

For Dip. Personnel Management.

352 Trade Union Problems (Seminar)

Mr Gennard, Mr Winchester and guest speakers. Lent and Summer Terms.

Admission is strictly limited to the Trade Union Studies course.

353 Industrial Relations (Case Study Seminars)

Mr R. M. Lewis, Mr Winchester, Mr Thurley and Mrs Rothwell. Summer Term.

For graduate students and Trade Union Studies course.

Industrial Relations

354 Labour Statistics

Mr Gennard. Eight lectures, Michaelmas and Lent Terms.

For Dip. Personnel Management; Trade Union Studies course; M.Sc.

Syllabus Statistics of employment, unemployment, wages, salaries, earnings, hours of work, production, prices, strikes, absenteeism, trade union membership, employers' associations, and collective bargaining. Occupational and industrial structure.

355 Economics for Students of Industrial Relations

Mr Gennard. Twenty-five lectures, Sessional.

For Trade Union Studies, Dip. Soc. Plan. and graduate students with no previous training in Economics.

Syllabus The nature and scope of economics; the laws of demand; the theory of the firm, perfect competition, monopoly, monopolistic and oligopolistic types of competition. The theory of factor pricing; marginal productivity theory; the supply of labour; extensions of the marginal productivity theory; relative wages and labour mobility. Trade unions and economic theory; sources of union power; trade union wage policy; trade union growth theory; collective bargaining (the Webb-Flanders controversy); the economics of strikes, costs and benefits of strikes. Keynesian theory of employment and contemporary problems of employment, wages and full employment; demand pull approach and cost push approach to inflation; policy measures to combat inflation and an assessment of the effectiveness of these measures. The influence of product and labour markets on industrial relations systems with reference to the construction, printing and professional football industries.

Recommended reading R. G. Lipsey, *An Introduction to Positive Economics*; P. A. Samuelson, *Economics, An Introduction*; W. E. J. McCarthy (Ed.), *Trade Unions*; L. C. Hunter and D. J. Robertson, *Economics of Wages and Labour*; B. J. McCormick, *Wages*; B. J.

McCormick and E. Owen-Smith, *The Labour Market*; A. R. Rees, *The Economics of Trade Unions*; Institute of Economic Affairs, *Inflation and the Unions*; R. E. Caves, *Britain's Economic Prospects*; H. A. Turner et al, *Do Trade Unions Cause Inflation?*; A. R. Prest (Ed.), *The U.K. Economy: A Manual of Applied Economics*; Frank Blackaby, *An Incomes Policy for Britain*.

355(a) Economics for Students of Industrial Relations (Class)

Mr Gennard. Twenty-five classes, Sessional.

For Trade Union Studies course.

356 Labour Law

Professor Wedderburn and Mr R. M. Lewis. 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. (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. (c) *The law of industrial conflict*: legal liabilities for direct industrial action. 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. The Commission on Industrial Relations, the Industrial Tribunals, the National Industrial Relations Court and other bodies. National emergency procedures. (d) *Trade union law*: the legal framework for trade union government, democracy and inter-union relations. Legislative policies and

Industrial Relations

trade union administration; the drafting of rule books and the conduct by unions of collective bargaining, industrial conflict and internal politics.

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*; G. Clark, *Remedies for Unjust Dismissal*; 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*; C. W. Guillebaud, *The Role of the Arbitrator in Industrial Wage Disputes*; O. Kahn-Freund (Ed.), *Labour Relations and the Law*; O. Kahn-Freund, *Labour Law: Old Traditions and New Developments*; *Labour and the Law*; W. E. J. McCarthy, *The Closed Shop in Britain*; F. Meyers, *Ownership of Jobs: A Comparative Study*; *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*.

356(a) Labour Law (Class)

Mr R. M. Lewis. Sessional.

For Trade Union Studies course.

357 Industrial Relations and Labour Law (Class)

Mr R. M. Lewis and Mr Winchester. Michaelmas and Lent Terms.

For Dip. Personnel Management.

358 Manpower Studies (Seminar)

Mr Gennard. Fortnightly, Sessional.

For M.Sc.

Syllabus Industrial, occupational and regional distribution of the manpower stock; employment trends and manpower reserves; forecasting of manpower requirements, participation rates, labour mobility, economics of training; income as a means of equating manpower supply and demand, manpower utilisation. Information in the labour market, government manpower programmes, manpower planning and national economic objectives; manpower planning at the firm; the brain drain.

Recommended reading G. G. C. Routh, *Occupations and Pay in Great Britain, 1906-1960*; Manpower Research Unit, *Manpower Studies 1-11* (H.M.S.O.); *Manpower Policy in the U.K.* (O.E.C.D.); B. C. Roberts and J. H. Smith (Eds.), *Manpower Policy and Employment Trends*; M. Blaug (Ed.), *Economics of Education Vols. 1 and 2*; M. Blaug, *Economics of Education*; G. S. Becker, *Human Capital*; Manpower Paper No. 1, *Company Manpower Planning*; G. Stainer, *Manpower Planning*; D. M. Lamberton (Ed.), *Economics of Information and Knowledge*; Department of Employment, *Training for the Future*; Manpower Symposium in *British Journal of Industrial Relations*, July 1972.

Students taking this course are also referred to Courses 96 Economics of Education and Human Capital; 97 Workshop in the Economics of Education.

359 Economics of Trade Unions (Seminar)

Mr Gennard. Sessional.

For M.Sc.

Syllabus Trade union growth theory; nature and source of trade union power; restrictive practices; union wages policy; collective bargaining models; union/non-union wages; impact of union on wage levels; labour and inflation; economics of strikes; labour markets; industrial relations and economic efficiency.

Industrial Relations

Recommended reading B. Fleischer, *Labour Economics*; R. Perlman, *Labour Theory*; B. J. McCormick and E. Owen-Smith, *The Labour Market*; R. J. Ball and P. Doyle, *Inflation*; A. Rees, *The Economics of Trade Unions*; Institute of Economic Affairs, *Inflation and the Unions*; M. Fisher, *The Economic Analysis of Labour*.

360 Research Methods in Industrial Relations (Seminar)

Mr Thurley. Sessional.

For research students in Industrial Relations and Sociology.

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.

Students are also referred to the following courses:

No. 72 Labour Economics

No. 269 British Labour History

No. 448 Elements of Labour Law

No. 791 Industrial Psychology

Industrial Relations
Lecturers: Mr. J. G. ...
Lecturers: Mr. J. G. ...
Lecturers: Mr. J. G. ...

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Language Studies

English, French, German, Russian, Spanish, Swedish, Japanese and Polish
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413 Linguistics (General)
415 French
417 Spanish
418 German
419 Russian
420 English

N.B. Language Laboratory: Language tapes at various levels (including beginners) are available for self-instruction and for use in connection with regular classes. Enquiries to the Language Laboratory Assistant, 7th floor, Clare Market Building.

Language Studies

(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 requiring extra-curricular language teaching should enquire at the departmental office as early as possible in the session.)

GENERAL

362 Introduction to General Linguistics

Miss Aitchison. Twenty-five lectures, Sessional.

For all B.A. degrees in Language Studies
1st yr.; B.Sc. c.u. main fields Soc. Anth.
3rd yr., Soc., Soc. Psych.; Dip. Soc. Anth.

Syllabus Scope of general linguistics, and characteristics of language. Principles of descriptive linguistics. Transformational generative grammar. Meaning in linguistics.

Recommended reading F. Palmer, *Grammar*; J. Lyons, *Introduction to Theoretical Linguistics*; N. Chomsky, *Syntactic Structures*.

362(a) Introduction to General Linguistics (Class)

Miss Aitchison. Fortnightly, Sessional.

For all B.A. degrees in Language Studies 1st yr.

362(b) Introduction to General Linguistics (Class)

Fortnightly, Sessional.

For B.Sc. c.u. main field Soc. Anth.
3rd yr.

362(c) Introduction to General Linguistics (Class)

Fortnightly, Sessional.

For B.Sc. c.u. main fields Soc., Soc. Psych.

363(i) Introduction to Phonetics and Phonology

Mr Durkin. Sessional.

For all B.A. degrees in Language Studies
1st yr.

Syllabus Elementary articulatory and acoustic phonetics. Elementary phonology.

Recommended reading D. A. Abercrombie, *Elements of General Phonetics*; A. C. Gimson, *An Introduction to the Pronunciation of English*.

363(ii) Phonology

Mr Sampson. Twenty lectures, Michaelmas and Lent Terms.

For B.A. Ling. 2nd and 4th yrs.

Syllabus Does a grammar need a phonological component? Phonemic analysis and its difficulties. Generative phonology. Genuine and pseudo-issues in the distinctive-feature/phoneme controversy. Phonological rules: synchronic or diachronic facts?

Recommended reading M. Joos (Ed.), *Readings in Linguistics*, vol. 1; J. A. Fodor and J. J. Katz, *The Structure of Language*; A. N. Chomsky and M. Halle, *The Sound Pattern of English*.

Language Studies

363(a) Introduction to Phonetics and Phonology (Class)

Fortnightly, Sessional.

For all B.A. degrees in Language Studies 1st yr.

363(b) Phonetics (Class)

Fortnightly, Sessional.

For B.A. Ling. 2nd yr.

363(c) Phonetics (Class)

Fortnightly, Sessional.

For B.A. Ling. 4th yr.

364 Grammatical Theory

Mr W. J. Downes, Sessional.

For B.A. Ling. 2nd yr.

Syllabus and recommended reading to be announced.

364(a) Grammatical Theory (Class)

Mr W. J. Downes. Fortnightly, Sessional.

For B.A. Ling. 2nd yr.

365 Introduction to Semantics

Mr Sampson.

Michaelmas Term.

For B.A. Ling. 2nd and 4th yrs.

Syllabus Inference as the subject-matter of semantic description. Sense and reference. Formal and natural languages. Is "generative semantics" an empirical hypothesis?

366 Schools of Linguistics

Mr W. J. Downes and Mr Sampson.

Michaelmas and Lent Terms.

For B.A. Ling. 2nd and 4th yrs.

Syllabus Alternative views of the structure of language. De Saussure; the Descriptivists; the Prague School; Whorf; Tagmemics; the London School; Lamb; Chomsky.

367 Linguistic Theory

Mr Sampson. Sessional.

For B.A. Ling. 4th yr.

Syllabus The status of grammars as scientific theories. What observations count as data for linguistics, and how do linguistic theories relate to their data? The ambiguous terms "competence" and "performance". The shape of syntactic arguments. Do Chomskyan "linguistic universals" have implications beyond linguistics?

367(a) Linguistic Theory (Class)

Mr Durkin. Sessional.

For B.A. Ling. 4th yr.

368 Psycholinguistics

(Revision Class)

Michaelmas and Lent Terms.

For B.A. Ling. 4th yr.

369 Historical Linguistics

Miss Aitchison. Twenty lectures, Michaelmas and Lent Terms.

For B.A. Ling. 2nd and 4th yrs.

Syllabus Language change, description, nature, causation. Genetic relationship between languages. Internal and external reconstruction. Interpretation of written records.

Recommended reading R. Anttila, *An Introduction to Historical and Comparative Linguistics*; A. R. Keiler, *A Reader in Historical and Comparative Linguistics*; R. D. King, *Historical Linguistics and Generative Grammar*.

370 Sociolinguistics

Mr W. J. Downes. Twenty lectures, Michaelmas and Lent Terms.

For B.A. Ling. 2nd and 4th yrs.

Syllabus The delineation and social significance of language varieties in speech communities. The use of language in specific situations. Possible relations between the structure of a language and the culture of its speakers.

Language Studies

Recommended reading R. Burling, *Man's Many Voices*; J. A. Fishman, *Sociolinguistics; a brief introduction*; J. A. Fishman (Ed.), *Readings in the Sociology of Language*; P. P. Giglioli (Ed.), *Language and Social Context* (Penguin); J. Gumperz and D. Hymes (Eds.), *Directions in Sociolinguistics*; D. Hymes (Ed.), *Language in Culture and Society*.

370(a) Sociolinguistics Class

Mr W. J. Downes. Lent Term.

For B.A. Ling. 2nd and 4th yrs.

371 Language and Society (Seminar)

Mr W. J. Downes and others. Summer Term.

For interested students.

FRENCH

372(i) The History of the French Language, I

Dr George. Twenty-five lectures, Sessional.

For B.A. French 1st yr.

Description of course Diachronic/synchronic description of the phonological, lexical and morpho-syntactical characteristics of French.

Recommended reading J. Chaurand, *Histoire de la langue française (Que sais-je?, 167)*; J. Fox and R. Wood, *A Concise History of the French Language* (Blackwell); G. Price, *The French Language, Present and Past* (Arnold).

372(ii) The History of the French Language, II

Dr George. Sessional.

For B.A. French 2nd yr.

373 An Outline of Nineteenth and Twentieth Century French Literature

Dr George. Sessional.

For B.A. French 1st yr.

Description of course Chronological survey of the chief authors/movements in each of the three "genres": novel, poetry, theatre.

373(a) Nineteenth and Twentieth Century French Literature (Seminar)

Dr George. Fortnightly, Sessional.

For B.A. French 1st yr.

374 Selected Topics from Twentieth Century French Literature

Miss Green. Sessional.

For B.A. French 2nd yr.

Syllabus and recommended reading to be announced.

374(a) Twentieth Century French Literature (Class)

Miss Green. Sessional.

For B.A. French 2nd yr.

375 Nineteenth and Twentieth Century French Literature (Seminar)

Miss Green. Sessional.

For B.A. French 4th yr.

376(i) French Essay and Translation (Classes)

Sessional.

For B.A. French 1st yr.

376(ii) Oral French (Classes)

Sessional.

For B.A. French 1st yr.

377(i) French Essay and Translation (Classes)

Sessional.

For B.A. French 2nd yr.

Language Studies

377(ii) Oral French (Classes)
Sessional.

For B.A. French 2nd yr.

378(i) French Essay and Translation (Classes)

Sessional.

For B.A. French 4th yr.

378(ii) Oral French (Classes)

Sessional.

For B.A. French 4th yr.

379 History of France since 1870

Dr Tint. Michaelmas and Lent Terms.

For B.A. French 1st and 2nd yrs.;
B.Sc. (Econ.) Part II.

Description of course The main lines of social and political development to the present day.

Recommended reading G. Bourgin, *La Troisième République 1870-1914*, Colin, 1968; H. Tint, *France since 1918*, Batsford, 1970.

380 French Contemporary Texts, Translation and Discussion (Class)

Sessional.

For B.Sc. (Econ.) Part I.

381(i) French Essay and Translation (Classes)

Fortnightly, Sessional.

For B.Sc. (Econ.) Part II 2nd yr.

381(ii) French Essay and Translation (Classes)

Fortnightly, Sessional.

For B.Sc. (Econ.) Part II 3rd yr.

382(i) French Political and Social Texts from 1815 (Class)

Dr Tint. Fortnightly, Sessional.

For B.Sc. (Econ.) Part II.

382(ii) French Political and Social Texts from 1918 (Class)

Dr Tint. Fortnightly, Sessional.

For B.Sc. (Econ.) Part II.

383 French Special Subject

(i) Contemporary French Thought

Dr Tint. Sessional.

For B.A. French 2nd and 4th yrs.

Description of course An outline of French philosophy since the beginning of the twentieth century, with special reference to Bergson, Sartre and Lévi-Strauss.

Recommended reading to be announced.

(ii) The French Language in the Twentieth Century

Dr George. Sessional.

For B.A. French 2nd and 4th yrs.

(iii) History of France since 1870

Dr Tint. Sessional.

For B.A. French 2nd and 4th yrs.

Description of course Against the background of course 379, a special study will be made of: the Commune, the Ethos of Republicanism 1870-1885, the Dreyfus Affair, Nationalism and Internationalism 1919-1939, the Vichy Regime, the Collapse of the Fourth Republic 1954-1958.

Recommended reading to be announced.

384 Beginners' French

Beginners' French language classes will be arranged for undergraduates, graduates and staff on an extracurricular basis, but requiring regular attendance. Early registration with the Secretary of the department is essential.

Language Studies

SPANISH

385(i) The History of the Spanish Language, I

Mr Gooch. Sessional.

For B.A. Spanish 1st and 2nd yrs.

Description of course A survey of the Spanish Language from its beginnings to the present day.

Recommended reading W. J. Entwistle, *The Spanish Language*; R. K. Spaulding, *How Spanish Grew*; R. Lapesa, *Historia de la lengua española*.

385(ii) The History of the Spanish Language, II

Mr Gooch. Sessional.

This course will not be given in 1973-74.

For B.A. Spanish 1st and 2nd yrs.

Description of course Topics of especial philological importance are studied in depth, and representative texts are analysed in detail.

386 Spanish Translation I (Class)

Mr Gooch. Sessional.

For B.A. Spanish 1st yr.; B.Sc. (Econ.) Part I.

387 Spanish Contemporary Texts and Discussion (Class)

Mr Gooch. Sessional.

For B.A. Spanish 1st yr.; B.Sc. (Econ.) Part I.

Description of course Close study of texts selected for their social, political and literary significance and linguistic interest.

Recommended reading G. Torrente Ballester, *Panorama de la literatura española contemporánea*; W. C. Atkinson, *A History of Spain and Portugal*; F. Eguiagaray, *Historia contemporánea de España*.

388(i) Spanish Essay and Translation (Classes)

Mr Gooch. Sessional.

For B.A. Spanish 2nd yr.

388(ii) Spanish Essay and Translation (Classes)

Mr Gooch. Sessional.

For B.A. Spanish 4th yr.

389(i) Spanish Essay and Translation (Classes)

Mr Gooch. Sessional.

For B.Sc. (Econ.) Part II 2nd yr.

389(ii) Spanish Essay and Translation (Classes)

Mr Gooch. Sessional.

For B.Sc. (Econ.) Part II 3rd yr.

390 Selected Nineteenth and Twentieth Century Spanish Authors

Mr Gooch. Sessional.

For B.A. Spanish 1st yr.; B.Sc. (Econ.) Part II.

Description of course Detailed study of the work of Pérez Galdós, Pardo Bazán, Valle-Inclán, Baroja and others. Particular attention is given to the novel.

Recommended background reading G. Brennan, *The Literature of the Spanish People*; J. García López, *Historia de la literatura española*; E. de Nora, *Novela española contemporánea*; Benn, *Literary History of Spain*.

391 Spanish Special Subject: The Spanish Language in the Twentieth Century

Mr Gooch. Sessional.

For B.A. Spanish.

Note: Other special subjects, taught at different Colleges of the University, are also available.

Language Studies

GERMAN

392(i) The History of the German Language, I

Mr Durkin. Sessional.

For B.A. Ger. 1st yr.

392(ii) The History of the German Language, II

Mr Durkin. Sessional.

For B.A. Ger. 2nd yr.

392 (iii) The History of the German Language, III (Revision class)

Mr Durkin. Michaelmas and Lent Terms.

For B.A. Ger. 4th yr.

392 (iv) German Linguistics (Class)

Mr Durkin. Michaelmas and Lent Terms.

For B.A. Ger. 4th yr.

393(i) German Translation I (Class)

Mrs Hay. Sessional.

For B.A. Ger. 1st yr.; B.Sc. (Econ.) Part I.

393(ii) German Translation (Classes)

Mrs Hay. Sessional.

For B.A. Ger. 2nd yr.; B.Sc. (Econ.) Part II 2nd yr.

393 (iii) German Translation (Classes)

Mrs Zutshi. Sessional.

For B.A. Ger. 4th yr.; B.Sc. (Econ.) Part II 3rd yr.

394(i) German Discussion and Essay (Class)

Mrs Hay. Sessional.

For B.A. Ger. 1st yr.; B.Sc. (Econ.) Part I.

This course is taken with language laboratory work.

394(ii) German Essay and Discussion (Classes)

Mrs Zutshi. Sessional.

For B.A. Ger. 4th yr.; B.Sc. (Econ.) Part II 3rd yr.

395 Aspects of Contemporary Germany (Discussion Class)

Mrs Zutshi. Sessional.

For B.A. Ger. 2nd yr.; B.Sc. (Econ.) Part II 2nd yr.

396(i) Nineteenth Century German Drama

Mrs Hay. Sessional

For B.A. Ger. 1st yr.

Description of course Social problem plays by Büchner, Ludwig, Hebbel, Hauptmann.

396(ii) Nineteenth Century German Literature

Mrs Hay. Sessional.

For B.A. Ger. 4th yr.

Description of course A study of conservative and revolutionary tendencies in prose and drama before and immediately after 1848.

Recommended reading *Der deutsche Vormärz*, Reclam paperback.

397(i) Twentieth Century German Literature.

Mrs Zutshi. Sessional

For B.A. Ger. 1st yr.

Description of course Novellen and short stories from Mann to Grass.

Recommended reading Ronald Gray, *The German Tradition in Literature. 1871-1945* (CUP 1965); R. Thomas and W. van der Will, *The German Novel and the Affluent Society* (Manchester 1968); E. Lämmert, W. Killy, K. O. Conrady, P.v. Polenz, *Germanistik—eine deutsche Wissenschaft?* (edn. Suhrkamp 1970).

Language Studies

397(ii) Selected topics from Twentieth Century German Literature. (Revision Class)

Mrs Zutshi. Sessional.

For B.A. Ger. 4th yr.

RUSSIAN

398(i) History of the Russian Language I (Class)

Dr Johnson. Sessional.

This course will not be given in 1973-74.

For B.A. Russian 2nd yr.

Syllabus The historical background—Indo-European, Common Slavonic and the comparative method. The phonological system of Old Russian as derived from Common Slavonic. The morphology of Old Russian and its development. Stylistic and syntactic development from XIV-XVII century. The basic lexical structure and sources of Russian.

Recommended reading P. Y. Chernykh, *Istoricheskaya grammatika russkogo yazyka*; L. A. Bulakhovsky, *Istoricheskiy kommentarii k russkomu literaturnomu yazyku*; W. K. Matthews, *Russian Historical Grammar*.

398(ii) History of the Russian Language II (Class)

Dr Johnson. Sessional.

For B.A. Russian 4th yr.

Syllabus The linguistic study and analysis of selected Old Russian historical texts.

399(i) The Nineteenth Century Russian Novel I (Class)

Mrs Gottlieb. Sessional.

For B.A. Russian 1st yr.

Syllabus An outline of the development of the novel, with special reference to: Pushkin, Lermontov, Gogol, Goncharov, and the literary background of their time.

Recommended reading E. J. Simmons, *Pushkin*; A. Lezhnev, *Prosa Pushkina*;

J. Lavrin, *Lermontov*; F. C. Driessen, *Gogol as a short story writer*; J. Lavrin, *Goncharov*; H. Gifford, *The Novel in Russia*; M. Slonim, *The Epic of Russian Literature*.

399(ii) The Nineteenth Century Russian Novel II (Class)

Mrs Gottlieb. Sessional.

This course will not be given in 1973-74.

For B.A. Russian 2nd yr.

Syllabus A continuation of 399(i): Turgenev, Tolstoy, Dostoyevsky, and socio-literary criticism in the second half of the century.

Recommended reading A. Yarmolinsky, *Turgenev*; R. Freeborn, *Turgenev*; H. Troyat, *Tolstoy*; C. F. Christian, *Tolstoy*; G. Steiner, *Tolstoy and Dostoyevsky*; K. Mochulsky, *Dostoyevsky*; R. Peace, *Dostoyevsky*; D. Fanger, *Dostoyevsky and Romantic Realism*.

399(iii) Twentieth Century Russian Prose (Class)

Dr Johnson. Sessional.

For B.A. Russian 1st yr.

Syllabus An outline of the development of the novel and the short story with special reference to: Gorky, Bunin, Zamyatin, Babel, Pilnyak, Sholokhov, Leonov, Olesha, Zoshchenko and the satirists, Pasternak, the post-1945 writers.

Recommended reading Selected Russian texts and M. Slonim, *From Chekhov to the Revolution*; M. Slonim, *Soviet Russian Literature*; G. Struve, *Russian Literature under Lenin and Stalin 1917-1953*; V. Alexandrova, *A History of Soviet Literature*; B. Thomson, *The Premature Revolution*.

399(iv) Selected Nineteenth Century Russian Authors (Revision Class)

Mrs Gottlieb. Sessional.

For B.A. Russian 4th yr.

Language Studies

400 Nineteenth and Twentieth Century Russian Verse (Class)

Dr Johnson. Sessional.

This course will not be given in 1973-74.

For B.A. Russian 2nd yr.

Syllabus A general discussion of the life and works of Pushkin, Lermontov, Nekrasov, Tiutchev, Fet, Blok and the Symbolists, Mayakovsky, Pasternak and the poets of the 1920's.

Recommended reading Selected Russian Texts; H. Troyat, *Pouchkine, M. Yu. Lermontov*; P. Obolensky, *The Penguin Book of Russian Verse*; S. Bonneau/Lafitte, *Alexandre Blok*; R. Poggioli, *The Poets of Russia, 1890-1930*; M. Slonim, *The Epic of Russian Literature*.

401(i) Translation and Oral Practice (Class)

Mrs Gottlieb. Sessional.

For B.A. Russian 1st yr. B.Sc. (Econ.) Part I.

401(ii) Translation and Oral Practice (Class)

Mrs Gottlieb. Sessional.

For B.A. Russian 2nd yr. B.Sc. (Econ.) Part II 2nd yr.

402(i) Russian Composition (Class)

Dr Johnson. Sessional.

For B.A. Russian 1st yr. B.Sc. (Econ.) Part I.

402(ii) Russian Composition (Class)

Dr Johnson. Sessional.

For B.A. Russian 4th yr.

403 Russian Special Subjects

Mrs Gottlieb and Dr Johnson. Sessional.

For B.A. Russian 4th yr.

Syllabus A detailed study of the life, work, and/or period of one of the following; Pushkin, Gogol, Tolstoy, Dostoevsky,

The Russian symbolists, Mayakovsky, Pasternak, Russian Literature since 1917.

404 Russian Language (Beginners) (Classes)

Mrs Gottlieb and 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.

405 Russian Language (Intermediate) (Classes)

Mrs Gottlieb and Dr Johnson. Sessional.

(This course includes Language Laboratory work.)

A continuation of 404 above. Study and translation of selected nineteenth and twentieth century philosophical and literary texts. For M.Sc. in Government and other graduate students.

ENGLISH

406 English as a Foreign Language

Mr Chapman. Twenty-four lectures, Sessional.

For students whose native language is not English.

Syllabus The sentence. Nouns; articles and other modifiers of nouns. Pronouns. The verb; questions and negative statements; use of the tenses; auxiliaries; subject and object. Direct and reported speech. Position of adverbs. Prepositions. Clauses of purpose, result and condition. Number. Word-order. Punctuation. Figures of speech. Changes of meaning. Methods of word-formation.

Recommended reading V. H. Collins, *A Book of English Idioms, with Explanations*; O. Jespersen, *Essentials of English Grammar*; C. L. Wrenn, *The English Language*; S. Potter, *Our Language*; H. W. Fowler, *Modern English Usage*;

Language Studies

The Concise Oxford Dictionary; G. H. Vallins, *The Pattern of English*; C. Barber *Linguistic Change in Present-Day English*.

406(a) English as a Foreign Language (Class)

Mr Chapman and others. In connection with Course 406.

Admission will be by permission of Mr Chapman who will allocate students to suitable groups.

407 English Speech

Mr Chapman. Five lectures, Michaelmas Term.

For students whose native language is not English, though this course may be of value to other students.

Syllabus Speech-mechanism. The basic sounds of English speech. Accent, stress and intonation. Elision and weak forms. Dialect. Modern tendencies.

Recommended reading J. R. Firth, *Speech*; 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*.

408 Written English

Mr 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*.

Law

COURSES INTENDED PRIMARILY FOR LL.B. STUDENTS

416 Public Law I: Elements of Government

Professor Griffith, Mr Thornberry
and others. Twenty lectures,
Michaelmas and Lent Terms.

For LL.B. Intermediate; Optional for
Dip. Soc. Admn. (first yr. and one-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 processes of government:*

The administrative process: its
characteristics. The working of govern-
ment. 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 S. A. de Smith,
Constitutional and Administrative Law;
J. P. Mackintosh, *The Government and
Politics of Britain*; G. Wilson, *Cases and
Materials on Constitutional and
Administrative Law*. **FURTHER READING**

AND REFERENCE: J. A. G. Griffith and H.
Street, *Principles of Administrative Law*
(5th edn.); R. F. V. Heuston, *Essays in
Constitutional Law*; W. I. Jennings, *The
Law and the Constitution* (5th edn.);

J. D. B. Mitchell, *Constitutional Law* (2nd
edn.); G. Marshall and G. C. Moodie,
Some Problems of the Constitution; B. R.

Crick, *The Reform of Parliament*; R. T.
McKenzie, *British Political Parties* (2nd
edn.); L. S. Amery, *Thoughts on the
Constitution*.

Students should consult the latest editions
of these books.

416(a) Twenty-five Classes

417 Law of Contract

Professor Grunfeld and Mr
Pickering. Forty lectures,
Michaelmas and Lent Terms.

For LL.B. Intermediate.

Syllabus Functions of contract. Back-
ground 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; inter-
pretation 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*; 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

Law

and G. Borrie, *The Consumer, Society and the Law*. Students should consult the latest editions of these books.

417(a) Twenty Classes

418 Law of Property I

Dr S. A. Roberts and Mr J. S. Anderson, Forty lectures, Michaelmas and Lent Terms. For LL.B. Intermediate.

Syllabus General introduction: purposes of property law; types of property and of property right; nature and historical origin of equitable interests. Chattels: basis of title; finding; bailment; gift; sale. Trespass to chattels, detinue and conversion. Land: tenure; estates; uses and trusts; outline of estates and interests before 1925; leases, easements, covenants, and mortgage effects in outline of 1925 legislation.

Choses in action: types; assignment of debts; negotiable instruments (in outline); transfer of shares; assignment of equitable interests.

Recommended reading TEXTBOOKS: G. C. Cheshire, *Modern Law of Real Property*; A. J. Hawkins, *Law Relating to Owners and Occupiers of Land*; R. E. Megarry, *Manual of Real Property*; J. Crossley Vaines, *Personal Property*; H. W. Wilkinson, *Personal Property*.

FURTHER REFERENCE: F. H. Lawson, *The Law of Property*; A. D. Hargreaves, *Introduction to the Principles of Land Law*; W. Friedmann, *Law in a Changing Society*. Students should consult the latest editions of these books.

418(a) Twenty-five Classes

419 English Legal System

Mr Zander, Professor Milsom and Mr Jacob. Forty-three 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.

(a) *Making the law*: sources of law; custom; precedent; statutes and statutory interpretation.

(b) *Changing the law*: the machinery of law reform; codification.

(c) *Historical development of the English legal system*: origins of common law; general outline of the forms of action; development of equity; nineteenth-century reforms.

(d) *The Courts*: their structure, organization, jurisdiction.

(e) Pre-trial:

(1) Civil: interlocutory proceedings, pleadings.

(2) Criminal: investigation of crime by the police; the Judges' Rules; police powers of search; arrest; bail.

(f) 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.

(g) *The legal profession*: judges, barristers and solicitors.

PRESCRIBED BOOKS: R. M. Jackson, *The Machinery of Justice in England*; M. Zander, *Cases and Materials on the English Legal System*.

Recommended reading C. K. Allen, *Law in the Making*; G. L. Williams, *Proof of Guilt*; P. A. Devlin, *The Criminal Prosecution in England*; *Trial by Jury*; W. R. Cornish, *The Jury*; P. Archer, *The Queen's Courts*; R. E. Megarry *The Lawyer and Litigant in England*; B. Abel-Smith and R. B. Stevens, *In Search of Justice*; M. Zander, *Lawyers and the Public Interest*; S. Dell, *Silent in Court*.

Students should consult the latest editions of these books.

419(a) Twenty-three Classes

Law

420 Public Law II

Mr Hartley, Mr Evans and Mr Reynolds. Thirty-seven lectures, Sessional.

For LL.B. Part I.

Syllabus Jurisprudential problems of public law. The concepts of parliamentary sovereignty and the rule of law. The nature of conventions. The categories of power: legislative, judicial, administrative. Judicial review of administrative action. Legal liability of the Crown and other public authorities.

Civil liberties. Constitutional position of police. Extradition, deportation and the status of aliens and Commonwealth citizens. Emergency powers.

Legal and conventional aspects of Commonwealth relations.

Recommended reading As for 416 Public Law I, with the addition of the following for FURTHER READING AND

REFERENCE: J. D. B. Mitchell, *Constitutional Law*; H. Street, *Freedom, the Individual and the Law*; Justice in the *Welfare State*; S. A. de Smith, *Judicial Review of Administrative Action*; *The New Commonwealth and its Constitutions* (chap. 1); H. W. R. Wade, *Administrative Law*; J. F. Garner, *Administrative Law*; D. C. M. Yardley, *A Source Book of English Administrative Law*; I. Zamir, *The Declaratory Judgment*; A. Rubinstein, *Jurisdiction and Illegality*; K. C. Wheare, *Constitutional Structure of the Commonwealth*; G. Marshall, *Police and Government*; A. Lester and G. Bindman, *Race Relations and The Law*; C. Turpin, *Government Contracts*.

Students should consult the latest editions of these books.

420(a) Twenty-five Classes

421 Law of Tort

Mr Dean and Mr Karsten. Forty-five lectures, Sessional.

For LL.B. Part I.

Syllabus Introduction

General observations: a brief examination of the various interests protected by

the law of tort and the mental element involved in tort generally.

Intentional torts to person and property

(a) Trespass to the person. This should cover assault, battery and false imprisonment and *Wilkinson v. Downton*. In addition, however, it is appropriate here to consider and compare malicious prosecution.

(b) Trespass to land.

(c) General defences to intentional torts to persons and property.

Negligent invasions of interests in persons and property

(a) Negligence generally (including *res ipsa loquitur*) and causation and remoteness.

(b) Particular examples of duty to take care:

- (i) Chattel liability
- (ii) Negligence in relation to premises
- (iii) Employer's duty of care to workmen
- (iv) Animals
- (v) Statement

General topics

Vicarious liability. Action for breach of statutory duty. Damages. Fatal claims. Joint torts. Limitation.

Invasion of interests in persons and property where intentional or negligent conduct need not always be proved

(a) Nuisance.

(b) *Rylands v. Fletcher*.

Interference with trading and economic interests

- (a) Interference with contract.
- (b) Conspiracy.
- (c) Intimidation.
- (d) Defamation.

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: C. A. Wright, *Cases on the Law of Torts*; J. F. Clerk and W. H. B. Lindsell, *The Law of Torts*; S. Chapman, *Statutes on the Law of Torts*; J. G. Fleming, *The Law of Torts*; W. L. Prosser, *Handbook of the Law of Torts*; J. A. Weir, *Casebook on Torts*.

Students should consult the latest editions of these books.

421(a) Twenty-three Classes**422 Law of Property II**

Professor Cornish, Mr Evans and Dr Valentine. Forty-five lectures, Sessional.

For LL.B. Part I.

Syllabus Formation of private trusts; settlements and trusts for sale of land; concurrent interests; perpetuities and accumulations.

Modern functions of the trust; concurrent interests; the impact of taxation; charitable trusts; the duties and discretions of trustees.

Land titles; private conveyancing; registration of encumbrances; registration of title; the systems compared. Remedies; actions protecting interests in chattels, land; breach of trust.

Recommended reading TEXTBOOKS: G. C. Cheshire, *Modern Law of Real Property*; R. E. Megarry, *Manual of Real Property*; J. Crossley Vaines, *Personal Property*; Marshall and Nathan, *Equity through the Cases* (5th edn); D. B. Parker and A. R. Mellows, *The Modern Law of Trusts* (2nd edn.); Hanbury, *Modern Equity* (9th edn. by R. H. Maudsley); R. H. Maudsley and Burr, *Cases and Materials on Trusts and Trustees*.

FURTHER REFERENCE: R. E. Megarry and H. W. R. Wade, *Law of Real Property*; P. H. Pettit, *Equity and the Law of Trusts*; J. H. C. Morris and W. B. Leach, *The Rule against Perpetuities*; F. H. Lawson, *The Law of Property*; K. De Schweinitz, *England's Road to Social Security*; W. H. Beveridge, *Voluntary Action*; A. E. Telling, *Planning Law and Procedure*; G. W. Keeton, *Social Change in the Law of Trusts*; G. H. Curtiss and T. B. F. Ruoff, *Registered Conveyancing*.

Students should consult the latest editions of these books.

422(a) Twenty-five Classes**423 Criminal Law**

Mr Hall Williams and Miss Temkin. Forty-six lectures, Sessional.

For LL.B. Part I.

Syllabus A. General Principles of Responsibility.

The need for a principle of responsibility and the growth of strict responsibility. Objective and subjective tests of liability. The meaning of *Actus Reus* and *Mens Rea*. Acts and omissions. Voluntary and involuntary conduct. Causation. Intention, recklessness and negligence. Principles of construction of penal legislation. Attempts, conspiracy and degrees of participation. General defences.

Specific Problems of Responsibility.

Mental disorder: insanity, diminished responsibility and the treatment of the mentally ill. Infancy. Corporations and group responsibility. Vicarious liability.

B. Specific Crimes: Legal Definition and Social Pathology.

The more important criminal offences against person and property will be considered against the context of behavioural patterns in society and the use of the criminal law as a means of social control.

C. Introduction to Criminology.

Causal factors in crime. Crime prevention. Theory and purposes of punishment. The sentencing process and the function of the Courts; principles of sentencing policy. Treatment of offenders.

Recommended reading BASIC TEXTBOOKS: J. C. Smith and B. Hogan, *Criminal Law*; R. Cross and P. A. Jones, *Introduction to Criminal Law*; Cases on Criminal Law; D. W. Elliott and J. C. Wood, *A Casebook on Criminal Law*.

FURTHER READING: J. C. Smith, *The Law of Theft*; 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*; N. Walker, *Crime and Punishment in Britain*; *Sentencing in a Rational Society*; D. A. Thomas, *Principles of Sentencing*; J. E. Hall Williams, *The English Penal System in Transition*; Report of the Royal Commission on Capital Punishment, 1953 (Cmd. 8932); Report of the Interdepartmental Committee on the

Business of the Criminal Courts (Streatfeild Committee) (Cmd. 1289); Criminal Law Revision Committee, Eighth Report, *Theft and Related Offences*, 1966 (Cmd. 2977).

Students should consult the latest editions of these books.

423(a) Twenty-three Classes**424 Sentencing and the Treatment of Offenders**

Mr Hall Williams. Five lectures, Lent Term.

Optional for LL.B. Part I; LL.M.

Syllabus The aims of punishment for crime. The sentencing process. A brief account of current trends in the treatment of offenders.

Recommended reading N. Walker, *Crime and Punishment in Britain*; *Sentencing in a Rational Society*; J. E. Hall Williams, *The English Penal System in Transition*; R. Cross, *The English Sentencing System; Punishment, Prison and the Public* (*Hamlyn Lectures*); H. L. A. Hart, *Punishment and Responsibility*; Report of the Interdepartmental Committee on the Business of the Criminal Courts (Streatfeild Committee) (Cmd. 1289); H.M.S.O., *The Sentence of the Court*, 1969; *People in Prison*, 1969.

425 Jurisprudence

Mrs Reid, Dr Lapenna, Mr Reynolds and Mr Schiff. Fifty lectures, 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

3. Theories or interests. Sociological theories.

4. Marxist theories of law. State and revolution, development of communist law.

5. Imperative theories of law. Positivism: will, sanction, duty, sovereignty.

6. 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.

7. Predictive theories of law. The judicial process.

8. Psychological theories of law: law as fact.

9. Analytical positivism.

10. Legal terminology. Rights and duties.

Recommended reading will be given during the course.

425(a) Twenty-five Classes**426 Law of Evidence**

Mr Dean. Fifty lectures, Sessional.

For LL.B. Part II.

Syllabus 1. Form of trial at Common Law: influence of relationship of judge and jury and adversary system on rules of evidence; decline of jury.

2. What may be proved: (i) facts in issue; (ii) facts probative of facts in issue; (iii) facts relevant to reliability and credibility; (iv) facts conditioning admissibility.

3. Rational basis of proof: direct and inferential proof; validity and limitations of circumstantial proof; non-permissible inferences; prejudice; evidence of character of parties and similar facts; *res gestae*.

4. Incidence of proof: burdens; presumptions and standard of proof.

5. Form of evidence: (i) oral testimony: validity and sources of error; attendance of witnesses; competence and compellability; examination in court; techniques developed to test reliability and credibility, especially cross-examination; self-serving and inconsistent statements; character and credit of witnesses; position of accused under the Criminal Evidence Act, 1898; corroboration. (ii) documentary evidence: public, judicial and private documents; discovery; proof of contents and execution, extrinsic evidence. (iii) real evidence. (iv) new scientific and technical forms of proof: tape recorders, lie detectors, medical tests and photographs etc. Importance of the expert witness.

6. Exclusion of unreliable evidence: (i) best evidence rule; (ii) opinion; (iii) hearsay and its exceptions, including further consideration of *res gestae*.

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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: R. Cross, *Evidence*; G. D. Nokes, *An Introduction to Evidence*, may be used in order to become acquainted with the subject; E. Cockle, *Cases and Statutes on Evidence*.

FURTHER READING: J. Bentham, "The Rationale of Judicial Evidence" (*The Works of Jeremy Bentham*, Ed. J. Bowring); Z. Cowen and P. B. Carter, *Essays on the Law of Evidence*; E. M. Morgan, *Some Problems of Proof under the Anglo-American System of Litigation*; J. F. Stephen, *A Digest of the Law of Evidence*; J. B. Thayer, *A Preliminary Treatise on Evidence at the Common Law*; J. H. Wigmore, *Science of Judicial Proof*; G. L. Williams, *The Proof of Guilt*.

FOR REFERENCE: J. F. Archbold, *Pleading Evidence and Practice in Criminal Cases*; S. L. Phipson, *The Law of Evidence*; J. P. Taylor, *A Treatise on the Law of Evidence*; J. H. Wigmore, *A Treatise of the Anglo-American System of Evidence*.

Students should consult the latest editions of these books.

426(a) Twenty-five Classes

427 History of English Law

Professor Milsom. Twenty-two lectures, Sessional.

For LL.B. Part II.

Syllabus The history of the following matters from the Conquest to the Judicature Acts; legal institutions and procedures; the profession and legal literature; property, contract, tort and crime.

Recommended reading S. F. C. Milsom, *Historical Foundations of the Common Law*; T. F. T. Plucknett, *Concise History of the Common Law*; J. H. Baker,

Introduction to English Legal History; G. R. Y. Radcliffe and G. Cross, *The English Legal System*; C. H. S. Fifoot, *History and Sources of the Common Law (Contract and Tort)*; A. W. B. Simpson, *Introduction to the History of the Land Law*.

FOR REFERENCE: F. Pollock and F. W. Maitland, *History of English Law*; W. S. Holdsworth, *History of English Law*; T. F. T. Plucknett, *Early English Legal Literature*.

Students should consult the latest editions of these books.

427(a) Twenty-two Classes

428 Public International Law

Professor D. H. N. Johnson and Dr Valentine. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus *International Law in Perspective:* Definition and distinctions; historical, sociological and ethical perspectives; doctrinal controversies; the expansion of international society; the expanding scope of international law.

Foundations of International Law: Formation of International Law; law-creating processes and law-determining agencies; sources and evidences; principles, rules and standards; international law and municipal law.

International Personality: Subjects of International Law; sovereignty and state equality; recognition; international representation; heads of state; foreign offices; diplomatic relations; consular relations; continuity and discontinuity of international personality.

State Jurisdiction: Territorial jurisdiction; personal jurisdiction; other bases of jurisdiction; limitations of state jurisdiction.

Objects of International Law: Territory; land frontiers; maritime frontiers; the high seas; air space; outer space; individuals and the movement towards a wider recognition of human rights; business enterprises; ships; aircraft; spacecraft.

International Transactions: Treaties and

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other international agreements; unilateral acts; international responsibility.

International Order and Organization: Pacific settlement of international disputes; legal and illegal uses of force; regulation of armed conflicts; war and neutrality; legal organization of international society; patterns for the development of international law.

Recommended reading PRELIMINARY

READING: J. L. Brierly, *The Law of Nations* (6th edn. by H. Waldock).

TEXTBOOKS: I. Brownlie, *Principles of International Law*; D. W. Greig, *International Law*; G. Schwarzenberger, *International Law as Applied by International Courts and Tribunals*; J. G. Starke, *Introduction to International Law*. CASEBOOKS AND MATERIALS: L. C. Green, *International Law through the Cases* (3rd edn.); I. Brownlie, *Basic Documents in International Law*.

FURTHER READING: W. Friedmann, *The Changing Structure of International Law*; H. Lauterpacht, *The Development of International Law by the International Court*; 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. V. Jennings, *The Acquisition of Territory*; D. H. N. Johnson, *Rights in Air Space*; F. Vallat, *International Law and the Practitioner*.

Students should consult the latest editions of these books.

PERIODICALS: *The American Journal of International Law*; *The British Year Book of International Law*; *The International and Comparative Law Quarterly*; *International Organisation*; *Recueil des Cours, Académie de Droit International de la Haye*; *The Year Book of World Affairs*.

428(a) Twenty-three Classes

429 Conflict of Laws

Mr Hartley and Mr Karsten. Forty seminars, Michaelmas and Lent Terms.

For LL.B. Part 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; legitimacy, legitimation and adoption.

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, *Conflict of Laws*; J. H. C. Morris, *Cases on Private International Law*. **REFERENCE:** A. V. Dicey and J. H. C. Morris, *Conflict of Laws*.

Students should consult the latest editions of these books.

430 Mercantile Law: Agency and Sales and Other Dispositions of Goods

Mr Pickering, Mr Dean and Mrs Reid. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus *Agency.* The nature of the principal-agent relationship and the rights and duties of the parties *inter se* and *vis-à-vis* third parties. The scope of the agent's authority. The effect of the Factors Act, 1889, and the termination of agency.

Sales and other dispositions of goods. The nature and special rules relating to sale of goods and hire purchase contracts. C.i.f., f.o.b., and other special forms of international sales. Bills of sale, pledges, bailments, gifts *inter vivos* and *donationes*

mortis causa. The effects of bankruptcy and liquidation.

Recommended reading PRELIMINARY: chapters on agency in G. C. Cheshire and C. H. S. Fifoot, *Law of Contract*; chapters on sale of goods, hire purchase, bailments and bankruptcy in T. M. Stevens, *Elements of Mercantile Law* and J. Charlesworth, *Principles of Mercantile Law*; G. Borrie and A. L. Diamond, *The Consumer, Society and the Law*.
TEXTBOOKS: P. S. Atiyah, *The Sale of Goods*; A. L. Diamond, *Introduction to Hire Purchase Law*; G. H. L. Fridman, *Sale of Goods*; E. R. H. Ivamy, *Casebook on the Sale of Goods*; *Casebook on Mercantile Law*; C. M. Schmitthoff, *The Sale of Goods*; *Legal Aspects of Export Sales* (Institute of Export publication); J. C. Vaines, *Personal Property*; R. Powell, *The Law of Agency*; G. H. L. Fridman, *Law of Agency*; S. J. Stoljar, *The Law of Agency*.

REFERENCE: W. Bowstead, *The Law of Agency*; M. D. E. S. Chalmers, *Sale of Goods Act, 1893*; *Final Report of the Committee on Consumer Protection, 1962*, parts I and IV (Cmnd. 1781); *Consumer Protection—Report of the Committee, 1971* (Cmnd. 4596); R. M. Goode, *Hire-purchase Law and Practice*; A. G. Guest, *The Law of Hire Purchase*; G. W. Paton, *Bailment in the Common Law*; C. M. Schmitthoff, *The Export Trade*.

Students should consult the latest editions of these books.

Copies of the Sale of Goods Act, 1893, the Factors Act, 1889, the Bills of Sale Acts, 1878 and 1882, the Hire Purchase Acts, 1964 and 1965, the Supply of Goods (Implied Terms) Act 1973, and the Fair Trading Act 1973, will be provided in the examination room.

430(a) Twenty Classes

431 Labour Law

Professor Wedderburn, Professor Grunfeld and Mrs Reid. Thirty-five lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus The scope and sources of Labour Law. The institutions of Labour Law. "Servant", "employee", "workman", "worker", "independent contractor", "self-employed person". The contract of employment: formation; effect; obligations of employer and employees, express and implied. Termination of the contract and remedies for breach.

Statutes affecting employment: for example in regard to written particulars of terms; payment of wages; minimum remuneration and holidays; notice to terminate; dismissals, including unfair dismissals; hours of work; special groups of workers; redundancy payments; workers' rights to organize or to refuse to join unions, and the status of such unions. Outline of the law relating to social security: sickness, unemployment and industrial injuries and disablement benefit. Collective bargaining and legal regulation. Bargaining units and sole bargaining agents. Limits on the right to organize—closed shops and agency shops. Unfair industrial practices in collective bargaining. Collective agreements and their legal framework: their relationship with the contract of employment. Disclosure of information to workers' representatives. Fair wages clauses. Other legislation affecting collective agreements. Counter-inflation Acts. Trade unions: legal structure; government and administration (including expulsion); inter-union relations; political activities.

The master's responsibility for the safety of his servant. Negligence and breach of statutory duty. Health, safety and welfare and other conditions of work in factories, shops, mines and transport. The authorities responsible for enforcement. Compensation for injured employees. The legal aspects of industrial disputes; strikes, lock-outs and other industrial action. Criminal and civil liability for acts done in connection with industrial conflict, especially unfair industrial practices. The effect of statute. The impact on trade disputes of social security law. Emergencies and the law. Conciliation, arbitration, committees and courts of inquiry. Voluntary and statutory machinery. The place of the Department of Employment.

Recommended reading The Industrial Relations Act 1971; The Code of Industrial Relations Practice; R. W. Rideout, *Principles of Labour Law*; O. Kahn-Freund, *Labour and the Law*; K. W. Wedderburn, *The Worker and the Law*; Department of Employment, *Guide to Industrial Relations Act 1971*; B. A. Hepple and P. O'Higgins, *Individual Employment Law*; O. L. Aikin and J. M. Reid, *Labour Law, Vol. I, Employment Welfare and Safety at Work*: Report of Royal Commission on Trade Unions and Employers' Associations; C. Grunfeld, *Law of Redundancy*; H. A. Clegg, *The System of Industrial Relations in Great Britain*; A. Flanders, *Trade Unions*; A. Redgrave, *Factories, Truck and Shop Acts*; Mansfield Cooper and J. Wood, *Outlines of Industrial Law*; N. Citrine, *Trade Union Law*; C. Grunfeld, *Modern Trade Union Law*; H. Vester and H. A. Cartwright, *Industrial Injuries*, Vols. I and II; E. Jenkins (Ed.), *Digest of Decisions of the Commissioner under the National Insurance Acts*; K. W. Wedderburn and P. L. Davies, *Employment Grievances and Disputes Procedures in Britain*; S. Anderman, *Voluntary Dismissals Procedure and the Industrial Relations Act*; 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*; B. Aaron and K. W. Wedderburn (Eds.), *Industrial Conflict: A Comparative Legal Survey*; G. H. L. Fridman, *Modern Law of Employment*. Students should consult the latest editions of these books.

431(a) Twenty-five Classes

432 Domestic Relations

Dr Stone. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus (a) MARRIAGE. Requirements of a valid marriage. Form of marriage (in

outline only). Grounds for nullity. Void and voidable marriages. Capacity and consent of parties and third persons; consanguinity and affinity. Polygamous marriages.

(b) THE EFFECT OF MARRIAGE ON PROPERTY RIGHTS. Common law, equity and statute. Title to and possessory rights in property. Liability in contract. Divorce, judicial separation and the powers of the Court in financial provision. Matrimonial proceedings in the magistrates' courts. Candidates will not be required to display any knowledge of the details of court procedure.

(c) PARENT AND CHILD. The relation of parent and child, including legitimacy, legitimation and adoption. Custody and guardianship; the rights and obligations of parents at common law, in equity and by statute. Rights and obligations in respect of illegitimate children. The intervention of courts and of local authorities under the Children and Young Persons Acts and the Children Acts.

Recommended reading The latest editions of all books should be used.

PRELIMINARY READING: F. Pollock and F. W. Maitland, *History of English Law before the Time of Edward I*, Vol. II, chaps. 6 and 7; A. V. Dicey, *Lectures on the Relation between Law and Public Opinion in England During the Nineteenth Century*, chap. 11; Law Commission reports.

TEXTBOOKS: J. Eckelaar, *Family Security and Family Breakdown*; P. M. Bromley, *Family Law*; Sweet and Maxwell's *Family Law Statutes* (1970).

Students should also read articles on recent statutes and court decisions in *The Modern Law Review*, *The Law Quarterly Review* and *The Conveyancer*.

REFERENCE BOOKS: W. Rayden, *Practice and Law in the Divorce Division of the High Court and on Appeal Therefrom*; H. K. Bevan, *The Law Relating to Children*; C. Foote, R. J. Levy and F. E. A. Sander, *Cases and Materials on Family Law*.

432(a) Twenty Classes

433 The Administration of Estates and Trusts

Dr Stone and Mr Bretten. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus The nature and purpose of the office of personal representative and his powers and duties: the administration of assets of solvent and insolvent estates. Intestacy and Family Provision.

The nature and purpose of the office of trustee and his powers and duties; the administration of the assets of a trust and methods of variation of the terms of a trust.

The capacity, appointment, retirement, renewal, remuneration and reimbursement of personal representatives and trustees and the control of the court over them.

The remedies of a beneficiary for breach of duty by a personal representative or trustee.

An outline of the law of estate duty, income tax and capital gains tax affecting estates and trusts.

Recommended reading A. R. Mellows, *The Law of Succession*; Sweet and Maxwell's *Property Statutes*; D. B. Parker and A. R. Mellows, *The Modern Law of Trusts* or Hanbury, *Modern Equity*; B. Pinson, *Revenue Law*; and G. S. A. Wheatcroft (Ed.), *Guide to the Estate Duty Statutes*.

FURTHER READING: *Williams on Executors and Administrators*; Nathan and Marshall, *A Casebook on Trusts*; C. N. Beattie, *The Elements of Estate Duty*; Whiteman and Wheatcroft, *Income Tax and Surtax*; A. J. Easson, *Cases and Materials in Revenue Law*; Norcom, *Estate Duty Saving*; D. C. Potter and H. H. Monroe, *Tax Planning* and J. Philip Lawton, *Tax Planning for the Family Solicitor*.

Students should consult the latest editions of all books.

433(a) Twenty Classes**434 The Law of Business Associations**

Mr Pickering and Mr Nock. Thirty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus Historical development of the trading association: social and legal reasons for the rise of the modern registered company with limited liability.

Partnerships: the dominant features of partnership law.

Statutory demands for incorporation, and other modern unincorporated commercial groups: the unit trust.

The modern registered company:

(a) Constitution; administration; corporate personality; types of company and their function; capacity and *ultra vires*. (b) Flotation; shares and debentures (in outline); protection of investors, creditors and depositors.

(c) Shareholders as members; protection of the minority. (d) Directors and management: as agents and "*alter ego*"; fiduciary and statutory duties; the auditor. (e) Maintenance of capital; reconstructions, mergers and problems of take-overs.

Other topics of company law will be touched on only lightly, e.g. details on transfer of securities and priorities; accounts; winding-up.

Other business associations (in outline), e.g. industrial and provident societies; friendly societies; public corporations. Functions of different kinds of commercial associations and comparison of their problems, e.g. control of management; relations with employees; impact of the "public interest", state shareholding etc.

Note Company Law will not normally account for more than two-thirds of this course. Copies of the Companies Acts, 1948 and 1967 will be provided in the examination room.

Recommended reading L. C. B. Gower, *Modern Company Law*; J. F. Northey and L. H. Leigh, *Introduction to 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. D. Drake, *Law of Partnership*;

H. R. Hahlo and M. J. Trebilcock, *A Casebook on Company Law* (London, 1970); 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.

434(a) Twenty Classes**435 Administrative Law with special reference to Local Government**

Professor Griffith. Twenty lectures, Michaelmas Term.

For LL.B. Part II.

Syllabus The nature of local government. The development of local government in England and Wales since 1834. The structure of local authorities. The movement for reform in Greater London and elsewhere. The financing of local government. The local government franchise. The composition of local authorities. The committee system and the position of local government officers. The administrative, legislative and judicial powers and procedures as they affect the housing, town and country planning, and education functions of local authorities. Judicial review of administrative action as it affects local authorities. The criminal, contractual and tortious liability of local authorities. The doctrine of *ultra vires*.

Recommended reading BASIC TEXTBOOKS: W. O. Hart, *Introduction to the Law of Local Government and Administration* (8th 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* (2nd edn.); C. A. Cross, *Principles of Local Government Law* (4th edn.); J. A. G. Griffith, *Central Departments and Local Authorities*; W. A. Robson, *Local Government in Crisis*; H. W. R. Wade, *Administrative Law* (3rd edn.); J. F. Garner, *Administrative Law* (3rd edn.).

GOVERNMENT PUBLICATIONS: Report of Royal Commission on Local Government in Greater London (1960); Report of Committee on the Management of Local Govern-

ment (1967); Report of Committee on 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).

435(a) Twenty Classes**436 International Protection of Human Rights**

Mr Thornberry. Thirty-five meetings, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus 1. *International Society and Its Law. Jus naturale* and the growth of the modern law of nations; the rise of positivism and the idealisation of the State; twentieth-century criticisms of consensualism and its qualified rejection; the theories of sovereignty; sovereignty's functions and repercussions in the society of States; the unorganized formal structure of that society; the traditional sources of international law; the law of treaties; "custom" and "general principles": their varying interpretations; the S.W. Africa Case (1966) and its illumination of the problems of traditional international law; the relationship between international and municipal law; the history of the concept of international legal personality.

2. *The Individual in International Law.* Contrast between early and nineteenth-century international law; nationality and protection; the Nottebohm and Barcelona Traction Cases; "minimum standards of civilisation" for aliens; deficiencies of the law of diplomatic protection and its application; the principles of the law of State responsibility and local remedies.

3. *Historical Bases of the Modern Law.* Protection of minorities: slavery; "humanitarian intervention" of the nineteenth century; basis of League of Nations concern; the machinery of the League; the Upper Silesian experiment; were the League's efforts a failure? The protection of minorities and the prevention of discrimination; minorities and

humanitarian intervention under the U.N. Charter; significance of and reasons for the change in emphasis.

Human Rights Standards and the I.L.O.: History, organization, functions of the International Labour Organization; I.L.O. conventions and recommendations; implementation techniques; complaints procedures.

Humanitarian regulation of conduct of hostilities: customary and treaty law in outline; war crimes; significance of post-1945 trials; Geneva Conventions of 1949; genocide; proposals for an international criminal court.

4. *Promotion and Protection by the United Nations*. 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-self-governing 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.

5. *International Non-Governmental Organizations*. Variety, functions, activities, relevance; the International Committee of the Red Cross; human rights and mass communications.

6. *Regional Human Rights Provisions*. Reasons for development outside Western Europe; the context of international organizations and human rights standards in Western Europe; the European Convention on Human Rights and Fundamental Freedoms; functions of the various organs of the Council of Europe relating to the Convention; machinery and procedure under the Convention; the admissibility of applications; the roles of the Commission and the Court; case-law under particular articles of the Convention and Protocols.

7. *Ideological and Philosophical Foundations*. Leading theoretical attitudes to international protection;

civil and political or economic and social emphases; politics and dynamics of human rights.

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*.

SPECIALIST WORKS: J. Carey, *U.N. Protection of Civil and Political Rights*; A. Eide and A. Schou (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*.

Study notes and detailed reading list will be given at the beginning of the course.

436(a) Fifteen Classes

437 Basic Principles of Soviet and Yugoslav Legal Systems

Dr Lapenna. Thirty lectures, Sessional.

For LL.B. Part 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. System: 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, juriconsults, state 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. Kovacs, *New Elements in the Evolution of Socialist Constitution*; I. Lapenna, *State and Law*; *Soviet and Yugoslav Theory*; *Soviet Penal Policy*; P. S. Romashkin, *Fundamentals of Soviet Law*.

Further reading will be given during the course.

437(a) Twenty-five Classes

438 Legislation

Professor Griffith and Mr Rowlands will hold a Seminar in Michaelmas and Lent Terms.

For LL.B. Part II; B.Sc. (Econ.) Part II and any other students who are interested.

Syllabus The activity of legislating. The language of legislation. The process of

legislation. The judicial attitude to legislation.

Recommended reading will be given during the course.

438(a) Twenty Classes

439 Law in Tribal Societies

Dr S. A. Roberts. Twenty-five lectures, Sessional.

For LL.B. Part II.

Syllabus (1) *The Nature and Sources of Law in Tribal Societies*.

A brief introduction to the development of research into primitive law; problems of identifying law in tribal societies; law in relation to political systems and kinship organisation; sources of law in custom, precedent and legislation.

(2) *Agencies and Procedures for the Settlement of Disputes*.

The different types of agencies for the settlement of disputes found in tribal societies; traditional methods of procedure and modes of proof.

(3) *Selected Topics in the Substantive Law*. Until further notice, the selected topics will be the three following:

(a) Marriage—the nature of marriage in tribal societies; the levirate and sororate; prestations associated with marriage; divorce.

(b) Inheritance—rules about devolution, including traditional will-making procedures and dispositions *inter vivos* made in contemplation of death; administration of estates.

(c) Land tenure—the kinds of interest in land recognised in tribal societies; methods of transfer of such interests.

(4) *Change of Laws in Traditional Societies*.

An examination of the ways in which changes take place in the law of a traditional society, otherwise than through direct intervention by a colonial power or the government of a newly-independent state.

Recommended reading TEXTBOOKS: Gluckman, *Ideas in Barotse Jurisprudence*, New Haven, 1965; Gulliver, *Social Control in an African Society*, London,

1963; Hoebel, *The Law of Primitive Man*, Cambridge, Mass., 1954.

FURTHER READING: Bohannon, *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; Hogbin, *Law and Order in Polynesia*, London, 1934; Llewellyn and Hoebel, *The Cheyenne Way*, Norman, 1941; Malinowski, *Crime and Custom in Savage Society*, London, 1926; Pospisil, *Anthropology of Law*, New York, 1971; Schapera, *Tribal Legislation among the Tswana of the Bechuanaland Protectorate*, London, 1943.

440 The Law Relating to Sentencing in England and Wales

Not being given in Session 1973/74.

Syllabus Theories of the function and limitations of punishment; legislative framework of sentencing; courts and the sentencing process.

Principles governing the use of imprisonment and fines. The use of individualised sentences: probation, borstal training, hospital orders. Particular problems in sentencing. Current developments in sentencing: foreign systems.

Recommended reading will be given at the beginning of the course.

441 The Law Relating to Civil Liberties in England and Wales

Mr Evans. Ten meetings, Michaelmas Term.

For LL.B. Part 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 H. Street, *Freedom, the Individual and the Law*; I. Brownlie, *Law Relating to Public Order*; D. G. T. Williams, *Keeping the Peace*; Emersen, Haber and Dorsen, *Cases and Materials*

in Civil Liberties, Vol. I; S. A. de Smith, *Constitutional and Administrative Law*.

Further reading will be given during the course.

442 Law and the "Underprivileged"

Mr Zander. Ten meetings, Michaelmas Term.

For LL.B. Part II.

Syllabus (1) The low-income tenant: (a) private tenants: security of tenure; harassment; rent fixing; repairs and improvements; slum clearance from the slum tenants' point of view; overcrowding. (b) local authority tenants: allocation; rents and rent rebates; eviction. (2) Consumer credit and the indigent. (3) Social security: the legal position of the recipient of social security; entitlement *versus* discretion; challenges to wrongful decisions. (4) Procedure: judicial review; the class or representative action; the role of *amicus curiae* and written briefs; the legal profession; and the rules of professional etiquette on legal services for the poor.

Recommended reading Housing Finance Act 1972; Rent Act, 1968; Rent Act, 1965, Part III; Housing Act, 1957; Report of the Milner Holland Committee on *Housing in Greater London* (Cmd. 2605, 1965); Report of the Cullingworth Committee on *Council Housing Purposes, Procedures and Priorities*, 1969; E. Burney, *Housing on Trial*; H. Rose, *The Housing Problem*; Report of the Francis Committee on the Rent Acts 1971 (Cmd. 4609, 1971); Report of the Crowther Committee on Consumer Credit (Cmd. 4596, 1971) together with memoranda to the Committee from *inter alia*, the Consumer Council, the Consumers' Association, the Hire Purchase Trade Association, and the Finance Houses Association; D. Caplovitz, *The Poor Pay More*; Social Security Act, 1966; D. Marsden, *Mothers Alone*; A. Delafield Smith, *The Right to Life*; S. A. de Smith, *Judicial Review of Administrative Action* (2nd edn.); W. W. Boulton, *Conduct and Etiquette at the Bar* (4th edn.); T. Lund, *The Professional Conduct and Etiquette of Solicitors*.

BACKGROUND READING: P. Townsend, "On

Poverty" (*The British Journal of Sociology*, 1956); P. Townsend, *The Last Refuge* (chaps. 4, 12 and 17); A. Harvey, *Casualties of the Welfare State* (Fabian Tract); R. M. Titmuss, *Commitment to Welfare*; A. B. Atkinson, *Poverty in Britain and the Reform of Social Policy*; J. H. Marshall, *Social Policy*.

COURSES INTENDED PRIMARILY FOR B.Sc. (Econ.) STUDENTS

443 English Legal Institutions

Mr Zander and Mr Jacob.

Twenty-two lectures, Sessional.

For B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Geog., Soc.

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.

Recommended reading PRELIMINARY READING: G. L. Williams, *Learning the Law*; P. Archer, *The Queen's Courts*. TEXTBOOKS: R. M. Jackson, *The Machinery of Justice in England*; M. Zander, *Cases and Materials on the English Legal System*.

FURTHER READING: C. K. Allen, *Law in the Making*; P. A. Devlin, *The Criminal Prosecution in England*; *Trial by Jury*; G. L. Williams, *The Proof of Guilt*; R. E. Megarry, *Lawyer and Litigant in England*; B. Abel-Smith and R. B. Stevens, *In Search of Justice*; M. Zander, *Lawyers and the Public Interest*.

Students should consult the latest editions of these books.

443(a) Fourteen Classes

444 Elements of Commercial Law A: Contract

Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc. preliminary yr.

Syllabus

1. Formation of a valid contract: intention to create legal relations, offer and acceptance, legal basis of standard contracts, consideration, capacity, form, misrepresentation, mistake, duress, undue influence, illegality (restraint of trade).
2. Content: implied term, control of exemption clauses.
3. Privity: exceptions to the doctrine.
4. Discharge: performance, variation, breach, frustration.
5. Remedies for breach of contract: repudiation, damages, specific performance, injunction. Limitation of action.

Note Candidates will be supplied in the examination room with copies of the Misrepresentation Act, 1967.

Recommended reading Relevant chapters in J. Charlesworth, *The Principles of Mercantile Law*; or T. M. Stevens, *Elements of Mercantile Law*; P. S. Atiyah, *Introduction to the Law of Contract*.

FOR REFERENCE: J. C. Smith and J. A. C. Thomas, *A Casebook on Contract*; G. C. Cheshire and C. H. S. Fifoot, *The Law of Contract*.

Students should use the latest editions of the above books.

444(a) Ten Classes

445 Elements of Commercial Law B: Partnership and Company Law

Mr Nock. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc. preliminary yr.

Syllabus The nature and advantages of corporate personality and the distinction between companies incorporated under the Companies Act, and partnerships, and limited partnerships. The law as codified in the Partnership Act, 1890. Proceedings

against partners and proof of partnership and separate debts in bankruptcy. Companies registered under the Companies Act, 1948. Formation and flotation. *Ultra vires*. Raising and maintenance of capital and dividends. Agents and organs of the company and the rule in *Royal British Bank v. Turquand*. Shares and debentures. Charges on the company's property. Publicity; annual returns, accounts, and audit. Meetings and resolutions. The duties of directors and problems of enforcement. Protection of the minority and their remedies. Reconstructions, amalgamations and winding-up (in outline only).

Note Candidates will be supplied in the examination room with copies of the Partnership Act, 1890 and the Companies Acts, 1948 and 1967.

Recommended reading A. Underhill, *Principles of the Law of Partnership*; C. Drake, *Law of Partnership*; J. A. Hornby, *An Introduction to Company Law*; J. Charlesworth, *Company Law*; Leigh and Northey, *Company Law*.
FOR REFERENCE: L. C. B. Gower, *The Principles of Modern Company Law*; R. R. Pennington, *The Principles of Company Law*. Students should consult the latest editions of these books.

445(a) Five Classes

446 Elements of Commercial Law C: Consumer Protection
Mrs Reid. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II. (Students specialising in Economics, Analytical and Descriptive, Monetary Economics or in Industry and Trade should take *either* this course *or* Course No. 447.)

Syllabus The nature of contracts for the sale of goods and hire-purchase and special rules relating to such contracts. The exclusion of terms implied by legislation. The remedies of parties involved in sale and hire-purchase transactions, and restrictions upon their exercise. An outline of the law relating to weights and measures, merchandise

marks, manufacturers' liabilities, advertising and sales practices.

Note Candidates will be supplied in the examination room with copies of the Sale of Goods Act, 1893 and the Hire Purchase Acts of 1964 and 1965.

Recommended reading R. Lowe, *Sale of Goods and Hire-purchase*; G. J. Borrie and A. L. Diamond, *The Consumer, Society and the Law*; P. S. Atiyah, *The Sale of Goods*; A. L. Diamond, *Introduction to Hire-Purchase Law*; T. M. Stevens, *Elements of Mercantile Law*; J. Charlesworth, *Principles of Mercantile Law*; G. J. Borrie, *A Source Book of Commercial Law*; H.M.S.O. Consumer Council, *Justice out of Reach*.

FOR REFERENCE: Final Report of the Committee on Consumer Protection 1962 (Cmd. 1781), Report of the Committee on Consumer Credit 1971 (Cmd. 4596); E. R. H. Ivamy, *Casebook on the Sale of Goods*; *Casebook on Mercantile Law*; C. M. Schmitthoff, *The Sale of Goods*; G. H. L. Fridman, *Sale of Goods*.

Students should consult the latest editions of these books.

446(a) Six Classes

447 Elements of Commercial Law D: Income and Capital Taxation of Individuals and Corporations
Mrs Manduke Curtis. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II. Students specialising in Economics, Analytical and Descriptive, Monetary Economics or in Industry and Trade should take *either* this course *or* Course 446.

Syllabus General outline of Income Tax and Surtax, Corporation Tax and Capital Gains Tax; the basis of taxation of individuals and of companies; the Schedules and their effect with particular reference to Cases I and II of Schedule D and Schedules E and F.

Recommended reading will be given during the course.

447(a) Twenty Classes

448 Elements of Labour Law
Professor Grunfeld, Mr R. M. Lewis and Mrs Reid. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Personnel Management; Trade Union Studies course and other industrial relations students.

Syllabus 1. Collective labour relations:

a Trade unions: legal structure; government and administration (including expulsion); inter-union relations; political activities.

b Collective bargaining: strikes and other forms of industrial action; traditional role of Government (conciliation, arbitration, fact-finding); legal effect and enforcement of collective agreements; extension of representative collective agreements (Fair Wages Resolution, fair wages legislation, Terms and Conditions of Employment Act, 1959); substitute machinery for collective bargaining (minimum wages legislation). Legal regulation of bargaining units and agents and of the closed shop. Disclosure of information. Role of the Commission on Industrial Relations and other agencies.

c The effect of the Industrial Relations Act, 1971.

2. Individual labour relations:

a Nature of the contract of employment: structure; employment, a voluntary relationship; servant and independent contractor, employed and self-employed persons.

b Wages: Factories Act "Particulars"; checkweighing; non-disciplinary deductions.

c Hours and holidays with pay: women and young persons, children and adult male workers.

d Sickness: common law rights; sickness benefits and sick pay schemes.

e Disciplinary powers of management: common law duties of employees; employers' sanctions; negotiated procedures; dismissals.

f Termination of employment: redundancy; unemployment benefit; unfair and wrongful dismissals.

g Safety and health:

(i) common law duties; common law action for damages;

(ii) principal statutory duties; criminal and administrative sanctions; common law action for damages;

(iii) industrial injury and disablement benefit.

h Prohibition of discrimination on grounds of race and sex: Race Relations Act, 1968, Equal Pay Act, 1970.

i Individual legal rights in respect of union membership.

Recommended reading O. L. Aikin and J. M. Reid, *Labour Law*, Vol. I, *Employment, Welfare and Safety at Work*; C. Drake, *Labour Law*; C. Grunfeld, *Modern Trade Union Law*; K. W. Wedderburn, *The Worker and the Law*; *Cases and Materials on Labour Law*; Report of Royal Commission on Trade Unions and Employers' Associations; D.E., *Guide to Redundancy Payments Act 1965* (revised edn.); O. Kahn-Freund, "Legal Framework" in A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain*; O. Kahu-Freund, "Labour Law" in M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*; O. Kahn-Freund, *Labour and the Law*; H.M.S.O., *Industrial Relations Handbook and Research Papers of the Royal Commission on Trade Unions and Employers' Associations*.

FOR REFERENCE: W. Mansfield Cooper, *Outlines of Industrial Law*; N. Citrine, *Trade Union Law*; A. Redgrave, *Factories, Truck and Shops Acts*; J. H. Munkman, *Employers' Liability at Common Law*; O. Kahn-Freund (Ed.), *Labour Relations and the Law*; D. C. L. Potter and D. H. Stansfield, *National Insurance (Introduction) and National Insurance (Industrial Injuries) Act (Introduction)*; *Written and Oral Evidence to the Royal Commission of C.B.I. and T.U.C.*; B. Hepple, *Race, Jobs and the Law in Britain*; C. Grunfeld, *Law of Redundancy*; B. Aaron and K. W. Wedderburn (Eds.), *Industrial Conflict: A Comparative Legal Survey*.

Students should consult the latest editions of these books.

Law

448(a) Twenty Classes

449 Constitutional and Administrative Law

Mr Hartley. Twenty-three lectures, Sessional.

For B.Sc. (Econ.) Part II.

Syllabus The nature of constitutional law. Sources and characteristics of British constitutional law. Parliamentary sovereignty. Constitutional conventions. The rule of law.

Parliament: its position, functions and powers. Parliamentary privilege and procedure. Control over national finance. The monarchy. The royal prerogative. The Privy Council and the Cabinet. Ministerial responsibility. The civil service. The constitutional position of the judges. The nature of administrative law. The legislative, executive and judicial powers of the Administration. Delegated legislation. Administrative adjudication. Judicial and other controls over the powers of the Administration. The principles of Crown liability. The structure and financing of local government. The liability of local authorities.

The nature and constitution of public corporations. Relations with Ministers and Parliament. Powers, duties, liabilities and privileges. Consumer bodies. The liberties of the subject. Emergency powers. Military and martial law.

Recommended reading TEXTBOOKS: S. A. de Smith, *Constitutional and Administrative Law* or O. Hood Phillips, *Constitutional and Administrative Law* or E. C. S. Wade and G. G. Phillips, *Constitutional Law*; W. I. Jennings, *The Law and the Constitution*; G. Wilson, *Cases and Materials on Constitutional and Administrative Law* or D. L. Keir and F. H. Lawson, *Cases in Constitutional Law*; O. Hood Phillips, *Leading Cases in Constitutional Law*.

FURTHER READING AND REFERENCE: R. F. V. Heuston, *Essays in Constitutional Law*; J. A. G. Griffith and H. Street, *Principles of Administrative Law*; H. W. R. Wade, *Administrative Law*; D. C. M. Yardley, *A Source Book of English Administrative Law*; S. A. de Smith

Judicial Review of Administrative Action; G. Marshall and G. C. Moodie, *Some Problems of the Constitution*; H. Street, *Freedom, the Individual and the Law*; J. D. B. Mitchell, *Constitutional Law*; H. Street, *Justice in the Welfare State*; J. F. Garner, *Administrative Law*. Students should consult the latest editions of these books.

449(a) Twenty Classes

For B.Sc. (Econ.) Part II 2nd yr.

449(b) Twelve Classes

For B.Sc. (Econ.) Part II 3rd yr.

450 International Law

Dr Nelson. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II; B.Sc. c.u. main field Geog.

Syllabus *International Law in Perspective*: definition and distinctions; historical, sociological and ethical perspectives; doctrinal controversies; the expansion of international society; the expanding scope of international law, the sources and evidence of international law; the relation between international law and municipal law.

International Personality: subjects of international law; sovereignty and state equality; recognition; international representation; heads of state; foreign offices; diplomatic relations; consular relations; continuity and discontinuity of international personality.

State Jurisdiction: territorial jurisdiction; personal jurisdiction; other bases of jurisdiction; limitations of state jurisdiction.

Objects of International Law: territory; land frontiers; maritime frontiers; the high seas; the continental shelf; the ocean floor; airspace; outer space; individuals and the protection of human rights; business enterprises; ships; aircraft; spacecraft.

International Transactions: treaties and other international agreements; unilateral acts; international responsibility. *The Settlement of International Disputes*: legal and illegal uses of force.

Law

International Organization: universal and regional institutions; the British Commonwealth in international law (in outline only); the European Communities (in outline only).

Recommended reading TEXTBOOKS: M. Akehurst, *A Modern Introduction to International Law*; J. L. Brierly, *The Law of Nations* (6th edn.); G. Schwarzenberger, *A Manual of International Law* (5th edn.); D. P. O'Connell, *International Law for Students*.

BOOKS OF MATERIALS: L. Brownlie, *Basic Documents in International Law*; L. C. Green, *International Law through the Cases* (3rd edn.).

FURTHER READING: W. Friedmann, *The Changing Structure of International Law*; D. W. Greig, *International Law*; L. Henkin, *How Nations Behave*; C. W. Jenks, *A New World of Law?*; J. G. Starke, *Introduction to International Law* (7th edn.); J. E. S. Fawcett, *The British Commonwealth in International Law*; M. A. Kaplan and N. D. Katzenbach, *The Political Foundations of International Law*; H. J. Morgenthau, *Politics Among Nations* (2nd edn.); B. V. A. Röling, *International Law in an Expanded World*.

PERIODICALS: *The American Journal of International Law*; *The British Year Book of International Law*; *The International and Comparative Law Quarterly*; *International Organisation*; *International Relations*; *The Year Book of World Affairs*.

450(a) Classes

Fifteen classes for B.Sc. (Econ.) Part I. Ten classes for B.Sc. (Econ.) Part II.

451 Soviet Law

Dr Lapenna. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; 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*; Z. Szirmai (Ed.), *Law in Eastern Europe*, Nos. 1, 3 and 9.

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.

452 African Law

For LL.B. Part II.

Classes will be arranged if required.

SEMINARS FOR THE LL.M. DEGREE, GIVEN WHOLLY OR PARTLY BY TEACHERS OF THE SCHOOL

453 Legal History

Professor Milsom.

Syllabus English legal history generally (as in the LL.B. examination) with special reference to its bearing upon the following topics in the prescribed period. The period prescribed until further notice is 1216-1327. The main movements of legal thought. Characteristics of mediaeval law. Influence of civil, canon and mercantile law. Legislation. Case law, local customs. Principal sources of legal history (records, year books, treatises).

Law

The courts of law (including parliament). Local courts. Ecclesiastical courts. The judiciary and the legal profession. The forms of action and the outline of procedure and pleading. Battle. Wager of law. The jury. Real property. Tenure. Common law estates. Conveyances and their effects. Feudalism. Seisin. Inheritance. Personal property. Ownership and possession. Contract at common law and in law merchant. Tort. Trespass. Defamation and its relation to ecclesiastical jurisdiction. Criminal law (treason, felonies, misdemeanours). Appeals, indictments, pardons, forfeiture and escheat. Law merchant (its sources, nature and the institutions administering it).

Recommended reading General introductions are T. F. T. Plucknett, *Concise History of the Common Law* and S. F. C. Milsom, *Historical Foundations of the Common Law*. The most detailed study of most of the period, and to be used as a basic text-book, is F. Pollock and F. W. Maitland, *History of English Law* (2nd edn. 1898) reissued with new introduction and bibliography in 1968.

Reference should also be made to the following: W. S. Holdsworth, *History of English Law*; T. F. T. Plucknett, *Legislation of Edward I; Early English Legal Literature; Edward I and Criminal Law*; J. B. Ames, *Lectures on Legal History*; C. H. S. Fifoot, *History and Sources of the Common Law*; A. W. B. Simpson, *Introduction to the History of the Land Law*; J. B. Thayer, *Preliminary Treatise on Evidence at the Common Law*. Students should consult the latest editions of these books.

Copious original materials are in print, in the publications of the Selden Society and elsewhere, and students should familiarise themselves with the nature of plea rolls, year books, formularies, and of the principal treatises. Attention is drawn to the edition of *Glanvill* by G. D. G. Hall and to the edition of *Bracton* now in course of publication by S. E. Thorne. The publications of the Selden Society and the Ames Foundation and the year book volumes in the Rolls Series frequently contain introductions of value and those falling within the special period should be studied. Articles and

reviews in *The Law Quarterly Review* and *The English Historical Review* should be consulted.

454 Comparative Constitutional Law I

(The Constitutions of the United States, Canada and Australia).
Mr J. S. Anderson.

Also for M.Sc.

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.

Law

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*.

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*; 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?*; 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*; 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.

455 Company Law

Professor Wedderburn and Mr Pickering.

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; Companies Acts 1948 and 1967; Report of the Company Law Committee* (Jenkins Report) (Cmnd. 1749); *European Communities Act 1972*; T. Hadden, *Company Law and Capitalism*.
FURTHER READING AND REFERENCE: J. Northey and L. Leigh, *Introduction to Company Law*; M. A. Weinberg, *Takeovers and Mergers*; C. A. Cooke, *Corporation, Trust and Company*; R. R. Pennington, *Company Law; The 'City Code' on Take-Overs and Mergers*; H. R. Hahlo, *Casebook on Company Law*; L. Sealy, *Cases and Materials on Company Law*; Buckley on the Companies Acts; Earl of Halsbury, *Laws of England* (Simonds Ed.) Vol. 6; A. A. Berle and G. C. Means, *The Modern Corporation and Private Property*; A. Afterman, *Company Controllers and Directors*; H. de Hoghton, *The Company: Law, Structure and Reform in Eleven Countries*; Minutes of Evidence taken before the Company Law Committee (1961, H.M.S.O.), Vols. 1-20; K. W. Wedderburn, *Company Law Reform*; H. A. J. Ford, *Unincorporated Non-Profit Associations*; K. W. Wedderburn, *Rule in Foss v. Harbottle*

and Shareholders' Rights (1957) C.L.J. 194, and (1958) C.L.J. 93; L. Loss, *Fiduciary Concept and Corporate "Insiders" in U.S.A.* (1970) 33 M.L.R. 34; H. A. J. Ford, *Unit Trusts* (1960) 23 M.L.R. 129; K. W. Wedderburn, *Oppression of Minority* (1966) 29 M.L.R. 321; M. A. Pickering, *Shareholders' Voting Rights and Company Control* (1965) 81 L.Q.R. 248; B. H. McPherson, *Winding Up on the "Just and Equitable" Ground* (1964) 27 M.L.R. 282; A. Boyle, *Minority Shareholders in the Nineteenth Century* (1965) 28 M.L.R. 317; K. W. Wedderburn, *Corporate Personality and Social Policy: the Quasi-Corporation* (1965) 28 M.L.R. 62; *The Death of Ultra Vires* (1966) 29 M.L.R. 673; *Shareholders' Control of Directors' Powers* (1967) 30 M.L.R. 77; *Directors' Bona Fides* (1967) 30 M.L.R. 566; *Collateral Purposes* (1968) 31 M.L.R. 694; *Unreformed Company Law* (1969) 32 M.L.R. 563; R. Baxt, *The Modern Company Auditor* (1970) 33 M.L.R. 413; L. Leigh, *The Alter Ego Doctrine* (1965) 28 M.L.R. 584, (1966) 29 M.L.R. 568; R. S. Nock, *The Rule of Indoor Management* (1965) 30 Conv. 123; D. Prentice, *Directors' Fiduciary Duties* (1967) 30 M.L.R. 450; *Expulsion of Members* (1970) 33 M.L.R. 700; M. Trebilcock, *Liability of Directors for Negligence* (1969) 32 M.L.R. 499; G. D. Goldberg, *Article 80 Table A* (1970) 33 M.L.R. 177; *Enforcement of Outsider Rights* (1972) 35 M.L.R. 362; M. Chesterman and A. S. Grabiner, *Company Fraud* (1969) 32 M.L.R. 328; R. Baxt, *Is Ultra Vires Dead?* (1971) 20 I.C.L.Q. 301; H. Rajak, *Oppression of Minority Shareholders* (1972) 35 M.L.R. 156; R. Fraser, *Administrative Powers of Investigation* (1971) 34 M.L.R. 260; C. Schmitthoff, *Multi-National Companies* (1970) Jo.Bus. Law 177; D. Vagts, *Multinational Enterprise* (1970) 83 Harv. L.R. 739.

Students should consult the latest editions of the books.

Note The subject demands some previous knowledge of English Law, especially Contract, Agency and Trusts. Candidates will be supplied in the examination room with Queen's Printer copies of the *Companies Act, 1948* and the *Companies Act, 1967*

455(a) Twenty-five Classes

456 Marine Insurance

Mr Pickering and Mr Dean.

Syllabus General principles and commercial practices. Insurable interest. Insurable value. Disclosure and representations. The policy. Double insurance. Warranties. The voyage. Assignment of the policy. The premium. Loss and abandonment. Partial losses (including salvage and general average and particular charges). Measure of indemnity. Rights of insurer on payment. Return of premium. Lloyd's form of policy. Institute clauses (in outline only). Reinsurance.

Recommended reading INTRODUCTORY: Lord Chorley and O. C. Giles, *Shipping Law*, Part III.

TEXTBOOKS: E. R. H. Ivamy (Ed.), *Chalmers' Marine Insurance Act, 1906*; Arnould, *The Law of Marine Insurance and Average* (Eds. Lord Chorley and C. T. Bailhache) (Vols. 9 and 10 of *British Shipping Laws*); E. R. H. Ivamy, *Marine Insurance*.

FOR REFERENCE: C. Wright and C. Fayle, *History of Lloyd's*; D. Gibb, *Lloyd's of London*; V. Dover, *Handbook of Marine Insurance Clauses*; *Journal of Maritime Law and Commerce*; *Shipowners* (Vol. 13 of *British Shipping Laws*).

Candidates will be supplied in the examination room with Queen's Printer copies of the *Marine Insurance Act, 1906*. Students should consult the latest editions of these books.

457 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 Case V in relation to business profits) and the deductions and allowances

(excluding capital allowances and loss relief) which may be set against income. The rules for applying 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.

Recommended reading will be given during the course.

457(a) Twenty-five Classes

458 The Law of Business Taxation

Mr Pickering.

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 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 will be given during the course.

Candidates will be supplied in the examination room with copies of *Butterworth's Tax Handbook* (edition current on 1 January of the year in which the examination is held).

458(a) Twenty-five Classes

459 The Law of Restitution

Professor Cornish, Mr Evans and Mr J. S. Anderson.

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.

460 Monopoly, Competition and the Law

Professor Yamey and others.

Syllabus The Restrictive Trade Practices legislation; the competition rules of the E.E.C.; the monopolies legislation and the Common Law.

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 Articles 85 and 86 of the Rome

Treaty, and Regulation 17; 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.

Part III The Monopolies Commission: single-firm monopolies; control of mergers; the problem of non-collusive oligopoly; an analysis of selected reports of the Commission.

Part IV Restraint of trade.

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*; V. Korah, *Monopolies and Restrictive Practices*; A. Sutherland, *The Monopolies Commission in Action*; Reports of the Registrar of Restrictive Trading Agreements Cmnd. 1603; 1273; 2296; 3188; 4303.

Candidates will be supplied at the examination with Queen's Printer copies of the *Monopolies and Restrictive Practices (Inquiry and Control) Act, 1948*, the *Restrictive Trade Practices Acts, 1956 and 1968*, and the *Monopolies and Mergers Act, 1965*.

Further references will be given at the beginning of the course, including references to legal developments in the United States of America and the Common Market.

461 The Principles of Civil Litigation

Master Jacob and Mr Zander.

Syllabus The general principles and practice of civil litigation, including: the organization, jurisdiction and functions of the various Courts and Tribunals and of the legal profession. The remedies afforded by civil proceedings (both interlocutory and final) including enforcement of judgments and orders.

The procedures adopted in the High Court and in the County Court in

ascertaining and dealing with disputed issues, in preparation for trial, in the trial and post-trial assessments of damages or other consequential relief; the system and right of appeal and the procedure on appeal; the extent to which these procedures enable the courts to arrive at correct and reasonably speedy decisions both on facts and substantive law (knowledge of the law of evidence will not be required, except so far as it affects general procedure).

The organization and function of Tribunals (in outline only) and the general procedures adopted by Tribunals and arbitrators; comparisons will be made between these procedures and those adopted by the Courts.

The social and economic effects and value of the present system of civil litigation; including some comparison with one or more selected foreign systems.

Recommended reading W. B. Odgers, *Pleading and Practice*; R. M. Jackson, *The Machinery of Justice in England*; M. Zander, *Cases and Materials on the English Legal System*; B. Cardozo, *The Nature of the Judicial Process*; P. A. Devlin, *Trial by Jury*; W. R. Cornish, *The Jury*; C. P. Harvey, *The Advocate's Devil*; B. Abel-Smith and R. S. Stevens, *In Search of Justice*; Final Report of Committee on Supreme Court Practice (Cmd. 8878, 1953); Report of the Royal Commission on Assizes and Quarter Sessions (Cmnd. 4153, 1969); Report of the Committee on Personal Injuries Litigation (Cmnd. 369, 1968); Report of the 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.

462 Comparative Criminal Law and Procedure

Mr Hall Williams.

Syllabus A consideration of the main principles of the English criminal law, the problems arising in its codification, and the statement of the principles of responsibility and the general defences, together with the position with regard to strict liability offences. These will be examined in comparison with the following penal codes: The Canadian Code of 1954, The Indian Penal Code of 1860, The Norwegian Penal Code of 1902 as amended in 1961, The Penal Code of Nigeria, The Criminal Codes of Nigeria, The Ghana Criminal Code, together with the Penal Code of Kenya or the Penal Codes of any one of the following countries: Uganda, Tanzania, Malawi, Zambia, the Gambia, Botswana. The English Draft Criminal Code of 1879. The American Law Institute's Draft Model Penal Code.

SPECIFIC CRIMES: A comparative examination of the following specific crimes: homicide, theft, and kindred offences, offences against public morality, commercial trading frauds, offences against the state and the administration of justice.

PROCEDURE: A comparative examination of the following topics: Police powers of investigation and interrogation. The discretion to prosecute. Relation of

prosecutor to the defence. The position of the accused as a witness. Organization of the criminal courts. Criminal appeals, new trial and post-conviction remedies. The sentencing process.

Recommended reading will be given during the course.

463 Soviet Law

Dr Lapenna and Dr Butler (U.C.).

Note Candidates taking LL.M. subject 25 *Soviet Law* may not take Section (B)3 *Soviet Law* under LL.M. subject 24 *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 A. Introduction

Resource materials on Soviet law. Legal terminology. Heritage of the Tsarist legal system. Fundamental Marxist concepts of state and law (also with reference to public international law). The sources of Soviet law, and its branches. Concepts of ownership and property in Marxist theory and Soviet legal practice. Legal aspects of the structure and administration of the Soviet economy. Principles of socialist legality. Administration of justice (court organization). The legal profession (jurists, judges, procuracy, advocates, jurisconsults, notaries). Comrades' courts and other social organizations. State arbitrazh.

B. Civil Law and Domestic Relations

The law of persons, property, contract, delict, unjust enrichment and succession on death. Marriage, divorce, nullity, parent and child, guardian and ward. Adoption. Basic features of civil procedure.

Note Candidates taking option B may not take LL.M. subject 26 *Comparative Family Law*.

C. Criminal Law

Sources and system. Territorial and

personal scope of criminal law. Material and formal definition of crime. Constituent elements of crime. Preparation and attempt. Participation. Circumstances excluding criminal offence. Liability and exclusion of liability. Punishments and compulsory measures. Principal criminal offences. Criminology and penal policy. Basic features of criminal procedure: pre-trial proceedings, trial, appeals and supervision, special proceedings.

Section D, Constitutional, Administrative, and Economic Law

Soviet concepts of sovereignty and federalism. Role of the constitution in the U.S.S.R. Organization of the Soviet state. Protection of civil liberties under Soviet law. The principle of dual subordination. The legal status and role of the Communist Party of the Soviet Union. Administrative penalties. Administrative procedures for the redress of grievances. The concept of "economic" law. Legal aspects of economic planning and administration (structure of the Soviet economy; relationship between plan and law; contractual relations among Soviet enterprises and institutions; resolution of economic disputes; administration and regulation of Soviet foreign trade).

Note Although a knowledge of Russian is not required, students taking this course will be required to familiarise themselves with Russian technical legal terms.

Recommended reading W. E. Butler (Ed.) *Writings on Soviet Law and Soviet International Law*; P. S. Romashkin (Ed.), *Literature on Soviet Law: Bibliographic Index*.

SECTION A H. Babb (trans.), *Soviet Legal Philosophy*; H. J. Berman, *Justice in the U.S.S.R.*; K. Grzybowski, *Soviet Legal Institutions*; J. N. Hazard, *Law and Social Change in the U.S.S.R.*; J. N. Hazard, *Settling Disputes in Soviet Society*; H. Kelsen, *The Communist Theory of Law*; S. Kucherov, *The Organs of Soviet Administration of Justice*; M. Jaworskyj, *Soviet Political Thought: An Anthology*; E. Johnson, *An Introduction to the Soviet Legal System*; I. Lapenna, *State and Law: Soviet and Yugoslav Theory*; G. Morgan, *Soviet Administrative Legality*.

SECTION B G. Eorsi, *Fundamental Problems of Socialist Civil Law*; V. Gsovski, *Soviet Civil Law*; A. K. R. Kiralfy (trans.), *The Civil Code and The Code of Civil Procedure of the R.S.F.S.R.*, 1964.

SECTION C H. J. Berman and J. W. Spindler (trans.), *Soviet Criminal Law and Procedure: The R.S.F.S.R. Codes*; G. Feifer, *Justice in Moscow*; F. J. Feldbrugge, *Soviet Criminal Law: General Part*; I. Lapenna, *Soviet Penal Policy*.

SECTION D H. J. Berman and J. B. Quigley (Eds.), *Basic Laws on the Structure of the Soviet State*; O. Bihari, *Socialist Representative Institutions*; V. M. Chkhikvadse (Ed.), *The Soviet State and Law*; A. Denisov and M. Kirichenko, *Soviet State Law*; J. N. Hazard, *The Soviet System of Government*; I. Kovacs, *New Elements in the Evolution of Socialist Constitutions*.

CASEBOOKS J. N. Hazard, I. Shapiro, and P. Maggs (Eds.), *The Soviet Legal System*; Z. Zile, *Ideas and Forces in Soviet Legal History*.

Students should consult the latest editions of these books.

JOURNALS AND SERIALS *Law in Eastern Europe* (Z. Szirmai, Ed.); *Osteuropa Recht*; *Soviet Law and Government*; *Soviet Statutes and Decisions* (W. E. Butler, Ed.). In addition to these periodicals devoted exclusively to Soviet and Eastern European law, articles frequently appear in *The International and Comparative Law Quarterly* and *Soviet Studies*.

Note Further reading in journals, case materials, and other materials translated especially for the course will be assigned from time to time in supplementation of the books mentioned under Sections B, C and D.

464 Comparative Family Law

Dr Stone and Mr Dicks (S.O.A.S.).

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 25 *Soviet Law* may not take Comparative Family Law.

Admission by permission of the teachers in charge.

Syllabus A comparison between the judicial concepts and the substantive law regarding: (a) family property rights and maintenance obligations (including any law of succession to property on death) and (b) infants, minors or children; and their relation to other areas of family law, in representative common law and civil law or community property jurisdictions, and other specified legal systems. Until further notice:

(i) The common law jurisdictions studied will be those of England and Wales, and the States of New York and Pennsylvania.

(ii) The civil law and community property jurisdictions studied will be Western Germany and the North American States of California and Texas.

(iii) The other specified legal systems studied will be the law of the Overseas Chinese communities in Singapore and Hong Kong.

Recommended reading Further reading lists will be issued at the beginning of the course.

1. Common law jurisdictions and general comparative works:

(a) **BOOKS:** P. Bromley, *Family Law*; British Institute of International and Comparative Law, *Parental Custody and Matrimonial Maintenance* (1966); Foote, Levy and Sander, *Cases and Materials on Family Law*, esp. chaps. 1, 3, 4, 10 and 11; M. Hubbell, *Law Directory*, Vol. 4.

(b) **JOURNALS AND ARTICLES:** *Family Law Quarterly of A.B.A.*

(c) **LEGISLATION:** New York Estates Powers and Trusts Law; Domestic Relations Law and Family Court Act.

2. Civil law jurisdictions:

(a) **BOOKS:** A. N. Yiannopoulos (Ed.), *Civil Law in the Modern World*, esp. M. Rheinstein, "The Law of Family and Succession"; E. J. Cohn, *Manual of German Law* (2nd edn., 1967), esp. the chap. on Family Law; *Comparative Law of Matrimonial Property*; A. Kiralfy (Ed.); E. D. Graue, ch. v. *German Law*;

Charmatz and Daggett, *Community Property* or W. E. Burby, *Cases on Community Property*.

(b) **LEGISLATION:** Relevant parts of the Civil, Probate Codes of California. Revised Family Code of the State of Texas; German Civil Code, 4th book, arts. 1297-1921. (English translations will be provided.)

3. The Overseas Chinese Communities: (a) **BOOKS:** M. Freedman, *Chinese Family and Marriage in Singapore* (H.M.S.O. 1957); *Chinese Law and Government in Hong Kong* (Government Report, 1953); *Chinese Marriages in Hong Kong* (McDouall-Heenan Report) (Government Report, 1967); G. Jamieson, *Chinese Family and Commercial Law*, 1921, reprinted 1970; V. Y. Chiu, *Marriage Laws and Customs of China*, 1966; K. Roberts-Wray, *Commonwealth and Colonial Law*, 1966.

(b) **JOURNALS AND ARTICLES:** M. Freedman, "Colonial Law and Chinese Society" (80 *J. Royal Anthropological Institute*, 1950); M. Freedman, "Chinese Family Law in Singapore" in J. N. D. Anderson (Ed.), *Family Law in Asia and Africa* (1968); D. C. Buxbaum, "Chinese Family Law in a Common Law Setting: A note on the Institutional Environment and the Substantive Family Law of the Chinese in Singapore and Malaysia" (*J. Asian Studies*, Vol. XXXV, No. 4, August 1966); H. McAleavy, "Chinese Law in Hong Kong: the Choice of Sources" in J. N. D. Anderson (Ed.), *Changing Law in Developing Countries* (1963); M. B. Hooker, "The Relationship between Chinese Law and Common Law in Malaysia, Singapore and Hong Kong" (*J. Asian Studies*, XXVIII, No. 4, August 1969); E. S. Haydon, "The Choice of Chinese Customary Law in Hong Kong" (1962, 11 I.C.L.Q. 231); D. E. Greenfield, "Marriage by Chinese Law and Custom in Hong Kong" (1958, 7 I.C.L.Q. 437). (c) **LEGISLATION:** The Women's Charter, 1961, Singapore.

465 Law of International Institutions Professor D. H. N. Johnson and Dr Nelson.

Syllabus (A) *General Aspects of International Law: Definition; Develop-*

ment; Sources; Functions and Types of International Institutions; General Principles of International Institutional Law; Methods.

(B) *Non-Comprehensive International Institutions:*

1. Judicial International Institutions, with special reference to Permanent Court of Arbitration and the International Court of Justice: Functions; Organization; Jurisdiction; Procedure; Awards; Judgments; Advisory Opinions; Execution.

2. Administrative International Institutions, with special reference to pre-1914 international unions and international river organizations: Functions; Membership; Organization; Scope of Jurisdiction; Powers.

3. Quasi-Legislative International Institutions, with special reference to Conferences and the relevant aspects of the International Labour Organization: Functions; Membership; Organization; Scope of Jurisdiction; Powers.

(C) *Comprehensive International Institutions*, with special reference to the League of Nations and United Nations: Functions; Membership; Organization; Scope of Jurisdiction; Procedure; Powers.

(D) *Hybrid International Institutions:*

1. Universalist Single-purpose Institutions, with special reference to the Inter-governmental Organizations related to the United Nations.

2. Regional Institutions. Multi-purpose Institutions, e.g. Organization of American States; Council of Europe. Single-purpose Institutions, e.g. the International Commission for the Northwest Atlantic Fisheries or the Commission for Technical Co-operation in Africa (South of the Sahara); Supranational Institutions (the European Coal and Steel Community, the European Economic Community and Euratom).

3. Sectional International Institutions, with special reference to the North Atlantic Treaty and Warsaw Treaty Organizations: Functions; Membership; Organization; Scope of Jurisdiction; Powers.

(E) *Non-Governmental International Organizations:* Arrangements for Consultation with the United Nations under Article 71 of the Charter.

(F) *Legal Aspects of the Co-ordination of International Institutions.*

Note Candidates taking this subject will not be expected to have a detailed knowledge of specialised agencies or other international institutions operating in the field of economics, civil aviation or maritime matters.

(G) *Constitutional Conditions of World Order.*

Recommended reading TEXTBOOKS:

L. Oppenheim, *International Law*, Vol. I (with special reference to Part I, chap. IV: The Legal Organization of the International Community), and Vol. II (with special reference to Part I: Settlement of State Differences); G. Schwarzenberger, *International Law*, Vol. I; *International Law as Applied by International Courts and Tribunals* (with special reference to chaps. 23-30: Treaties and Unilateral Acts) and *Manual of International Law*, chaps. 9-12; D. W. Bowett, *The Law of International Institutions*.

FURTHER READING: M. M. Ball, *NATO and the European Union Movement*; L. M. Goodrich, E. Hambro and A. P. Simons, *The Charter of the United Nations*; S. S. Goodspeed, *The Nature and Function of International Organisation*; C. W. Jenks, *The Proper Law of International Organisations*; H. Kelsen, *The Law of the United Nations*; A. H. Robertson, *European Institutions*; S. Rosenne, *The Law and Practice of the International Court*; G. Schwarzenberger, *Power Politics: A Study of World Society* (with special reference to chaps. 15 and 25-30); J. L. Simpson and H. Fox, *International Arbitration*; L. B. Sohn, *Cases on United Nations Law and Basic Documents of the United Nations*; B. Boutros-Ghali, *The Addis Ababa Charter*; D. W. Bowett, *United Nations Forces*; G. Modelski *et al.*, SEATO; R. Higgins, *The Development of International Law through the Political Organs of the U.N.*; Ann Van Wynen Thomas and A. J. Thomas, Jr., *The Organisation of American States*; United Nations, *Repertory of Practice of United Nations Organs and Supplements*; *Repertoire of Practice of The Security Council, 1946-1951*, and *Supplements*. Students should consult the latest editions of these books.

PERIODICALS: *The American Journal of International Law*; *The British Year Book of International Law*; United Nations, *Monthly Chronicle*; *The International and Comparative Law Quarterly*; *International Organisation*; *Year Book of the International Court of Justice*; *Year Book of the United Nations*; *The Year Book of World Affairs*.

466 Law of European Institutions

Dr Valentine.

Also for M.Sc.

Syllabus The history of the movement towards the European communities; political and economic forces; the Zollverein; coal and steel monopolies; the European Defence Community; the European Political Community (all in outline only).

The European Communities: (i) Constitutional structure: structure and functioning of: the Court of Justice; the European Parliament; the Councils of Ministers; the High Authority; the Consultative Committee; the Commissions; the European Investment Bank; the Social Fund; the Arbitration Committee.

(ii) Implementation of the Treaties: the creation of a common market; commercial and monetary policies; abolition of internal tariffs and quotas; the common external tariff; monopolies and restrictive trade practices; pricing and subsidy schemes; transport and labour policies. The relationship between community law and municipal law; incorporation; harmonisation of legislation.

The Council of Europe: structure and functioning of: the Committee of Ministers; the Consultative Assembly; the Joint Committee. Conventions adopted, with special reference to the European Convention on Human Rights; the Commission and Court of Human Rights; scope and interpretation of the Convention.

Comparison with other European Economic Organizations: (i) European Free Trade Association; Council of Association; arbitration procedures; aims and achievements. (ii) Comecon: the Council; the Assembly; the Executive Committee; the Secretariat; aims and achievements.

Recommended reading R. Mayne, *The Community of Europe*; 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*.

FURTHER READING: G. Bebr, *Judicial Control of the European Communities*; Campbell, *Law of the European Communities*, 2 Vols with supplements; J. S. Deniau, *The Common Market*; F. Honig and others, *Cartel Law of the European Economic Community*; G. W. Keeton and G. Schwarzenberger (Eds.), *English Law and the Common Market*; R. Pinto, *Les Organisations Européennes*; R. Pryce, *Political Future of the European Communities*; A. H. Robertson, *The Law of International Institutions in Europe*; D. G. Valentine, *The Court of Justice of the European Communities* (2 Vols.). Reference should also be made to: *The Year Book of the European Convention on Human Rights*; *Common Market Law Reports*; *International Law Reports*; *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 European Communities Act 1972 and English translations of the three European Community Treaties, the Rules of Procedure of the Communities' Court, E.E.C. Regulations, the E.F.T.A. Treaty and the European Convention on Human Rights are obtainable from Her Majesty's Stationery Office.

467 International Law of the Sea

Professor D. H. N. Johnson and Dr Nelson.

Syllabus I. *Introduction*. History; sources. II. *Delimitation of the Relevant Areas*. Internal waters; the territorial sea and the contiguous zone; bays; harbour works and roadsteads; islands and low-tide elevations; international straits and waterways; the high seas and the sea-bed; the continental shelf.

III. *The Principle of the Freedom of the Seas*. Ordinary and extraordinary rights of jurisdiction in time of peace, with special reference to piracy and the slave trade; coercive measures short of war; limitations and exceptions.

IV. *Users of the High Seas and the Sea-Bed*. Navigation; fisheries; exploitation of other natural resources; scientific research and experiments; disposal of radioactive waste; naval exercises; pipe lines; cables; mechanical installations; other users.

V. *Jurisdiction over Maritime Areas Adjacent to the Coast*. The regime of ports and internal waters; the regime of the territorial sea and the contiguous zone; the regime of the continental shelf; the right of hot pursuit; ships in distress.

VI. *Access to the Sea for States without a Sea Coast*. Transit between the sea and a state without a sea coast; use of ports and the territorial sea of neighbouring states; right to sail ships on the high seas.

VII. *The Legal Regime of the Ship*. Nationality of ships; flags of convenience; warships and other government-owned ships on non-commercial service; government-owned merchant ships; privately-owned merchant ships; collision, wreck and salvage; stateless ships; pirate ships.

VIII. *The Legal Regime of Crew, Passengers and Cargo*. Jurisdiction; the master; master and crew; conditions of labour; consular jurisdiction over seamen abroad; functional protection of seamen.

IX. *Rules for Securing Safety at Sea*. Rules for the prevention of collisions at sea; assistance at sea; load line conventions; pollution.

X. *Maritime Law in Time of War*. Prize law and prize courts; rules of maritime warfare; the law of maritime neutrality.

XI. *International Maritime Institutions*. Types; functions; organization; jurisdiction.

Recommended reading TEXTBOOKS: C. J. Colombos, *International Law of the Sea*; G. Gidel, *Le Droit International Public de la Mer*; M. S. McDougal and W. T. Burke, *The Public Order of the Oceans*; G. Schwarzenberger, *The Fundamental Principles of International Law*, chap. VIII; *Recueil*, Hague Academy, Vol. 87; G. Schwarzenberger, *International Law*;

International Law as Applied by International Courts and Tribunals, Vol. I (with special reference to chaps. 13, 19 and 20); H. A. Smith, *The Law and Custom of the Sea*.

FURTHER READING: 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); 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*; International Law Commission of the United Nations, *Relevant Summary Records, Documents and Yearbooks; Report of the First United Nations Conference on the Law of the Sea* (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*.

468 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 economies. Extraterritorial effects of economic legislation. Immunities from economic sovereignty. Limitations of economic sovereignty (including freedom of commerce, freedom of land and air communications, freedom of inland navigation, freedom of access to the sea and maritime ports, and freedom of the seas). The problem of international economic public policy.

III. *The standards of international economic law*. Function and types, including the minimum standard of international law, the most-favoured-nation standard, the

standard of preferential treatment, the standard of reciprocal treatment, the standard of the open door and the standard of national treatment. The standards of international economic law on the level of international institutions, including the standard of economic good neighbourliness.

IV. *International economic transactions*. General principles. Treaties of friendship, commerce and navigation. Other economic agreements, including double-taxation agreements, development aid agreements and agreements for technological co-operation. Unilateral economic acts. International economic torts, with special reference to the protection of foreign investments. The problem of an international economic law of crime.

V. *The law of economic warfare*. Economic reprisals. Economic warfare, with special reference to the position of enemy and neutral property in land and sea warfare. Economic war crimes. War indemnities, reparation and restitution. Collective economic sanctions.

VI. *Patterns of international economic organization*.

A. On the level of partly organized international society: the representation and protection of economic interests abroad, with special reference to relevant aspects of diplomatic and consular relations. International adjudication of economic claims. Economic and financial unions (e.g. monetary unions, customs unions, free trade areas and common markets).

B. On higher levels of international integration: the economic framework of the United Nations. Universalist institutions (e.g. the Bretton Woods institutions and GATT). Regional institutions (e.g. the regional Economic Commissions of the United Nations). Sectional institutions (e.g. international commodity agencies). Supranational institutions (e.g. the European Communities).

Recommended reading will be given at the beginning of the course.

468(a) Twenty-five Classes

469 Industrial and Intellectual Property

Professor Cornish.

Syllabus Patents History of patents for inventions. Present system: subject matter; right to apply; employees' inventions; form of application; Patent Office objections and opposition proceedings; grounds of invalidity; infringement; assignments, licences, Crown use; patents of addition; extensions. Comparison with other patent systems. Place of patent protection in the economy.

Trade secrets and the protection of "know-how"; scope of present law; relation to patent system.

Designs Present system: subject matter; registration; invalidity; infringement (in outline). Relation to copyright.

Trade Marks and Names Protection at common law: passing off, slander of title, slander of goods. Trade mark registration: its relation to common law protection; right to apply for registration; purpose of registration; distinctiveness; deception and confusion; division of the register, defensive registrations; certification trade marks; infringement; assignment, registered user, licensing; non-user and use by competitor. Protection of marks and names under the Trade Descriptions Act. **Copyright** History of copyright protection. Nature of copyright. Works in which copyright exists; periods of copyright, ownership, assignment, licensing; infringement in relation to the different classes of "works". Relation to breach of confidence and the protection of "know-how". Other systems of copyright.

Recommended reading INTRODUCTORY:

T. A. Blanco White and R. Jacob, *Patents, Trade Marks, Copyright and Industrial Designs*.

TEXTBOOKS: T. A. Blanco White, *Patents for Inventions and the Registration of Industrial Designs*; D. Falconer, W. Aldous and D. Young, *Terrell on Patents*; A. Turner, *The Law of Trade Secrets*; T. A. Blanco White and R. Jacob, *Kerly on Trade Marks*; E. P. Skone James, *Copinger and Skone James on Copyright*.

(Candidates will be supplied in the examination room with Queen's Printers copies of the Patents Act 1949, Trade

Marks Act 1938, Copyright Act 1956 and Design Copyright Act 1968.) Students should consult the latest editions of these books.

470 Criminology

Mr Hall Williams and Miss Temkin.

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 (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*; H. Jones, *Crime and the Penal System*; D. J. West, *The Young Offender*.

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*; 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*; J. J. Wiley and K. R. Stallworthy, *Mental Abnormality and the Law*; 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*; W. E. Cavenagh, *Juvenile Courts, The Child and the Law*; The Cambridge Department's Report on *Sexual Offences*; T. C. Willet, *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*; Home Office Research Studies, *Probationers in Their Social Environment*; 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*.

470(a) Criminology Class

Miss Temkin. Six classes, fortnightly, Michaelmas and Lent Terms.

For LL.M.: *Criminology*. Admission by permission of Miss Temkin.

471 Sentencing and Treatment of Offenders

Mr Hall Williams.

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*; D. A. Thomas, *Principles of Sentencing*; N. Walker, *Sentencing in a Rational Society*; R. Cross, *The English Sentencing System*; H.M.S.O., *People in Prison*; *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*. FOR REFERENCE: P. W. Tappan, *Crime, Justice and Correction*; R. Korn and L. W. McCorkle, *Criminology and Penology*; 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; 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*; M. Grunhut, *Penal Reform*; R. S. E. Hinde, *The British Penal System*; J. D. McClean and J. C. Wood, *Criminal Justice and the Treatment of Offenders*; 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*; W. E. Cavenagh, *Juvenile Courts, The Child and the Law*; H. J. Klare, *Anatomy of 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*; L. Radzinowicz, *Detention in Remand Homes*; R. Hood, *Borstal Re-Assessed*; *Sentencing in Magistrates' Courts*; *Sentencing the Motoring Offender*; T. C. N. Gibbens, *Psychiatric Studies of Borstal Lads*; W. Healy and B. S. Alper,

Criminal Youth and the Borstal System; 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*; 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*; M. Ancel, *Social Defence*; E. Green, *Judicial Attitudes in Sentencing*; J. Hogarth, *Sentencing as a Human Process*.

472 Estate Duty Class

Mr Bretten. Ten classes, Michaelmas and Lent Terms.

For LL.M.: *Estate Planning*. Admission restricted to students of the School taking this subject.

473 Law of Management and Labour Relations

Professor 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 such 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. Chief executives, directors and governing board. One-tier boards of directors in British law. Other managers. Two-tier arrangements in practice under such laws; and obligatory two-tier systems. Role of shareholders and employees; election or appointment of managers; and the duties of management to act in the interests of the enterprise. "Participation" of employees by profit-sharing or other methods. Current legal and other problems in Britain for "Participation".

II. Management's plans. Legal requirements for disclosure of information to shareholders and public; to Government; to employees and trade unions.

III. Management and labour relations. Recognition of trade unions: the legal

duty to bargain. The role of state agencies and collective bargaining structure e.g. the Commission on Industrial Relations. Legal requirements for "participation" by works councils etc. IV. 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".

V. Legal problems of managerial functions, industrial discipline and industrial conflict. 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.

VI. The problems already described in the special context of the "multi-national" or international corporation.

Recommended reading Industrial Relations Act, 1971, and *Code of Practice* on the Act; O. Kahn-Freund, *Labour and the Law* (Hamlyn Lectures); R. W. Rideout, *Principles of Labour Law*; L. C. B. Gower, *The Principles of Modern Company Law* (chaps. 1, 7, 20, 23, 25); C. de Hoghton, *The Company: Law Structure and Reform in Eleven Countries*; K. W. Wedderburn, *The Worker and the Law*; *Report of the Royal Commission on Trade Unions and Employers' Associations, 1968* (Cmnd. 3623).

FURTHER READING OR REFERENCE:

A. Berle and G. Means, *The Modern Corporation and Private Property*; T. Hadden, *Company Law and Capitalism*; M. Fogarty, *Company and Corporation—One Law?*; D. F. Vagts, "Reforming the Modern Corporation—Perspectives from the German" (*Harvard Law Review*, Vol. 80 page 23, 1966); 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 and G. Latta, "Bargaining Units and Bargaining Agents" (*British Journal of Industrial Relations*, March, 1972); B. Aaron (Ed.), *Disputes Settlement Procedures in Five West European Countries*; H. A. Clegg, *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 Law*; K. Coates and A. Topham (Eds.), *Industrial Democracy in Britain*; Industrial Relations Review and Report (1972) Vol. 28, page 14, *The Role of a Worker Director*; J. Appleyard, *Workers' Participation in Western Europe*; G. Strauss and E. Rosenstein, "Workers' Participation", chap. 8 in Gilbert (Ed.), *The Modern Business Enterprise*; R. Clark, D. Fatchett and B. C. Roberts, *Workers' Participation in Management in Britain*; "Symposium on Workers' Participation in Management: International Comparisons" (*Industrial Relations*, Vol. 9 pages 117-214, 1970); "Reports on Workers' Participation in Management: France, Germany and U.S.A." (*Bulletin of the International Institute of Labour Studies*, Vol. 6 pages 54-186, 1969); C. Levinson, *International Trade Unionism*; J. C. Harper, *Profit Sharing in Practice and Law*; B. Aaron (Ed.), *Labor Courts and Grievance Settlement in Western Europe*; B. Aaron and K. W. Wedderburn (Eds.), *Industrial Conflict: A Comparative Legal Survey*; D. F. Vagts, "The Multinational Enterprise" (*Harvard Law Review*, Vol. 83 page 739, 1970); L. Turner, *The Politics of the Multi-national Company*; K. W. Wedderburn "Multinational Enterprise and National Labour Law" (*Industrial Law Journal*, March 1972); Folke Schmidt, *Law of Labour Relations in Sweden*; J. Kolaja, *Workers' Councils, Yugoslav Experience*; H. H. Wellington, *Labor and the Legal Process*; F. Meyers, *Ownership of Jobs* (U.S.A., Britain, France); K. Walker, *Industrial Democracy: Fantasy, Fiction or Fact?*

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 English labour Law.

474 Human Rights (Seminar)

Mr Thornberry. Sessional.

Syllabus I 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*; A. V. Dicey, *The Law of the Constitution*; D. G. T. Williams, *Keeping the Peace*; H. Street, *Freedom, the Individual and the Law*; E. C. S. Wade and G. G. Phillips, *Constitutional Law*; T. M. Franck, *Comparative Constitutional Process: Cases and Materials*; 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*; I. Brownlie, *Basic Documents on Human Rights*; 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*; G. Weil, *The European Convention on Human Rights*; K. Vasak, *La Convention Européenne des Droits de l'Homme; Digest of Case Law Relating to the European Convention on Human Rights 1955-67*; 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 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, 25 Russell Square, London WC1B 5DR, or the Timetabling Office at the School.

OTHER GRADUATE COURSES IN LAW GIVEN AT THE SCHOOL

475 Problems of Civil Litigation Master Jacob and Mr Zander. Fortnightly, Michaelmas and Lent Terms.

This seminar is mainly for students attending Course 461. Current problems in civil litigation will be discussed.

476 Problems in Taxation (Seminar)

Professor Wheatcroft and Professor Prest. Fortnightly, Lent and Summer Terms.

For graduate students in the Law Department and M.Sc. Admission by permission of Professor Wheatcroft or Professor Prest.

Syllabus The seminar will discuss the legal, accounting and economic aspects of various current problems in taxation.

Subjects will be announced in advance.

477 Legal Medicine and Psychiatry

Mr Hall Williams, Dr Stone and visiting speakers. Lectures followed by discussion, Michaelmas and Lent Terms.

For LL.M.; LL.B. Optional for Dip. Soc. Work Studies. Other students may attend by permission.

Philosophy, Logic and Scientific Method

485 Introduction to Scientific Method

Professor Lakatos and Professor Watkins. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. Psych., Soc., Maths., Maths and Phil. 1st yr.; M.Sc.

Syllabus Rival conceptions of the aim of science. Explanation, prediction, and severe testing. The role of mathematics and measurement. The problems of demarcating science from pseudo-science. Genuine corroboration versus spurious 'confirmation'. The role of crucial experiments. Continuity and conflict in the 'inductive ascent' of science. The problem of simplicity. Research programmes. Probabilistic and statistical hypotheses. Objectivity versus authority in the appraisal of scientific theories.

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 and Appendix; R. Carnap, *Philosophical Foundations of Physics*, especially Parts I and II; C. G. Hempel, *Philosophy of Natural Science*; T. S. Kuhn, *The Structure of Scientific Revolutions*; I. Lakatos (Ed.), *The Problem of Inductive Logic*; I. Lakatos and A. Musgrave (Eds.), *Criticism and the Growth of Knowledge*.

FURTHER READING: W. Whewell, *History of the Inductive Sciences*, Books 5, 6 and 7; *Philosophy of the Inductive Sciences*; H. Poincaré, *Science and Hypothesis*; P. Duhem, *The Aim and Structure of Physical Theory*; E. Nagel, *The Structure of Science*; J. W. N. Watkins, "Confirmable and Influential Metaphysics" (*Mind*, Vol. 67, 1958); P. K. Feyerabend, "Against Method" in *Minnesota Studies for the Philosophy of Science*, Vol. 4; J. Agassi, *Towards an Historiography of Science*; M. Polanyi, *Personal Knowledge*, 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*; 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 490.

485(a) Introduction to Scientific Method Classes

Twenty classes, Sessional, in conjunction with course 485.

485(b) Scientific Method Classes

Twenty classes, Sessional.

For B.Sc. (Econ.) Part II.

486 Introduction to Scientific Method: Social Sciences

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., Maths. and Phil. 1st yr.; M.Sc. Students are expected to have attended Course 485 Introduction to Scientific Method in preparation for this course.

Syllabus Problems of method within the social sciences. Self-verifying predictions and observer-interference. Individualistic models. The rationality-principle. The importance of unintended consequences of individuals' actions. Historical explanation. Positive and negative feed-back systems. Macro-theories. Are there social laws? Laws and trends.

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*.

ANTHOLOGIES AND READINGS: I. Lakatos and A. E. Musgrave (Eds.), *Problems in*

Philosophy, Logic and Scientific Method

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*.

487 Methodology of the Social Sciences

Mr Latsis. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus Different approaches to explanation in the social sciences. The role of the rationality principle. Methodological individualism, with special reference to neoclassical microeconomics.

Recommended reading F. A. Hayek, *Philosophy, Politics and Economics*; K. R. Popper, *The Poverty of Historicism*; J. W. N. Watkins, "Imperfect Rationality" in Borger and Cioffi, *Explanation in the Behavioural Sciences*; S. J. Latsis, "Situational Determinism", *B.J.P.S.*, August 1972; L. I. Krimerman (Ed.), *The Nature and Scope of Social Science*, Part VII.

488 History of Modern Philosophy

Professor Watkins. Fifty lectures, Sessional.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus The main problems, theories and arguments of Bacon, Descartes, Spinoza, Locke, Leibniz, Berkeley, Hume and Kant considered against the rise of modern science.

Recommended reading 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* (Haldane and Ross), Vol. I; J. Locke, *Essay Concerning Human Understanding*; B. Spinoza, *Correspondence* (Ed. Wolf); *Ethic*; G. W. Leibniz, *Monadology*; *Discourse on Metaphysics* and *Correspondence with Arnauld*;

Selections (Ed. P. P. Weiner); G. Berkeley, *Works* (Eds. A. A. Luce and T. E. Jessop, Vols. II, IV); D. Hume, *Enquiries; Treatise*; especially Book I, Parts iii and iv, Book II, Part iii and Book III, Part i; I. Kant, *Prolegomena to any Future Metaphysics*.

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. Sesonske 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*; N. Kemp Smith, *The Philosophy of David Hume*; S. Körner, *Kant*; H. J. Paton, *Kant's Metaphysics of Experience* (2 vols.).

488(a) History of Modern Philosophy Class

Twenty meetings, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc.

489 Philosophy of Science After Kant

Mr Zahar. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II. Optional for M.Sc.

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 I. Kant, *Prolegomena*; E. Mach, *Popular Scientific Lectures*; H. Poincaré, *Science and Hypothesis*; P. Duhem, *Aim and Structure of Physical Theory*; E. Meyerson, *Identity and Reality*.

Philosophy, Logic and Scientific Method

490 History of Scientific Thought

Mr Zahar. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus The structure of scientific revolutions, with special reference to the seventeenth century revolution; the main philosophies of science which have accompanied the growth of modern science.

Recommended reading ESSENTIAL READING: G. Holton and D. H. D. Roller, *Foundations of Modern Physical Science*. FURTHER READING: I. B. Cohen, *The Birth of a New Physics*; 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. Burt, *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*.

490(a) History of Scientific Thought Class

Mr Zahar. Sessional.

For B.Sc. (Econ.) Part II.

491 Introduction to Logic

Mr Howson. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths. and Phil. 1st yr., Maths., Comp., Soc. Psych., Soc.; M.Sc.

Syllabus I An informal analysis of validity of inference, consistency and

logical independence. Logical form and interpretation. Syntax and semantics. Truth-functional validity and the existence of an effective decision procedure for it. The absence of a general decision procedure for validity of inference. The introduction of formal rules of proof. II Axiomatics. The problems of consistency, independence and completeness. Types of consistency proof. Axiomatized logic. The absence of a finite model for arithmetic, and an informal account of the theorems of Gödel and Church.

III The development of semantics, the Liar paradox and the inconsistency of natural languages.

Recommended reading Formal logic: the principal text is P. Suppe's *Introduction to Logic*, of which the first four chapters constitute the formal foundation of the course. Other works which may be consulted are B. Mates, *Elementary Logic*; W. V. O. Quine, *Elementary Logic*; *Methods of Logic*; I. Copi, *Symbolic Logic*. Other references will be given as the course proceeds.

491(a) Introduction to Logic Class

Twenty classes. Sessional, in conjunction with Course 491.

492 Logic

Mr Howson. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus An investigation of theories of deductive and inductive inference, of analyticity, logical probability, logical content, and verisimilitude.

Recommended reading R. Carnap, *Logical Foundations of Probability*; *Meaning and Necessity*; I. Lakatos, "Changes in the Problem of Inductive Logic" in *The Problem of Inductive Logic*, I. Lakatos and A. Musgrave (Eds.); B. Mates, *Elementary Logic*; K. R. Popper, *Logic of Scientific Discovery*; *Conjectures and Refutations*; *Objective Knowledge*; W. V. O. Quine, *From a Logical Point of View*; P. Suppes, *Introduction to Logic*. Other references will be given as the course proceeds.

493 Mathematical Logic

Mr Worrall and Mr Howson.
Twenty lectures, Michaelmas and
Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main
field Maths.; M.Sc.

Syllabus Elements of informal set theory.
Introduction to first order theories.
Turing machines. Incompleteness and
undecidability. The Completeness Theorem
and some of its corollaries.

Recommended reading P. R. Halmos,
Naive Set Theory; E. Mendelson,
Introduction to Mathematical Logic; S. C.
Kleene, *Introduction to Metamathematics*.
FURTHER READING J. R. Shoenfield,
Mathematical Logic; A. A. Fraenkel and
Y. Bar Hillel, *Foundations of Set Theory*;
I. Lakatos, "Infinite Regress and the
Foundations of Mathematics" (*Arist. Soc.*
Supplementary Vol., 1962).

493(a) Mathematical Logic Class

Mr Howson and Mr Worrall.
Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main
field Maths.

494(i) Boolean Algebras

Dr J. L. Bell. Michaelmas Term.

For B.Sc. c.u. Maths.; M.Sc.

Syllabus Lattices. Elementary properties
of Boolean algebras. Filters and ultrafilters.
Stone's representation theorem. Atomic and
complete Boolean algebras. Stone spaces
of Boolean algebras.

Recommended reading P. R. Halmos,
Lectures on Boolean Algebras; P. Dwinger,
Introduction to Boolean Algebras.
FURTHER READING R. Sikorski, *Boolean
Algebras*.

494(ii) Model Theory

Dr J. L. Bell. Lent Term.

For M.Sc.

Syllabus Gödel-Henkin completeness
theorem for first order theories.
Löwenheim-Skolem theorems.
Ultraproducts and applications. The

Ehrenfeucht-Mostowski theorem and its
applications.

Recommended reading J. L. Bell and A. B.
Slomson, *Models and Ultraproducts: An
Introduction*.

494(iii) Axiomatic Set Theory

Dr J. L. Bell. Lent and Summer
Terms.

For M.Sc.

Syllabus Axiomatic development of
Zermelo-Fraenkel set theory. Definitions
by transfinite induction. Constructible sets.
Consistency of the axiom of choice and
the generalized continuum hypothesis.

Recommended reading J. L. Krivine,
Théorie Axiomatique des Ensembles; P.
Cohen, *Set Theory and the Continuum
Hypothesis*.

495 Philosophy of Mathematics

Professor Lakatos and Mr Worrall.
Ten lectures and seminars, Lent
Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main
field Maths.; M.Sc.

Syllabus Mathematical heuristic. Selected
topics in the history of mathematics.
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 and the resultant
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.

Recommended reading G. Polya,
Mathematics and Plausible Reasoning;
Mathematical Discovery; I. Lakatos,
"Proofs and Refutations" (*The British
Journal for the Philosophy of Science*,
1963-64); S. Körner, *Introduction to the
Philosophy of Mathematics*; H. Putnam
and P. Benacerraf (Eds.), *Readings in the
Philosophy of Mathematics*; I. Lakatos
(Ed.), *Problems in the Philosophy of*

Mathematics; J. Hintikka (Ed.), *Philosophy
of Mathematics*; J. van Heijenoort (Ed.),
From Frege to Gödel.

SEMINARS

**496 Philosophy and Scientific
Method**

All members of the department.
Sessional.

For M.Sc. and other graduate students.
Attendance by permission of Professor
Watkins or Professor Lakatos.

**497 Scientific Method and
Epistemology**

Professor Watkins, Mr Howson,
Mr Zahar and Mr Worrall.
Michaelmas and Lent Terms.

For M.Sc.

498 History of Science

Professor Lakatos, Mr Zahar, Mr
Maxwell and Mr Worrall.
Michaelmas and Lent Terms.

For M.Sc.

499 Philosophy of the Social Sciences

Professor Watkins, Mr Klappholz
and Mr Latsis. Twenty seminars,
Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc.

Students are expected to have attended
Course 486 Introduction to Scientific
Method: Social Sciences.

500 Philosophical Problems

Professor Watkins and Mr Zahar.
Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

501 Logic and Scientific Method

Mr Worrall. Ten meetings, Lent
Term.

For B.Sc. (Econ.) Part II.

502 Logic and Methodology II

Mr Howson. Michaelmas and
Lent Terms.

For B.Sc. (Econ.) Part II.

*Attention is drawn to courses taught
at Chelsea College of Science and
Technology by Dr Machover, Dr
Gillies and Dr Solari that are
relevant for M.Sc. in Logic and
Scientific Method Option B.*

499 Philosophy of the Social Sciences
Professor Wolfgang I. van Daele
From *Erkenntnis*, 1971, 1, 1-10
The author discusses the relationship between philosophy and the social sciences, and the role of the philosopher in this context.

500 Philosophy and Scientific Method
All members of the Department
This section discusses the relationship between philosophy and scientific method, focusing on the work of Karl Popper and Imre Lakatos.

501 Logic and Scientific Method
Mr. W. van Daele
This section discusses the relationship between logic and scientific method, focusing on the work of Imre Lakatos and Karl Popper.

502 Logic and Methodology II
Mr. H. van Daele
This section discusses the relationship between logic and methodology, focusing on the work of Imre Lakatos and Karl Popper.

503 Logic and Methodology III
Mr. H. van Daele
This section discusses the relationship between logic and methodology, focusing on the work of Imre Lakatos and Karl Popper.

504 Logic and Methodology IV
Mr. H. van Daele
This section discusses the relationship between logic and methodology, focusing on the work of Imre Lakatos and Karl Popper.

505 Logic and Methodology V
Mr. H. van Daele
This section discusses the relationship between logic and methodology, focusing on the work of Imre Lakatos and Karl Popper.

506 Logic and Methodology VI
Mr. H. van Daele
This section discusses the relationship between logic and methodology, focusing on the work of Imre Lakatos and Karl Popper.

507 Logic and Methodology VII
Mr. H. van Daele
This section discusses the relationship between logic and methodology, focusing on the work of Imre Lakatos and Karl Popper.

508 Logic and Methodology VIII
Mr. H. van Daele
This section discusses the relationship between logic and methodology, focusing on the work of Imre Lakatos and Karl Popper.

509 Logic and Methodology IX
Mr. H. van Daele
This section discusses the relationship between logic and methodology, focusing on the work of Imre Lakatos and Karl Popper.

510 Logic and Methodology X
Mr. H. van Daele
This section discusses the relationship between logic and methodology, focusing on the work of Imre Lakatos and Karl Popper.

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(4) Political Theory and the History of Political Thought

511 An Introduction to Political Thought: The Classics
This section discusses the history of political thought, focusing on the works of Plato, Aristotle, and Machiavelli.

Political Studies

512 The Political Theory of the American Founders
This section discusses the political theory of the American Founders, focusing on the works of John Locke and James Madison.

513 The Political Theory of the American Founders II
This section discusses the political theory of the American Founders, focusing on the works of John Locke and James Madison.

514 The Political Theory of the American Founders III
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523 The Political Theory of the American Founders XII
This section discusses the political theory of the American Founders, focusing on the works of John Locke and James Madison.

524 The Political Theory of the American Founders XIII
This section discusses the political theory of the American Founders, focusing on the works of John Locke and James Madison.

525 Political Theory
Professor Karl Popper
This section discusses political theory, focusing on the work of Karl Popper.

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489 International Relations

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(A) Political Theory and the History of Political Thought

510 An Introduction to Political Thought: The Greeks

Dr Morrall. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Parts I and II.

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 M. I. Finley, *The Ancient Greeks* (Penguin); T. A. Sinclair, *A History of Greek Political Thought* (Routledge paperback); D. Kagan, *The Great Dialogue*; E. Barker, *Greek Political Theory: Plato and his Predecessors* (Methuen University Paperback).

Further reading will be supplied during the course.

510(a) Classes

511 Political Thought

Professor Kedourie. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A. (Hist.).

Recommended reading will be given at the beginning of the course.

511(a) Classes

512 The Political Philosophy of Plato and Aristotle

Dr Rosen. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II and other interested undergraduate students.

Syllabus and **recommended reading** will be given at the beginning of the course.

513 Three Key Mediaeval Political Thinkers

Dr Morrall. Ten lectures, Michaelmas 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.

514 Political Thought from Hobbes to Burke

Mr Minogue. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II.

Syllabus The course is designed to examine some of the main issues arising in Hobbes, Spinoza, Locke, Rousseau, Hume, Bentham and Burke, particularly the problem of individuality and its political significance. The political thought of these philosophers will be related where relevant, to their ethical and epistemological positions

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Texts James I, *The Trew Law of Free Monarchies*; F. Bacon, *The Advancement of Learning*; R. Descartes, *Discourse on Method*; T. Hobbes, *Leviathan* (Ed. M. Oakeshott); J. Locke, *Two Treatises of Government* (Ed. P. Laslett); B. Spinoza, *The Political Works* (Ed. W. Wernham); J. Milton, *Areopagitica*; B. de Mandeville, *Fable of the Bees* (Ed. B. Kaye); D. Hume, *Treatise of Human Nature*; Montesquieu, *The Spirit of Laws*; J. J. Rousseau, *The Social Contract*; J. Bentham, *Introduction to the Principles of Morals and Legislation* (Ed. W. Harrison); E. Burke, *Conciliation with the Colonies*; T. Paine, *Rights of Man*; J. Harrington, *Oceana*; G. Savile (Halifax), *The Character of a Trimmer*; J. Swift, *Gulliver's Travels*; W. Godwin, *Political Justice*.

515 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

Locke: Professor Cranston (not given in 1973-74)

Rousseau: Mr Charvet

Hegel: Professor Kedourie

Mill: Mr Thorp

516 French Political Thought

Professor Cranston. Fifteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II and all interested graduate and undergraduate students.

Syllabus Aspects of French political thought from the late Renaissance to the contemporary world.

Recommended reading will be given at the beginning of the course.

517 Political Philosophy

Professor Cranston, Dr Orr and Dr Rosen. Fourteen lectures, Lent and Summer 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*.

517(a) Class

Professor Cranston, Dr Orr, and Dr Rosen. Lent and Summer Terms, in connection with Course 517.

For *second-year* students.

517(b) Class

Professor Cranston, Dr Orr and Dr Rosen. Michaelmas, Lent and Summer Terms, in connection with Course 517.

For *third-year* students.

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518 Modern Political Thought: (Contemporary Political Thought)

Professor Greaves. Fifteen 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); S. T. Coleridge, *Second Lay Sermon*; St. Simon, *Selected Writings* (Blackwell); K. Marx, *The Communist Manifesto* (Introduction by H. J. Laski); K. Marx and F. Engels, *Basic Writings on Politics and Philosophy* (Ed. L. S. Feuer); J. S. Mill, *On Liberty*; J. S. Mill, *Representative Government*; T. H. Green, *Lectures on the Principles of Political Obligation*; C. Sorel, *Reflections on Violence*; V. I. Lenin, *What is to be Done?*; V. I. Lenin, *The State and Revolution*.

GENERAL READING OR FOR REFERENCE: J. H. Randall, *The Making of the Modern Mind*; J. Schumpeter, *Capitalism, Socialism and Democracy*; J. S. Mill, *Bentham and Coleridge*; J. S. Mill, *Utilitarianism*; J. Talmon, *Political Messianism*; R. H. Tawney, *The Acquisitive Society*; A. V. Dicey,

Lectures on the Relation between Law and Public Opinion in the Nineteenth Century; R. H. Soltau, *French Political Thought in the Nineteenth Century*; G. de Ruggiero, *The History of European Liberalism*; B. Croce, *History as the Story of Liberty*; R. A. Nisbet, *The Sociological Tradition*; I. M. Zeitlin, *Ideology and the Development of Sociological Theory*; W. Bagehot, *Physics and Politics*; M. Arnold, *Culture and Anarchy*; R. Williams, *Culture and Society 1750-1950*; E. Wilson, *To the Finland Station*; L. T. Hobhouse, *Elements of Social Justice*; G. Wallas, *Human Nature in Politics*; *Fabian Essays* (Introduction by Asa Briggs); E. Kedourie, *Nationalism*; H. R. G. Greaves, *Foundations of Political Theory*.

518(a) Class

Mr Thorp. In connection with Course 518.

For *second-year* students.

518(b) Class

Mr Thorp. Fortnightly, Michaelmas and Lent Terms, in connection with Course 518.

For *third-year* students.

519 Contemporary Political Analysis

This course will not be given in 1973-74.

Syllabus This course serves as an introduction to the work of those who wish to construct a new 'science' of politics, empirical rather than normative, mechanistic rather than purposive, theoretical rather than descriptive or historical, and expressed in mathematical or symbolic form or in abstract 'models'. After a general survey of scientific methodology, as it pertains to the social sciences, the course examines a variety of 'scientific' theories which have been used to analyse political phenomena or whose use has been advocated. The principal topics considered are: The scientific method in the social sciences, relations of political science to other social sciences, behavioural methods of analysis

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in political science, relevance of scientific method to the study of political phenomena. Formal theory of decision, theory of elections, theory of constitutions, game theory, systems analysis, theory of organisations, structure and function, criteria of optimal organisation, group dynamics. Applicability of theoretical models to political phenomena, critique of current research.

520 The Political Thought of Hegel and Marx

Professor Kedourie. Fifteen lectures, Lent and Summer 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.

521 Karl Marx: His Life and Thought

Dr McLellan. Sixteen lectures, Lent and Summer Terms. This course will not be given in 1973-74. For B.Sc. (Econ.) Part II; M.Sc. and other interested undergraduate and graduate students.

Syllabus and recommended reading will be given at the beginning of the course.

GRADUATE COURSES (A)

522 History of Political Thought (Seminar)

Professor Kedourie, Professor Oakeshott, Mr Minogue, Dr Orr and Mr Charvet. Sessional. For M.Sc.

523 The Philosophy of Ideology

Mr Minogue. Five lectures, Summer Term. For M.Sc. and other interested students.

Syllabus A discussion of ideological discourse taken as a specific form of political thinking.

524 Political Philosophy (Seminar)

Professor Cranston, Dr Rosen and Dr Orr. Fortnightly, Sessional. For registered Ph.D. students and others by permission.

525 Political Philosophy (Selected Topic) (Seminar)

Mr Thorp and Mr Charvet will hold a Seminar for graduate students on a subject in Political Philosophy in the Lent Term.

526 Marxism after Lenin (Seminar)

Mrs de Kadt. Ten meetings, Lent Term. For all interested graduates. Undergraduates may attend by permission.

(B) Politics and Public Administration

527 Modern Politics and Government with special reference to Britain

Dr Donoghue, Dr G. W. Jones and Professor Self. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths. 1st yr., Stats. 1st yr., Comp. 1st yr., Soc.

Syllabus This subject offers an introduction to the study of politics and government, with its main emphasis on Britain. It entails a general understanding of political concepts (such as 'legitimacy', 'pluralism', 'consensus', 'representation', 'responsibility' and 'rights') and associated political theories, as well as the institutions and processes of government. General subjects covered are the nature of politics and government; the different forms of government in the modern world such as

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authoritarianism, totalitarianism, and various kinds of democracy; economic and social influences upon the political system; the relations between politics and administration; the possible meanings of public interest; and the relation of democratic theories to the methods of reaching government decisions. The principal part of the course is an examination in detail of Britain as a particular form of constitutional and democratic government, including representative institutions, parties and pressure groups, Parliament, the Cabinet, the operations of central and local government, and political culture and traditions. Modern British government is also intended to provide the principal illustrations for the general subjects covered in the course.

Recommended Short Bibliography

(a) **General** R. Bassett, *The Essentials of Parliamentary Democracy* (2nd edn.); S. E. Finer, *Comparative Government* (Part I); S. M. Lipset, *Political Man*; R. Miliband, *The State and Capitalist Society*; J. S. Mill, *Representative Government*; J. D. B. Miller, *The Nature of Politics*; D. Pickles, *Introduction to Politics*; G. Wallas, *Human Nature in Politics*.
(b) **Britain** W. Bagehot, *The English Constitution*; A. H. Birch, *Representative and Responsible Government*; J. Blondel, *Voters, Parties and Leaders*; S. E. Finer, *Anonymous Empire* (2nd edn.); A. King, *The British Prime Minister*; A. H. Hanson and M. Walles, *Governing Britain*; P. G. J. Pulzer, *Political Representation and Elections in Britain*; R. M. Punnett, *British Government and Politics*; P. G. Richards, *The New Local Government System*; R. Rose (Ed.), *Policy-Making in Britain*; L. Tivey, *Nationalism in British Industry*; H. V. Wiseman (Ed.), *Parliament and the Executive*.

527(a) Classes

528 Parliamentary Government and the British Political Experience

Dr Barker and Mr Barnes. Ten lectures, Michaelmas Term. For B.Sc. (Econ.) Part II.

Syllabus and recommended reading will be given at the beginning of the course.

529 Parties, the Electoral Process, and the political Culture

Mr Barnes and Dr Nossiter. Nine lectures, Michaelmas Term. For B.Sc. (Econ.) Part II.

Syllabus The political culture. Elections and the electoral system. Voting behaviour. Interests and political pluralism. Parties, their organization, finance, and relationship with other interests. Political communication, public opinion, and the mass media.

Recommended reading will be given out at the beginning of the course.

530 History of British Politics from the Seventeenth to the Twentieth Century

Mrs Bennett. Thirty 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.

530(a) Class

Ten fortnightly classes, Michaelmas, Lent and Summer Terms.

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531 History of British Politics in the Twentieth Century

Mr Beattie, Mr Barnes and Dr Donoghue.

Twenty lectures of one-and-a-half hours. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Syllabus and recommended reading will be given at the beginning of the course.

531(a) Class

Five fortnightly classes, Lent and Summer Terms.

532 Contemporary British History (Seminar)

Mr Beattie, Mr Barnes and Dr Barker. Ten seminars, fortnightly throughout the Session.

Optional for B.Sc. (Econ.) Part II and interested graduate students.

533 The British Cabinet (Seminar)

Dr Regan, Mr Barnes and Mrs Bennett. Ten meetings, Lent Term.

For B.Sc. (Econ.) Part II. Graduate students may attend by invitation.

Syllabus Administrative, constitutional and political aspects of the British Cabinet in the twentieth century. Topics covered will include the Cabinet as initiator of legislation, co-ordinator of policy and arbitrator of disputes. Special attention will be paid to the development and operation of the Cabinet Secretariat and the Cabinet Office, Cabinet committees defence machinery, the Cabinet in war.

Recommended reading R. K. Alderman and J. A. Cross, *The Tactics of Resignation: A Study in British Cabinet Government*; L. S. Amery, *Thoughts on the Constitution*; J. Anderson, *The Machinery of Government*; C. R. Attlee, *The Labour Party in Perspective*; F. A. Bishop, *The Administration of Foreign Policy*; J. Bray, *Decision in Government*; S. Brittan, *Steering The Economy*; R. G. S. Brown, *The Administrative Process in Britain*;

D. N. Chester (Ed.), *Lessons of the British War Economy*; D. N. Chester and F. M. G. Willson, *The Organization of British Central Government*; R. H. S. Crossman (Ed.), *Walter Bagehot: The English Constitution*; H. Daalder, *Cabinet Reform in Britain*; H. Dalton, *High Tide and After*; J. Ehrman, *Cabinet Government and War 1890-1940*; P. Gordon Walker, *The Cabinet*; W. K. Hancock and M. M. Gowing, *The British War Economy*; Lord Hankey, *Government Control in War: Science and Art of Government*; D. Howell, *A New Style of Government*; N. Hunt (Ed.), *Whitehall and Beyond*; Lord Ismay, *The Memoirs of Lord Ismay*; F. A. Johnson, *Defence by Committee*; T. Jones, *Whitehall Diary*; A. King (Ed.), *The British Prime Minister*; K. Loewenstein, *British Cabinet Government*; W. J. M. Mackenzie and J. Grove, *Central Administration in Britain*; J. P. Mackintosh, *The British Cabinet*; H. Macmillan, *Tides of Fortune*; G. Mallaby, *From My level*; R. K. Middlemas and J. Barnes, *Baldwin: A Biography*; H. Morrison, *Government and Parliament*; R. K. Mosely, *The Story of the Cabinet Office*; J. C. Ries, *The Management of Defense*; J. H. Robertson, *Reform of British Central Government*; S. W. Roskill, *Hankey: Man of Secrets*; T. Sorensen, *Decision-Making in the White House*; Earl of Swinton, *Sixty Years of Power*; F. Williams, *The Triple Challenge; A Prime Minister Remembers*.

534 Administrative Organization and Behaviour

Professor Self. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc. and other interested 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

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experts in government; civil service systems; administrative motivation and performance; administrative reform.

Recommended reading P. Self, *Administrative Theories and Politics*; J. D. Millet, *Organization for the Public Service*; F. Heady, *Public Administration: A Comparative Perspective*; A. Etzioni, *Modern Organizations*; R. G. S. Brown, *The Administrative Process in Britain*; H. Seidman, *Politics, Position and Power*; L. C. Gawthrop, *Bureaucratic Behaviour in the Executive Branch*; F. F. Ridley and J. Blondel, *Public Administration in France*; M. Crozier, *The Bureaucratic Phenomenon*; Richard Clarke, *New Trends in Government*.

534(a) Public Administration (Class)

For B.Sc. (Econ.) Part II.

535 British Government and Bureaucracy

Dr G. W. Jones. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc.

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.

Recommended reading A. H. Hanson and M. Wallis, *Governing Britain*; J. A. Cross, *British Public Administration*; The Fulton Committee, *The Civil Service* (Cmnd. 3638); R. G. S. Brown, *The Administrative Process in Britain*; J. Garrett, *The Management of Government*; R. A. Chapman, *The Higher Civil Service in Britain*; C. H. Sission, *The Spirit of British Administration*; G. K. Fry, *Statesmen in Disguise*; D. N. Chester and F. M. G. Willson, *The Organisation of British Central Government*; W. J. M. Mackenzie and J. W. Grove, *Central*

Administration in Britain; H. Parris, *Constitutional Bureaucracy*; Haldane Report, *Report of the Machinery of Government Committee* (Cmnd. 9230); H.M.S.O., *The Reorganisation of Central Government* (Cmnd. 4500); S. H. Beer, *Treasury Control*; P. J. O. Self and H. J. Storing, *The State and the Farmer*; H. H. Eckstein, *Pressure Group Politics*; C. P. Snow, *Science and Government*; N. Walker, *Morale in the Civil Service*; P. J. O. Self, *Bureaucracy or Management*; Richard Clarke, *New Trends in Government*; D. Keeling, *Management in Government*.

536 Modern British Government (Classes)

Dr Barker, Mr Barnes and others. Ten classes, Michaelmas Term.

For B.Sc. (Econ.) Part II.

Classes will be held in connection with courses 528, 529 and 535.

537 British Political Parties and the Electorate (Seminar)

Mr Pickles, Mr. Barnes and Dr Nossiter.

Ten meetings, Michaelmas Term.

For graduate students. Optional for B.Sc. (Econ.) Part II.

538 Electoral Sociology and Democracy

Dr Nossiter. Ten lectures, Lent Term.

For M.Sc. Optional for B.Sc. (Econ.) Part II.

Syllabus The reformed electoral system in nineteenth century Britain: political background; influence, the purse and the social dimensions of voting; radicalism at the poll and on the streets; constituency, region and the nationalisation of politics. Continuities in traditional sources of authority: Bagehot, Shils, Young and the Monarchy; the deference voter.

Universal suffrage: the debate—political man or sociological man; socialisation and learning; the young voter. The floating vote; opinion polls; mass

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communications and elections. Changing perspectives on cleavage and consensus in recent research.

Recommended reading B. M. Barry, *Sociologists, Economists, and Democracy*; R. Dahl, *Preface to Democratic Theory*; H. Daudt, *Floating Voters*; V. O. Key, Jr., *The Responsible Electorate*; P. Pulzer, *Political Representation and Elections in Britain*; H. J. Hanham, *Elections and Party Management*; M. Kinnear, *The British Voter*; H. Pelling, *Social Geography of British Elections*; R. T. Mackenzie and A. Silver, *Angels in Marble*; D. Butler and D. Stokes, *Political Change in Britain*; J. G. Blumler and D. McQuail, *Television and Politics*; E. Allardt and S. Rokkan, *Mass Parties*; A. Campbell, *The American Voter*.

539 Aspects of Comparative Local Government

Dr G. W. Jones. Ten lectures, Lent Term.

For M.Sc. Recommended for other graduate students.

Syllabus A study of the local government systems of a number of countries both developed and underdeveloped. The organization, functions and areas of local authorities: their councils, internal arrangements, executives and administration. Politics, central-local relations, finance and the reform of local government. Planning; metropolitan and big-city government.

Recommended reading S. Humes and E. M. Martin, *The Structure of Local Government*; A. F. Leemans, *Changing Patterns of Local Government*; A. H. Marshall, *Local Government Finance*; H. F. Alderfer, *Local Government in Developing Countries*; M. J. Campbell, T. G. Brierly and L. F. Blitz, *The Structure of Local Government in West Africa*; Committee on the Management of Local Government, Vol. IV, *Local Government Administration Abroad*; G. S. Blair, *American Local Government*; B. Chapman, *Introduction to French Local Government*; W. A. Robson (Ed.), *Great Cities of the World*; A. H. Walsh, *The Urban Challenge to Government*. Other books and articles will be

recommended at the beginning of the course.

540 Comparative Political Institutions

For B.Sc. (Econ.) Part II.

(i) Introduction to the Methods of Comparison

Mr Wolf-Phillips. Five lectures of one-and-a-half hours, Michaelmas Term.

(ii) U.S.A.

Dr Letwin. Five lectures, Michaelmas Term.

(iii) France

Dr Wright. Five lectures, Lent Term.

(iv) Selected Key Topics

Professor Schapiro and other members of the department. Five lectures of one-and-a-half hours, Lent Term.

(v) U.S.S.R.

Mr Reddaway. Five lectures of one-and-a-half hours, Summer Term.

540(a) Comparative Political Institutions (Second Year) Classes

Professor Schapiro and other members of the department. Summer Term.

For B.Sc. (Econ.) Part II.

540(b) Comparative Political Institutions (Third Year) Classes

Professor Schapiro and other members of the department. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

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541 Politics in Africa

Visiting lecturers. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc.; M.A. area studies—Africa, and others interested.

This course will be given in 1973-4 by visiting lecturers, who will devote two or three lectures to (i) a specific country, analysing the contemporary political scene in its historical context (Ghana, Tanzania and Kenya) (ii) a specific topic of general relevance to the study of politics in all or several of the newly-independent African states.

542 Government and Administration in New and Emergent States

Mr P. F. Dawson. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc.; M.A. Area Studies. Optional for 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, administration and planning, the significance of field administration, problems and methods of decentralisation, the role of public corporations.

Recommended reading will be given at the beginning of the course.

542(a) Class

Note: M.Sc. students reading Politics and Government of Africa should attend Course 617 Foreign Relations of African States and Course 589 International Politics of Africa.

543 Politics and Government of France

Mr Pickles and Dr Wright. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; M.Sc. and other interested graduate students.

Syllabus and recommended reading will be given at the beginning of the course.

543(a) Politics and Government of France (Class)

Dr Wright. Fifteen classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

544 Politics and Government of the U.S.A.

Dr Letwin. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Syllabus and recommended reading will be given at the beginning of the course.

544(a) Class

Dr Rosen. Fortnightly, Michaelmas and Lent Terms, in connection with Course 544.

For B.Sc. (Econ.) Part II.

545 Politics and Government of Russia

Professor Schapiro. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II and other interested undergraduate and graduate students.

Syllabus and recommended reading will be given at the beginning of the course.

545(a) Class

Mrs de Kadt. Fortnightly, Michaelmas and Lent Terms, in connection with Course 545.

For *second-year* students.

545(b) Class

Professor Schapiro and Mrs de Kadt. Fortnightly, Michaelmas and Lent Terms, in connection with Course 545.

For *third-year* students.

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546 Russian Political Thought
Mrs de Kadt. Ten lectures, Lent Term, in connection with Course 545.

For B.Sc. (Econ.) Part II and interested graduate students.

Syllabus and recommended reading will be given at the beginning of the course.

547 Politics and Government of Scandinavia (Denmark, Norway and Sweden)

Dr G. F. D. Dawson. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Syllabus and recommended reading will be given at the beginning of the course.

547(a) Class

Dr G. F. D. Dawson, Michaelmas and Lent Terms, in connection with Course 547.

For B.Sc. (Econ.) Part II.

548 The Politics and Government of Germany

Dr G. R. Smith. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc. and other graduate students by permission.

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*; D. Childs, *Germany since 1918*; R. Dahrendorf, *Society and Democracy in Germany*; L. J. Edinger, *Politics in Germany*; A. Grosser, *Germany in Our Time: A Political History of the Post-War Years*; G. Lowenberg, *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.), *German Democracy and the Triumph of Hitler*; J. P. Payne (Ed.), *Germany Today*; G. K. Roberts, *West German Politics*; K. Sontheimer, *The Government and Politics of West Germany*; L. Whetten, *Germany's Ostpolitik*; P. Windsor, *Germany and the Management of the Détente*.

548(a) Class

Dr G. R. Smith. Fortnightly, Michaelmas and Lent Terms, in connection with course 547.

For B.Sc. (Econ.) Part II; M.Sc.

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549 Political and Economic Aspects of Public Policy Formation

Dr Letwin and others. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II and other students by permission.

Syllabus This course is designed to explore (1) relations between government and the economy in the 'mixed economies' of the Western world, and (2) the relations between modern political science and modern economic theory as modes of analysing social questions.

Particular subjects treated under (1) are political and economic aspects of inflation, full employment, public finance, regulation of hours and wages, regulation of private enterprise (especially by monopoly law and regulatory agencies), cost-benefit analysis, and policy-making for nationalised industries and governmental agencies engaged in the sale of goods and services.

Emphasis is placed on legislation, adjudication and administration as instruments of social policy, and their defects as well as merits in achieving the desired goals.

Particular subjects treated under (2) are: the 'economic theory of democracy', game theory as a mode of analysing political conflict and economic conflict (such as wage-negotiations), systems analysis and the political aspects of economic welfare theories.

The purpose in this second part of the course is to provide an introduction to the interactions between political and economic thinking about the decisions and behaviour of government.

Recommended reading for Section 1: R. J. Ball and P. Doyle (Eds.), *Inflation* (1970?); E. E. Bridges, *Treasury Control* (1950); S. Brittan, *Steering the Economy: The Role of the Treasury* (1969); D. Dewey, *Monopoly in Theory and Practice* (1963); J. C. R. Dow, *The Management of the British Economy 1945-1960* (1964); J. Hayward, *Private Interests and Public Policy* (1966); C. J. Hitch and R. N. McKean, *Economics of Defence in the Nuclear Age* (1960); A. Hunter, *Competition and the Law* (1965); T. W. Hutchison, *Economists and Economic*

Policy in Britain 1946-1966 (1968); W. A. Joehr and H. W. Singer, *The Role of the Economist as Official Adviser* (1955); C. M. Keeling, *Management in Government*; E. J. Mishan, *Welfare Economics* (1968); W. A. Robson, *Nationalised Industries and Public Ownership* (1961); C. Schultze, *The Politics and Economics of Public Spending* (1968); W. G. Shepherd, *Economic Performance under Public Ownership: British Fuel and Power* (1965); B. R. Stevens and B. S. Yamey, *The Restrictive Practices Court* (1965); J. Tinbergen, *On the Theory of Economic Policy* (1952); A. B. Wildavsky, *The Politics of the Budgetary Process* (1964);

For Section 2: B. M. Barry, *Sociologists, Economists and Democracy* (1970); D. Braybrooke and C. E. Lindblom, *A Strategy of Decision* (1963); J. B. Buchanan and G. Tullock, *The Calculus of Consent* (1962); A. Downs, *Economic Theory of Democracy* (1957); D. Easton, *A Framework for Political Analysis* (1969); M. Olson, *The Logic of Collective Action* (1965); A. Rappaport, *Strategy and Conscience* (1964); T. C. Schelling, *Strategy of Conflict* (1960).

GRADUATE COURSES (B)

550 Politics and Government of the United Kingdom (Seminar)

Dr Barker, Dr Donoghue and Mr Barnes. Sessional.

For M.Sc.

551 Twentieth Century British Politics (Seminar)

Dr Barker and Mr Beattie. Fortnightly, Lent and Summer Terms.

For interested graduate and undergraduate students.

Government

552 Comparative Government (Seminar)

Professor Schapiro, Dr Letwin, Mr Wolf-Phillips and Dr Wright.

Sessional.

For M.Sc.

553 Theories and Concepts of Political Sociology (Seminar)

Dr Nossiter and others. Sessional.

For M.Sc.

554 Political Behaviour (Seminar)

Dr Nossiter. Lent and Summer Terms.

For M.Sc.

555 The Aims and Methods of Governmental Planning

Professor Self. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc. and other graduate students. Optional for B.Sc. S.S. and A. 2nd yr.; Dip. Soc. Admin., Overseas Option (one-year); Dip. Soc. Plan.

Syllabus The modern scope of state activity. Theories of democratic planning and of the relations between the economic process and the political process. Types and levels of governmental planning. The location and functioning of planning units, and the organization of planning machinery. The relationship of plans to administrative action and co-ordination. The contribution of social sciences to planning. Methods of planning and the implementation of plans.

Recommended reading will be announced weekly.

555(a) The Machinery of Governmental Planning (Seminar)

Dr G. W. Jones. Michaelmas Term, in conjunction with Course 555.

For M.Sc. Other interested undergraduate and graduate students may attend.

Syllabus The seminar will discuss the organization of governmental planning in a number of countries developed and developing.

556 An Introduction to Administrative Theories

Professor Self and Dr Regan. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc. and other graduate and undergraduate students interested.

Syllabus An introduction to the theoretical approach to public administration, including concepts of scientific management, organization theories, administrative sociology, and theories of the policy process. Administrative issues considered in the light of theories.

Recommended reading P. Meyer, *Administrative Organisation*; L. Gulick and L. Urwick, *Papers on the Science of Administration*; H. A. Simon, *Administrative Behaviour* (2nd edn.); M. Hill, *Sociology of Public Administration*; P. Self, *Administrative Theories and Politics*; C. E. Lindblom and D. Braybrooke, *The Policy Making Process*; J. G. March and H. A. Simon, *Organisations*; K. Boulding, *The Organisational Revolution*; D. Waldo, *The Administrative State*; R. Likert, *New Patterns of Management*; G. Vickers, *The Art of Judgement: Towards a Sociology of Management*; A. Etzioni, *Modern Organisations*; M. Albrow, *Bureaucracy*; N. P. Mouzelis, *Organisation and Bureaucracy*; M. Crozier, *The Bureaucratic Phenomenon*. Further reading will be given during the course.

557 Urban and Regional Planning: Politics and Administration

Professor Self, Dr G. W. Jones and Dr Regan. Twenty lectures, Lent and Summer Terms.

For M.Sc.

Syllabus (a) The history and development of urban and regional planning. The evolution of public policies, legislation and government organization.

(b) The present system of planning

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administration, including plan making and implementation, and central-local relations.

(c) The politics of urbanisation and of the planning process.

(d) The relation of planning to housing and to social policies. The uses of planning research. The planning profession.

(e) Theories of the purposes and character of urban and regional planning. Methods of regional planning. Comparisons between British and other systems.

Recommended reading

A. TOWN AND COUNTRY PLANNING

A. Altshuler, *The City Planning Process*; 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*; S. Greer, *The Emerging City*; J. A. G. Griffith, *Central Departments and Local Authorities* (chap. 5); Peter Hall, *London 2,000* (2nd edn.); D. Heap, *An Outline of Planning Law* (5th edn.); Jane Jacobs, *The Life and Death of Great American Cities*; D. R. Mandelker, *Green Belts and Urban Growth*; 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*; F. F. Rabinovitz, *City Politics and Planning*; P. Self, *Cities in Flood: the Problems of Urban Growth* (2nd edn.); Metropolitan Planning: *The Planning System of Greater London*; Skeffington Committee, *People and Planning*; J. Tetlow and A. Goss, *Homes, Towns and Traffic* (2nd edn.).

B. REGIONAL AND ECONOMIC PLANNING

J. R. Boudeville, *Regional Economic Planning*; G. C. Cameron and B. D. Clark, *Industrial Movement and the Regional Problem*; G. C. Cameron and G. L. Reid, *Scottish Economic Planning and the Attraction of Industry*; R. E. Dickinson, *The City Region in Western Europe*; J. Friedman and W. Alonso, *Regional Development and Planning*; J. and A. M. Hackett, *Economic Planning in France*; Hunt Committee, *The Intermediate Areas* (Cmd. 3998); G. McCrone, *Regional Policy in Britain*; Joan Mitchell, *Groundwork to Economic Plan-*

ning; G. Myrdal, *Economic Theory and Underdeveloped Regions*; F. Oules, *Economic Planning and Democracy*; S. C. Orr and J. B. Cullingworth (Eds.), *Regional and Urban Studies*; P.E.P., *Regional Development in the European Economic Community*; B. C. Smith, *Regionalism in England*, 3 Vols.; J. Tinbergen, *Central Planning*; T. Wilson, *Papers on Regional Development*; *Policies on Regional Development*; Peter Hall, *The Theory and Practice of Regional Planning*; T. McGee, *The Urbanisation Process in the Third World*; F. Shaffer, *The New Town Story*; Ray Thomas, *London's New Towns*; Aycliffe to Cumbernauld; M. M. Watson, *Regional Development Policy and Administration in Italy*; R. E. Wraith and G. B. Lamb, *Public Inquiries as an Instrument of Government*.

557(a) Urban and Regional Planning: Politics and Administration (Seminar)

Professor Self, Dr G. W. Jones and Dr Regan. Sessional.

For M.Sc. Other students may attend only by permission.

558 Law and Administration (Seminar)

Professor Griffith, Dr Regan and Dr Jowell. 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.

559 Public Enterprise

Professor Robson. Nine lectures, Lent Term.

For M.Sc.; B.Sc. (Econ.) Part II.

Syllabus The distinctive features of public enterprise. Ideological and material

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influences determining the extent and scope of public enterprise in different countries. The principal spheres of public undertakings. The motives of State intervention. The role of public enterprise in a mixed economy.

The principal types of institution used for administering public enterprises. Government departments, local authorities, joint stock companies etc. The public corporation: its constitutional, political, legal, financial and administrative characteristics. The Governing Board. The theory and practice of public corporations. Mixed enterprise. International public enterprise and mixed enterprise. The impact of the E.E.C. on nationalised industry.

The organization and management of public undertakings. Types of structure. Control and accountability. Financial and price policy. Relations with Parliament, Ministers, the courts etc. Consumers and consumer councils. Labour relations and joint consultation. Competition, conflict and monopoly in the public sector. Relations with the public. The aims and purposes of public enterprise. Rival concepts. The criteria of performance. Favourable and adverse conditions for the operation of public enterprise. Recent developments and new approaches.

Recommended reading W. A. Robson, *Nationalized Industry and Public Ownership*; W. A. Robson (Ed.), *Problems of Nationalized Industry*; *Mixed Enterprise* (National Westminster Bank quarterly Review, August 1972); A. H. Hanson (Ed.), *Nationalization*; A. H. Hanson, *Parliament and Public Ownership*; A. H. Hanson, *Public Enterprise and Economic Development*; C. Foster, *Politics, Finance and the Role of Economics*; M. Shanks (Ed.), *The Lessons of Public Enterprise*; Stuart Holland (Ed.), *The State as Entrepreneur*; Lloyd Musolif, *Mixed Enterprise*; Leonard Tivey (Ed.), *The Nationalised Industries since 1960*; A. Chazel and H. Poyet, *L'Economie Mixte*; D. Coombes, *The Member of Parliament and the Administration*; *State Enterprise—Business or Politics*; R. Pryke, *Public Enterprise in Practice*; W. Thornhill, *The Nationalised Industries*; W. Friedmann and J. F. Garner (Eds.), *Government Enterprise*; Select Committee on Nationalised

Industries, *Report on the Post Office*, 1967; *Report on Ministerial Control*, session 1967-68; G. S. Bhalla, *Financial Administration of Nationalised Industries in U.K. and India*; Centre Européen de de l'Entreprise Publique, *Les entreprises dans la communauté économique Européenne*; Collège d'Europe, *Public Enterprises and Competition: Rapport sur les Entreprises Publiques* (NORA Report, Paris, 1967).

559(a) Problems of Public Enterprise (Seminar)

Professor Robson, Nine meetings, Lent and Summer Terms.

For M.Sc. Undergraduates may attend by permission.

560 Public Administration (Seminar)

Professor Self, Dr G. W. Jones and Dr Regan. Sessional.

For M.Sc.

561(i) The British Civil Service (Seminar)

Professor Self, Dr G. W. Jones and Dr Regan. Lent Term.

For graduate and other students interested. Recommended for B.Sc. (Econ.) Part II; M.Sc.

The seminar will include contributions from senior Civil Servants and others with experience of the workings of government.

561(ii) Local Government (Seminar)

Dr G. W. Jones. Five meetings, Summer Term.

For B.Sc. (Econ.) Part II; M.Sc. and other interested students.

Contributors will include those with experience of local government.

562 France: Politics and Administration (Seminar)

Dr Wright. Sessional.

See also Course 543.

For M.Sc. and other interested graduate students.

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563 West European Studies (Interdepartmental Seminar)

Dr G. F. D. Dawson, Mr Taylor and Dr Wright. Fortnightly, Sessional.

For interested graduate students. The purpose of this seminar will be to explore problems of modernisation and change in contemporary Western Europe.

564 Politics and Government of Scandinavia (Seminar)

Dr G. F. D. Dawson. Fortnightly, Sessional.

For M.Sc. Students may have difficulty without at least some knowledge of one of the Scandinavian languages.

565 Soviet Problems (Seminar)

Professor Schapiro and Mr Reddaway will hold a weekly seminar throughout the session on current political problems and on historical questions in the Soviet and Communist orbit for graduates working under their supervision. Others may attend strictly by invitation.

566 Government and Politics in Eastern Europe (Seminar)

Mr Blit. Michaelmas and Lent Terms.

For graduate students. Undergraduates may attend by permission.

567 Russian Politics and Political Thought (Seminar)

Professor Schapiro, Mr Reddaway and Mrs de Kadt. 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.

568 Seminar

Professor Greaves. Fortnightly, Michaelmas and Lent Terms, on a subject to be arranged.

For graduate students.

569 Politics and Government of the Middle East

Professor Kedourie. Ten lectures, Michaelmas 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, "Seriat as a Political Slogan" (*Middle Eastern Studies*, Vol. 7. No. 3. October 1971); D. Farhi, "Nizam-i 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.

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Keddie, *An Islamic Response to Imperialism*; E. Kedourie, *England and the Middle East*; *The Chatham House Version*; Afghani and 'Abduh; A. K. S. Lambton, *Islamic Society in Persia*; W. Z. Laqueur (Ed.), *The Middle East in Transition*; B. Lewis, *The Emergence of Modern Turkey*; A. H. Lybyer, *The Government of the Ottoman Empire in the time of Suleiman the Magnificent*; R. Montagne, "'The Modern State' in Africa and Asia" (*The Cambridge Journal*, 1952); E. E. Ramsaur, *The Young Turks*; P. Rondot, *Les Institutions Politiques du Liban*; E. I. J. Rosenthal, *Political Thought in Medieval Islam*; Kamal Salibi, *The Modern History of Lebanon*; D. de Santillana, "Law and Society" in *The Legacy of Islam*; S. Shaw "The origins of Ottoman Military Reform" (*Journal of Modern History*, Vol. 37, 1965); 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).

570 Government and Politics in Latin America

Mr Moseley-Williams. Fifteen lectures, Michaelmas and Lent Terms.

For graduate students. Also recommended for B.Sc. (Econ.) Part II.

Syllabus Political institutions, parties and major elites of the countries of Latin America.

Recommended reading will be given at the beginning of the course.

571 Contemporary Politics in Selected Latin American Countries (Seminar)

Mr Moseley-Williams. Ten seminars, Lent and Summer Terms.

For graduate students. Undergraduates may be admitted by arrangement.

572 Government Regulation of the American Economy (Seminar)

Dr Letwin. Fortnightly, Lent and Summer Terms.

For graduate students.

International Relations

580 Structure of International Society

Mr James. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I.

Syllabus The purpose of this course is to promote a deeper understanding of international relations. It will examine the context within which sovereign States are able to engage in continuous and complex relations with one another, discuss the character of those relations, analyse the ingredients of foreign policy and the means by which it is executed, enquire into the circumstances which engender harmony and discord between States, and consider some proposals which have been made for the better ordering of the international society.

Recommended reading C. A. W. Manning, *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*; L. Henkin, *How Nations Behave*; O. J. Lissitzyn, *International Law Today and Tomorrow*; J. Frankel, *National Interest*; 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*; R. Ogle (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*.

580(a) Structure of International Society (Class)

Mr James and other members of the department. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I.

581 The International Political System

Professor Northedge. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Geog; M.Sc. and other graduate students.

Syllabus The emergence and organization of the modern system of sovereign States. The political process in the international community and contemporary thought on its character and functioning. The external needs of States and goals of State activity. The means of pressure and the forms of political relationship between States. The dynamic aspect: revolutionary movements, the external projection of political values and the changing distribution of power and leadership. War as a contingency of international life. Mechanisms for securing stability and agencies for directed change.

Recommended reading F. S. Northedge and M. J. Grieve, *A Hundred Years of International Relations*; S. Hoffmann (Ed.), *Contemporary Theory in International Relations*; H. and M. Sprout, *Foundations of International Politics*; M. A. Kaplan (Ed.), *The Revolution in World Politics*; F. H. Hinsley, *Power and the Pursuit of Peace*; F. S. Northedge and M. D. Donelan, *International Disputes: The Political Aspects*; R. Niebuhr, *The Structure*

International Relations

of Nations and Empires; E. M. Winslow, *The Pattern of Imperialism*; H. Seton-Watson, *The New Imperialism*; R. Emerson, *From Empire to Nation*; A. Cobban, *National Self-Determination*; C. J. H. Hayes, *The Historical Evolution of Modern Nationalism*; I. Claude, *Power and International Relations*; A. B. Bozeman, *Politics and Culture in International History*; L. J. Halle, *The Nature of Power*; E. V. Gulick, *Europe's Classical Balance of Power*; A. F. K. Organski, *World Politics* (2nd edn.); G. A. Lipsky (Ed.), *Law and Politics in the World Community*; L. C. V. Crabb, *Nations in a Multi-polar World*; C. L. Robertson, *International Politics Since World War II*; A. Wolfers, *Discord and Collaboration*; R. Aron, *Peace and War*; K. J. Holsti, *International Politics*; B. Porter (Ed.), *Aberystwyth Papers; International Politics 1919-69*.

581(a) International Politics (Class)

Mr G. H. Stern and others.
Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u.
main field Geog.

582 Sovereignty

Mr James. Five lectures, Lent
Term.

For second and third-year undergraduate
and graduate students.

Syllabus An examination of the uses
and implications of the concept of
sovereignty as applied to the state in its
international aspect.

Recommended reading will be given
during the course.

583 The Foreign Policies of the Powers

Members of the department and
Mrs Pickles. Thirty lectures, Lent
and Summer Terms.

For B.Sc. (Econ.) Part II; M.Sc.
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 Indonesia will be
considered in the session 1973-74.

Recommended reading

(a) THE UNITED STATES: J. W. Spanier, *American Foreign Policy since World War II*; M. Donelan, *The Ideas of American Foreign Policy*; B. Sapin, *The Making of United States Foreign Policy*; A. Scott and R. Dawson, *Readings in the Making of American Foreign Policy*; R. Neustadt, *Presidential Power*; H. Jackson (Ed.), *The National Security Council; Congress and Foreign Policy Making*; F. Wilcox, *Congress, The Executive, and Foreign Policy*; R. Bauer et al, *American Business and Public Policy*; A. Yarmolinsky, *The Military Establishment*; E. Plischke, *The Conduct of American Diplomacy*.

(b) THE UNITED KINGDOM: Lord Strang, *Britain in World Affairs*; Lord Strang, *The Foreign Office*; F. S. Northedge, *British Foreign Policy, 1945-1961*; D. G. Bishop, *The Administration of British Foreign Relations*; F. S. Northedge, *The Troubled Giant*; M. Leifer (Ed.), *Constraints and Adjustments in British Foreign Policy*.

(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*.

(d) FRANCE: J. B. Duroselle, *Changes in French foreign policy since 1945* (also in Stanley Hoffman et al, *France: Change and Tradition*); A. Grosser, *French foreign policy under de Gaulle; L'Annee politique, 1958-1974* (Texts of Presidential press conferences); F. R. Willis, *France, Germany and the New Europe, 1945-1963*; G. de Carmoy, *The foreign policies of France*; J. Newhouse, *De Gaulle and the*

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Anglo-Saxons; N. Waites (Ed.), *Troubled Neighbours*; W. W. Kulski, *De Gaulle and the World*; S. Serfaty, *France, de Gaulle and Europe*; D. Pickles, *The Government and Politics of France, Volume II, Politics*.

(e) INDIA: J. Bandyopadhyaya, *The Making of India's Foreign Policy; Bangladesh Documents* (Government of India Publications, December 1971); 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 ed.; 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*; R. Hiscocks, *Democracy in Western Germany*; A. Grosser, *Western Germany Rejoins the Powers*; G. Freund, *Germany between Two Worlds*; H. Plessner *Die verspätete Nation*.

(g) INDONESIA: G. McT. Kahin, *Nationalism and Revolution in Indonesia*; A. M. Taylor, *Indonesian Independence and the U.N.*; L. H. Palmier, *Indonesia and the Dutch*; A. Lijphart, *The Trauma of Decolonization: The Dutch and West New Guinea*; 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*.

584 Foreign Policy Analysis

Professor Goodwin. Ten lectures,
Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.
and other graduate students.

Syllabus A discussion of the nature of
foreign policy as an activity. Such aspects
as the following will be considered: the
terms used in the analysis and practice of
foreign policy; purposes, aims and deter-
minants of foreign policy; internal and
external influences; problems of co-
operation, conflict and dispute with other
states; methods of implementing foreign
policy; problems of organization.

Recommended reading F. S. Northedge
(Ed.), *The Foreign Policies of the Powers*;
J. Frankel, *The Making of Foreign Policy*;
P. Renouvin and J. B. Duroselle, *An Introduction to the History of International Relations*; R. E. Jones, *Analysing Foreign Policy*; D. Wilkinson, *Comparative Foreign Relations*; H. Nicolson, *Diplomacy*; R. Osgood and R. Tucker, *Force, Order and Justice*; M. Beloff, *Foreign Policy and Democratic Politics*; K. London, *The Making of Foreign Policy, East and West*; V. McKay (Ed.), *African Diplomacy*; K. Deutsch, *The Nerves of Government*; J. N. Rosenau (Ed.), *International Politics and Foreign Policy*, revised edn; K. Waltz, *Foreign Policy and Democratic Politics*; J. H. de Rivera, *The Psychological Dimension of Foreign Policy*; R. C. Snyder et al, (Eds.), *Foreign Policy Decision Making*.

584(a) Foreign Policy Analysis (Class)

Professor Goodwin and others.
Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

585 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

International Relations

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*; W. C. Clemens, *The Arms Race and Sino-Soviet Relations*; 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*; J. H. Kautsky, *Communism and the Politics of Development*; G. F. Kennan, *Russia and the West under Lenin and Stalin*; R. Loewenthal, *World Communism: the Disintegration of a Secular Faith*; R. H. McNeal (Ed.), *International Relations Among Communists*; S. Schram, *The Political Thought of Mao Tse-tung*; G. H. N. Seton-Watson, *The Pattern of Communist Revolution*; R. F. Staar, *The Communist Regimes in Eastern Europe*; G. H. Stern, *Fifty Years of Communism*; D. W. Treadgold (Ed.), *Soviet and Chinese Communism: Similarities and Differences*; G. Wint, *Communist China's Crusade*.

586 The External Relations of the Chinese Peoples' Republic

Mr Yahuda. Ten lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II; M.Sc. 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.

587 New States in World Politics

Dr Lyon. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Syllabus The central theme of the course will be the part played by new states in international order. Modern international history presents three main waves of new state making and these have each been consequent upon the collapse of imperial orders: (1) in Latin America in the early nineteenth century; (2) in Eastern Europe at the end of the First World War and in its aftermath; (3) in Asia and Africa, and elsewhere, since 1945. This course will mostly be concerned with the third of these phases, but it will begin by looking briefly at the two earlier phases to provide a historical perspective and some bases for comparison.

Recommended reading C. E. Black, *The Dynamics of Modernization, A Study in Comparative History*; P. Calvocoressi, *New States and World Order*; K. W. Deutsch and W. S. Foltz (Eds.), *Nation-Building*; S. E. Finer, *The Man on Horseback*; P. H. Lyon, *Neutrality*; F. R. von der Merden, *Politics of Developing Nations*; J. D. B. Miller, *The Politics of the Third World*; W. C. McWilliams, *Garrisons and Government, Politics and the Military in New States*; D. Rustow, *A World of Nations*; D. Apter, *The Politics of Modernization*; G. H. Jansen, *Afro-Asia and Non-Alignment*; E. Kedourie, *Nationalism*; S. Huntington, *Political Order in Changing Societies*; A. James (Ed.), *The Bases of International Order*.

588 The International Relations of Southern Asia

Dr Leifer, Mr Yahuda and Professor Miller. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc. and other graduate students.

Syllabus Regional conventions and political realities. World order and regional order. Transfers of power and problems of international status. Great powers' interests and sponsorship: (i)

International Relations

Communist ideas and practice (ii) The American alliance system. Asian responses: alignment and non-alignment. Irredenta, ideology and intraregional conflicts. Internal war and external intervention. National security and intraregional association.

Recommended reading J. Badgely, *Asian Development*; M. Leifer, *Dilemmas of Statehood in S.E. Asia*; 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*; W. J. Barnds, *India, Pakistan and the Great Powers*; C. B. McLane, *Soviet Strategies in S.E. Asia*; F. Green, *U.S. Policy and the Security of Asia*; Tang Tseu (Ed.), *China's Policies in Asia*; A. Lamb, *Asian Frontiers*.

589 International Politics of Africa

Mr Mayall. Ten lectures, Michaelmas Term.

For M.Sc.; M.A. Area Studies—Africa.

Syllabus The various groupings, associations and alignments within the Pan-African movement. Problems of national integration and of state frontiers. The present basis, character and extent of inter-state co-operation. The concepts of non-alignment, neutralism and neo-colonialism. Special relationships with the Commonwealth, Britain, France, the European Economic Community. Problems concerning foreign trade and foreign aid. Policies within the United Nations. Great Power policies towards Africa.

Recommended reading C. Legum, *Pan-Africanism*; Doudou Thiam, *The Foreign Policy of African States*; R. C. Lawson, *International Regional Organisations, Part V*; N. J. Padelford and R. Emerson (Eds.), *Africa and World Order*; V. McKay (Ed.), *African Diplomacy; Studies in the Determinants of Foreign Policy*; K. Nkrumah, *Africa Must Unite*; I. Wallerstein, *Africa: the Politics of Unity*; Ali Mazrui, *Towards a Pax Africana*; I. W. Zartman, *International*

Relations in the New Africa; A. Hazlewood (Ed.), *African Integration and Disintegration*; Z. Cervenka, *The Organisation of African Unity and its Charter*; C. G. Widstrand, *African Boundary Problems*; G. de Lusignan, *French Speaking Africa since Independence*, Part 3; Z. Bezanski, *Africa and the Communist World*; A. Tevoedjre, *Pan-Africanism in Practice*; P. Robson, *Economic Integration in Africa*; W. A. Nielsen, *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*.

For articles consult *International Affairs*; *World Today*; *International Organisation*; *Journal of Modern African Studies* and *Africa Report*.

Students should also attend Course 617 Foreign Relations of African States.

590 The Great Powers and the Middle East

Dr Hirszowicz. Seven lectures, Lent Term.

For undergraduate and graduate students interested.

Syllabus A survey and analysis of the contemporary significance of the Middle East within a context of great power relations. Concentration upon basic great power interests and relations in the area and upon the interplay between Middle East domestic and international politics.

Recommended reading will be given at the beginning of the course.

591 International Institutions

Mr James and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Syllabus The place of international institutions, both quasi-universal (e.g. the League of Nations and the United Nations)

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and regional, in the international political system and in the foreign policies of their members. The growth and forms of international institutional co-operation: association, co-ordination and integration. Collective security and the balance of power. The development of international "peace-keeping" forces. Factors making for cohesion and disintegration in regional diplomatic systems and in military alliances. The role of international economic institutions in international trade and economic development. The policy-making role of international secretariats.

Recommended reading J. G. Plano and R. E. Riggs, *Forging World Order*; L. M. Goodrich, *The United Nations*; R. B. Russell, *The United Nations and United States Security Policy*; A. Boyd, *United Nations: Piety, Myth, and Truth*, 2nd edn., 1964; N. J. Padelford and L. M. Goodrich (Eds.), *The United Nations in the Balance: Accomplishments and Prospects*; K. J. Twitchett (Ed.), *The Evolving United Nations: A Prospect for Peace?*; I. L. Claude, *Swords into Plowshares*, 4th edn., 1971; A. Zimmern, *The League of Nations and the Rule of Law*, 2nd edn., 1939; C. A. Cosgrove and K. J. Twitchett (Eds.), *The New International Actors*; J. G. Stoessinger, *The United Nations and the Super Powers*, 2nd edn., 1969; M. S. and L. S. Finkelstein (Eds.), *Collective Security*; J. Larus (Ed.), *From Collective Security to Preventive Diplomacy*; H. G. Nicholas, *The United Nations as a Political Institution*, 4th edn., 1970; F. P. Walters, *A History of the League of Nations*; L. P. Bloomfield (Ed.), *International Military Forces*; A. James, *The Politics of Peace-keeping*; L. Gordenker, *The United Nations Secretary-General and the Maintenance of Peace*; A. W. Rovine, *The First Fifty Years: The Secretary-General in World Politics 1920-1970*; I. L. Claude, *The Changing United Nations*; D. A. Kay, *The New Nations in the United Nations 1960-1967*; Y. El-Ayouty, *The United Nations and Decolonisation: The Role of Afro-Asia*; S. Wells, *International Economics*; K. Kock, *International Trade Policy and the GATT*; F. Hirsch, *Money International*, revised edn., 1970; Stephen Cohen, *International Monetary Reform, 1964-69:*

the Political Dimension; R. Gardner and M. Millikan (Eds.), *The Global Partnership: International Agencies and Economic Development*; C. Kindleberger, *Power and Money*; M. Camps, *European Unification in the Sixties*; A. Hazlewood, *African Integration and Disintegration*; G. Adler-Karlsson, *Western Economic Warfare: A Case Study in Foreign Economic Policy*; R. Cooper, *Economics of Interdependence*; G. Liska, *Nations in Alliance*; R. E. Osgood, *Alliances and American Foreign Policy*; R. Hunter, *The Security of Europe*; M. Mackintosh, *The Evolution of the Warsaw Pact*; R. E. Neustadt, *Alliance Politics*; J. Slater, *The O.A.S. and U.S. Foreign Policy*; O. C. Stoetzer, *The Organization of American States*; G. Connell-Smith, *The Inter-American System*; I. W. Zartman, *International Relations in the New Africa*; Z. Cervenka, *The Organization of African Unity and its Charter*; B. K. Gordon, *Towards Disengagement in Asia*; S. D. Bailey, *Prohibitions and Restraints in War*; E. Luard (Ed.), *The International Protection of Human Rights*; U.N., *Basic Problems of Disarmament: Reports of the Secretary-General; The United Nations and Disarmament, 1945-1970*; J. Barros, (Ed.), *The United Nations*.

591(a) International Institutions (Class)

Mr James and others.
Fifteen Classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

591(b) International Institutions (Class)

Mr James and others.
Fifteen classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr.

592 Theories of International Institutional Co-operation

Mr Taylor. Ten lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II; M.Sc.

International Relations

Syllabus An examination of the major theories about the origins, shape and purpose of international institutions in international society. Theories linking the tasks of international institutions with the problems of world order: international integration, sovereignty and community building; multilateral diplomacy, peaceful change and the compatibility of state interests.

Recommended reading A. Etzioni, *Political Unification: A Comparative Study of Leaders and Forces*; E. B. Haas, *Beyond the Nation State*; J. P. Sewell, *Functionalism and World Politics*; 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*.

593 The Politics of Western European Integration

Mr Taylor. Ten lectures,
Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus The emergence of the European Community: the European idea; the dynamics of integration. The institutions: structure and policy-making processes (O.E.E.C.-O.E.C.D., Council of Europe, the E.E.C. and E.C.S.C.). The impact of the institutions upon state policy. Theoretical aspects: the notion of supranationality. The Federalist, the Confederalist and the Functionalist approaches to the integration of the Six. European security and European integration.

Recommended reading M. Beloff, *Europe and the Europeans*; *Europe Unites*; *The Story of the Campaign for European Unity*; C. Grove Haines (Ed.), *European Integration*; Political and Economic Planning, *European Unity*; M. Camps, *Britain and the European Economic Community*; M. Camps, *European Unification in the Sixties: From the Veto to the Crisis*; J. Deniau, *The Common Market*; L. N. Lindberg and S. Scheingold, *Europe's Would-Be Polity*; U. W. Kitzinger, *The Challenge of the Common Market*; W. Pickles, *Not With*

Europe; How Much Has Changed?; S. Holt, *The Common Market*; A. Spinelli, *The Eurocrats*; J. Newhouse, *Collision in Brussels: the Common Market Crisis of 30 June 1965*; S. Bodenheimer, *Political Union: a Microcosm of European Politics*.

593(a) The Politics of Western European Integration (Class)

Mr Taylor. Four or five meetings,
Lent Term.

For B.Sc. (Econ.) Part II.

594 The External Relations of the European Community

Professor Goodwin. Five lectures,
Summer Term.

For graduate and undergraduate students interested.

Syllabus An examination of the external relations of the European Community with particular reference 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.

595 Conflict

Mr Sims. Five lectures,
Michaelmas Term.

For undergraduate and graduate students interested.

Syllabus An introductory course on some theoretical approaches to the study of international conflict. Elements of conflict processes; their incidence, correlates and dynamics in international relations; modes of analysis of international conflict, levels of explanation and problems of causality; structural and perceptual theories compared; third-party intermediaries and outcomes of conflict.

Recommended reading K. E. Boulding, *Conflict and Defence*; J. W. Burton, *Conflict and Communication*; *Peace Theory*; J. D. Carthy & F. J. Ebling (Eds.), *The Natural History of Aggression*; L. Kriesberg (Ed.), *Social Processes in*

International Relations

International Relations; E. Luard, *Conflict and Peace in the Modern International System*; E. B. McNeil (Ed.), *The Nature of Human Conflict*; T. Mathisen, *Research in International Relations*; M. B. Nicholson, *Conflict Analysis*; T. H. Pear (Ed.), *Psychological Factors of Peace and War*; D. G. Pruitt & R. C. Snyder (Eds.), *Theory and Research on the Causes of War*; C. G. Smith (Ed.), *Conflict Resolution*; Q. Wright, *A Study of War*; O. R. Young, *The Intermediaries*. Journals: *Journal of Conflict Resolution*; *Journal of Peace Research*.

596 Theories of International Politics

Mr Donelan. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus The ideas of various statesmen and theorists about the right organization of the world and about right conduct in world politics.

Recommended reading P. Seabury (Ed.), *Balance of Power*; F. Gentz, *Fragments upon the Balance of Power in Europe* (See M. Forsyth et al., *The Theory of International Relations*); C. Holbraad, *The Concert of Europe*; G. Bennett (Ed.), *The Concept of Empire, Burke to Attlee*; M. Perham, *Lugard*; A. Cobban, *The Nation State and National Self-Determination*; G. Salvemini, *Mazzini*; C. Hibbert, *Garibaldi and His Enemies*; A. Zimmern, *The League of Nations and the Rule of Law*; Cecil, *A Great Experiment*; H. Rauschnig, *Germany's Revolution of Destruction*; R. Sterling, *Ethics in a World of Power, The Political Ideas of Friedrich Meinecke*; J. Muirhead, *German Philosophy in Relation to the War*; E. Sidgwick et al., *The International Crisis in its Ethical and Psychological Aspects*; Thucydides, "The Melian Debate" (*Peloponnesian War*, V, 7); J. Tooke, *The Just War in Aquinas and Grotius*; P. Ramsey, *The Just War, Force and Responsibility*; R. Tucker, *The Just War, A Study in Contemporary American Doctrine*; Castlereagh's State Paper (See K. Bourne, *The Foreign Policy of Victorian*

England Doc. 2); R. Cobden, *Political Writings*; A. Wolfers and L. Martin (Eds.), *The Anglo-American Tradition in Foreign Affairs*; F. Hinsley, *Power and the Pursuit of Peace*; W. Schiffer, *The Legal Community of Mankind*.

596(a) Theories of International Politics (Class)

Mr Donelan, Mr Taylor and Mr Banks. Lent and Summer Terms.

For B.Sc. (Econ.) Part II.

597 Theories of International Behaviour

Mr Banks. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Syllabus Recent trends and developments in the study of international relations and associated disciplines. Problems of methodology and epistemology. The systems perspective and attempts to apply it to world society. Normative approaches to world society: peace research and the growth of future studies. Policy formation and execution: values, images and perception, decision making, communication, adjustment. Attempts to apply operational concepts to the study of politics at the national, cross-national and international levels. Empirical research techniques and findings: aggregate data analysis, computer simulation, small-group research, ethnological research, content analysis.

Recommended reading M. Barkun, *Law Without Sanctions*; R. A. Bauer and K. J. Gergen (Eds.), *The Study of Policy Formation*; P. M. Blau, *Exchange and Power in Social Life*; J. W. Burton, *Systems, States, Diplomacy and Rules*; K. W. Deutsch, *The Analysis of International Relations*; E. B. Haas, *Beyond the Nation-State*; M. A. Kaplan (Ed.), *New Approaches to International Relations*; H. C. Kelman (Ed.), *International Behavior*; W. J. M. Mackenzie, *Politics and Social Science*; C. A. McClelland, *Theory and the International System*; E. J. Meehan, *The Theory and Method of Political Analysis*; J. H. de Rivera, *The*

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Psychological Dimension of Foreign Policy; D. G. Pruitt and R. C. Snyder (Eds.), *Theory and Research on the Causes of War*; J. Raser, *Simulation and Society*; J. N. Rosenau (Ed.), *International Politics and Foreign Policy* (2nd edn.); *Linkage Politics*; B. M. Russett et al., *World Handbook of Political and Social Indicators*; J. D. Singer (Ed.), *Quantitative International Politics*; R. C. Snyder et al. (Eds.), *Foreign Policy Decision Making*; O. R. Young, *Systems of Political Science*. Also articles in *International Studies Quarterly*; *General Systems Yearbook*; *Journal of Conflict Resolution*.

598 Philosophical Aspects of International Relations

Professor Manning. Five or more lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.

Recommended reading J. L. Brierly, *The Basis of Obligation in International Law*; K. Boulding, *The Image*; E. H. Carr, *The Twenty Years' Crisis*; B. de Jouvenel, *On Power*; W. T. R. Fox (Ed.), *Theoretical Aspects of International Relations*; G. L. Goodwin, *The University Teaching of International Relations*; F. Gross, *Foreign Policy Analysis*; S. H. Hoffman, *Contemporary Theory in International Relations*; M. A. Kaplan and N. de B. Katzenbach, *The Political Foundations of International Law*; P. Laslett (Ed.), *Philosophy, Politics, and Society* (1st edn.); C. A. W. Manning, *The Nature of International Society*; T. Mathisen, *Methodology of the Study of International Relations*; F. Meinecke, *Machiavellism*; J. Plamenatz, *On Alien Rule and Self-Government*; K. Popper, *The Poverty of Historicism*; J. N. Rosenau, *International Relations and Foreign Policy*; K. Waltz, *Man, The State, and War*; R. Sterling, *Ethics in a World of Power*; T. D. Weldon, *The Vocabulary of Politics*; P. Winch, *The Idea of a Social Science*.

599 Psychological Aspects of International Relations

Professor Northedge. Eight lectures, Summer Term.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus An examination of the more important psychological factors affecting the mutual relations of modern States. Consideration will be given to: non-rational elements in political belief and behaviour; the formation of political ideas and the interested control of public opinion; the emotional functions of nationalism and other collective symbols of international bearing; communal traditions, sentiment and prejudice; national attitudes and character and methods of their study; ideological forces in policy-making; propaganda and psychological warfare; psychological factors in inter-state conflict.

Recommended reading M. and C. W. Sherif, *An Outline of Social Psychology*; I. L. Horowitz, *Radicalism and the Revolt against Reason*; R. Crawshay-Williams, *The Comforts of Unreason*; E. Hoffer, *The 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. Kohn, *Prophets and Peoples*; D. Lerner, *Sykeswar*; 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*; A. K. Weinberg, *Manifest Destiny*; J. H. de Rivera, *The Psychological Dimension of Foreign Policy*.

600 Imperialism

Mr E. A. Roberts. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus Empires and imperialism as a factor in international politics, particularly in the nineteenth and twentieth centuries. The various concepts attached to the words "empire" and "imperialism". The various attempts, Marxist, neo-Marxist and others, to explain the causes of imperialism. Security problems and their interrelationship with empires. The ideological bases of imperialism. Patterns of imperial control and anti-imperial struggle. The dissolution of empires, and

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the concept of "neo-colonialism". The future of imperialism. Imperialism as a "single-factor" explanation of international politics.

Recommended reading Shlomo Avineri (Ed.), *Karl Marx on Colonialism and Modernization*; C. Cross, *The Fall of the British Empire*; S. C. Easton, *The Rise and Fall of Western Colonialism*; H. E. Egerton, *A Short History of British Colonial Policy*; D. K. Fieldhouse, *The Theory of Capitalist Imperialism*; H. Gollwitzer, *Europe in the Age of Imperialism*; E. J. Hobsbawm, *Industry and Empire*; J. A. Hobson, *Imperialism: A Study*; T. Kemp, *Theories of Imperialism*; V. G. Kiernan, *The Lords of Human Kind*; R. Koebner and H. D. Schmidt, *Imperialism: The Story and Significance of a Political Word*; V. I. Lenin, *Imperialism, The Highest Stages of Capitalism*; H. Magdoff, *The Age of Imperialism*; R. Owen and R. B. Sutcliffe, *Studies in the Theory of Imperialism*; R. E. Robinson and J. Gallagher, *Africa and the Victorians*; J. A. Schumpeter, *Imperialism and Social Classes*; B. Semmel, *Imperialism and Social Reform*; G. H. N. Seton-Watson, *The New Imperialism*; L. L. Snyder (Ed.), *The Imperialism Reader*; A. P. Thornton, *Doctrines of Imperialism*; E. M. Winslow, *The Pattern of Imperialism*.

601 The Politics of International Economic Relations

Mr Donelan and Mr Mayall. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.

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*; A. Harrison, *The Framework of*

Economic Activity; K. Polanyi, *The Great Transformation*; H. Arndt, *The Economic Lessons of the 1930s*; R. 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*; A. Hirschman, *National Power and the Structure of Foreign Trade*; 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*; W. Diebold, Jr, *The United States and the Industrial World*.

601(a) The Politics of International Economic Relations (Class)

Mr Donelan and Mr Mayall. Lent Term.

For B.Sc. (Econ.) Part II.

602 The Politics of International Business Corporations

Miss Strange. Five lectures, Michaelmas Term.

For 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 in 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 C. Kindleberger (Ed.), *The International Corporation*; E. Penrose, *The Large International Firm*

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in Developing Countries; J. Dunning (Ed.), *The Multinational Enterprise*; C. Tugendhat, *The Multinationals*; J. Nye and R. Keohane (Eds.), "Transnational Relations" in *International Organization, Summer, 1972*; W. Diebold, *The United States and the Industrial World*, Chapter 6.

603 Contemporary Strategic Problems

Mr Windsor. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc. and other graduate students interested.

Syllabus Developments in military technology since 1945 and their impact on strategic thinking. Elements of continuity and elements of change in thinking about the conduct of war. The development of military doctrine in the United States, the Soviet Union and Western Europe. The idea of deterrence. The idea of limited war. The military problems of alliances. Revolutionary and guerrilla warfare. The theory of disarmament and arms control negotiations, the historical experience of arms control systems and problems of the working of arms control systems.

Recommended reading A. Buchan, *War in Modern Society*; L. Beaton, *The Struggle for Peace*; B. Brodie, *Strategy in the Missile Age*; E. M. Earle (Ed.), *Makers of Modern Strategy*; M. Howard, "War as an Instrument of Policy" in H. Butterfield and M. Wight (Eds.), *Diplomatic Investigations*; R. Aron, *On War*; B. Liddell Hart, *Strategy: The Indirect Approach; Deterrence or Defence*; H. Kissinger, *Nuclear Weapons and Foreign Policy; The Necessity for Choice; Problems of National Strategy; NATO: The Troubled Partnership*; T. C. Schelling, *Arms and Influence; The Strategy of Conflict*; T. C. Schelling and M. H. Halperin, *Strategy and Arms Control*; M. H. Halperin, *Limited War in the Nuclear Age*; H. Bull, *The Control of the Arms Race*; L. Beaton, *Must the Bomb Spread?; The Western Alliance and the McNamara Doctrine*; A. Herzog, *The War-Peace Establishment*; K. von Clausewitz, *War,*

Politics and Power; P. Paret and J. W. Shy, *Guerillas in the 1960s*; A. Buchan (Ed.), *Problems of Modern Strategy*.

604 The Strategic Aspects of International Relations (Class)

Mr Windsor. Lent Term.

For B.Sc. (Econ.) Part II.

605 Strategic Theory and Military Policy since 1945

Professor Martin (King's College). Michaelmas and Lent Terms.

For M.Sc.

Syllabus The evolution of strategic doctrine and military policy since 1945 with special reference to the United States, the Soviet Union, Western Europe and China. Elements of continuity and change in strategic thought. Ideas of deterrence, strategic stability and limited war. The development of technology and its impact on thought and practice. Problems of alliances. Theories of revolutionary and guerrilla war. Counter-insurgency. The practice of coercive diplomacy. Insurgency and domestic violence. Problems of disarmament and arms control. Special problems of the smaller powers.

606 Disarmament and Arms Limitation

Mr E. A. Roberts and Mr Sims. Ten lectures, Lent Term.

For undergraduate and graduate students interested.

Syllabus Theories and cases of disarmament, and negotiations about it. (The term 'disarmament' is used to include not only complete disarmament, but also the various forms of arms limitation and control.) Changing conceptions of disarmament and arms limitation; the history and effect of negotiations in these matters; the impact of enforced unilateral disarmament, as in Germany after the first world war; the control of nuclear testing and nuclear proliferation; agreements on seabed arms control and on chemical and biological warfare;

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proposals for limitation of land forces; the problems of verification, inspection, and control of armaments. The political, 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 disarmament ideas.

Recommended reading R. J. Barnet and R. A. Falk (Eds.), *Security in Disarmament*; L. Beaton and J. Maddox, *The Spread of Nuclear Weapons*; B. G. Bechhoefer, *Postwar Negotiations for Arms Control*; D. G. Brennan (Ed.), *Arms Control, Disarmament, and National Security*; A. Buchan (Ed.), *A World of Nuclear Powers?*; H. Bull, *The Control of the Arms Race*; A. Carter (Ed.), *Unilateral Disarmament*; G. Fischer, *The Non-Proliferation of Nuclear Weapons*; J. Garnett (Ed.), *Theories of Peace and Security*; A. Gottlieb, *Disarmament and International Law*; J. Klein, *L'Entreprise du Désarmement depuis 1945*; E. Luard, *Conflict and Peace in the Modern International System*; E. Luard (Ed.), *First Steps to Disarmament*; P. J. Noel-Baker, *The Arms Race*; C. E. Osgood, *An Alternative to War or Surrender*; Stockholm International Peace Research Institute, *SIPRI Yearbook of World Armaments and Disarmament*; R. W. Terchek, *The Making of the Test-Ban Treaty*; United Nations, *The United Nations and Disarmament, 1945-1970*; Sir Michael Wright, *Disarm and Verify*; S. D. Bailey, *Prohibitions and Restraints in War*; D. V. Edwards, *Arms Control in International Politics*; W. Epstein, *Disarmament: Twenty Five Years of Effort*; U Thant, *Basic Problems of Disarmament: Reports of the Secretary-General*; E. Young, *A Farewell to Arms Control?*

607 Resistance in International Conflict

Mr E. A. Roberts. Six lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II ; M.Sc.

Syllabus The use of various methods of resistance, both violent and non-violent, in movements against colonialism and foreign military occupation. The main emphasis is on twentieth century cases, and on the various theories attaching to them. The interactions between resistance and domestic political and economic structures; also between resistance and international relations generally.

Recommended reading J. V. Bondurant, *Conquest of Violence*; C. von Clausewitz, *On War*; E. Guevara, *Guerilla Warfare*; T. R. Gurr, *Why Men Rebel*; Mao Tse-tung, *Selected Works*; Henri Michel, *The Shadow War*; F. M. Osanka (Ed.), *Modern Guerilla Warfare*; P. Paret and J. W. Shy, *Guerillas in the 1960s*; A. Roberts (Ed.), *Civilian Resistance as a National Defence*; M. Q. Sibley (Ed.), *The Quiet Battle*; G. K. Tanham, *Communist Revolutionary Warfare*.

608 The Sociology of International Law

Mr James. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus The purpose of this course is to examine the role of international law in international society. The topics which will be considered are: power and international law; peaceful change; the sources of international law; the international judicial process; the legal status of international law; the relevance of the concept of "the rule of law"; sanctions and international law; the United Nations and international law; ideology and international law; law and order in international society.

Recommended reading J. L. Brierly, *The Basis of Obligation in International Law and Other Papers*; *The Outlook for International Law*; P. E. Corbett, *Law in Diplomacy*; H. L. A. Hart, *The Concept of Law*; M. A. Kaplan and N. de B. Katzenbach, *The Political Foundations of International Law*; A. Nussbaum, *A Concise History of the Law of Nations* (2nd edn.); C. N. Ronning, *Law and Politics in Inter-American Diplomacy*; G. Schwarzenberger, *The Frontiers of International Law*; *The Inductive Approach*

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to International Law; *International Law and Order*; O. J. Lissitzyn, *International Law Today and Tomorrow*; J. Stone, *Aggression and World Order*; *Quest for Survival*; C. de Visscher, *Theory and Reality in Public International Law*; Q. Wright, *The Role of International Law in the Elimination of War*; W. Friedmann, *The Changing Structure of International Law*; L. Henkin, *How Nations Behave*; R. A. Falk and S. H. Mendlovitz (Eds.), *The Strategy of World Order*, Vol. II; W. D. Coplin, *The Functions of International Law*; K. W. Deutsch and S. Hoffman (Eds.), *The Relevance of International Law*; C. W. Jenks, *Law, Freedom and Welfare*; *Law in the World Community*; R. P. Anand, *Asian States and the Development of Universal International Law*; A. D. Bozeman, *The Future of Law in a Multicultural World*; R. A. Falk, *The Status of Law in International Society*; R. A. Falk and C. E. Black (Eds.), *The Future of the International Legal Order*, Vol. 1. R. Higgins, *Conflict of Interests*; L. Scheinman and D. Wilkinson, *International Law and Political Crisis*.

608(a) The Sociology of International Law (Class)

Mr James. Lent Term.

For B.Sc. (Econ.) Part II.

609 Current Issues in International Relations (Seminar)

Mr G. H. Stern and others. Lent and Summer Terms.

For interested students.

A weekly discussion on the current diplomatic scene and the issues it raises for the academic student of international relations.

SEMINARS FOR M.Sc. AND OTHER GRADUATE STUDENTS

610 Research Methods

Professor Goodwin. Michaelmas Term.

For all first-year M.Phil., and Ph.D. students in International Relations.

611 General Seminar

Fortnightly. Sessional.

For staff and research students by invitation.

612 International Politics

Mr Donelan and Mr G. H. Stern. Michaelmas Term.

For M.Sc. and other first-year graduate students.

613 Foreign Policy Analysis

Professor Goodwin. Lent Term.

For M.Sc.

614 The International Relations of the Western Powers

Mr Windsor. Lent Term.

For M.Sc. and other graduate students.

615 International Politics: The Communist Powers

Mr G. H. Stern. Lent and Summer Terms.

For M.Sc. and other graduate students.

616 Asia and the Pacific in International Relations

Dr Leifer, Professor B. Miller and Mr Yahuda. Lent and Summer Terms.

For M.Sc. and other graduate students.

International Relations

617 Foreign Relations of African States

Mr Mayall. Lent Term.

For M.Sc.; M.A. Area Studies—Africa, and other graduate students.

618 Africa and World Politics

Mr Mayall. Fortnightly, Summer Term.

For staff and research students by invitation.

619 International Politics of the Middle East

Dr Hirszowicz. Summer Term.

For M.Sc. and other graduate students.

620 International Institutions

Professor Goodwin. Michaelmas Term.

For M.Sc.

621 European Institutions

Professor Goodwin and Mr Taylor. Michaelmas, Lent and Summer Terms.

For M.Sc. and other graduate students.

622 East-West Relations in Europe

Professor Goodwin and Mr Windsor. Sessional.

For staff and research students by invitation.

623 Theories of International Politics

Mr Banks, Mr Donelan and Mr Taylor. Lent and Summer Terms.

For M.Sc. and other graduate students.

624 Imperialism

Mr E. A. Roberts. Lent Term.

For M.Sc. and other graduate students.

625 The Politics of International Economic Institutions

Miss Strange. Lent Term.

For M.Sc. and third-year undergraduate students.

626 The Politics of International Economic Relations

Mr Donelan and Mr Mayall. Lent Term.

For M.Sc. and other graduate students.

627 The Politics of International Business Corporations

Miss Strange. Lent Term.

For interested students.

628 The Politics of International Trade (Seminar)

Mr Mayall. Summer Term, five meetings.

For staff and graduate students.

629 The Politics of International Law

Mr James. Lent Term.

For M.Sc.

630 The Sociology of International Law

Mr James. Fortnightly, Lent and Summer Terms.

For research students.

631 Strategic Studies

Mr Windsor. Sessional.

For M.Sc. and other graduate students.

632 War as a Social Requirement

Mr Windsor and Mr Mayall.

Summer Term.

For staff and graduate students.

International Relations

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:

563 West European Studies (Seminar)

Other sections and courses:

Economics (International Economics Courses)

International History

436 **International Protection of Human Rights**

450 **International Law**

465 **Law of International Institutions**

466 **Law of European Institutions**

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Anthropology

(i) General

640 Introduction to Social Anthropology

Professor Pitt-Rivers. Twenty-five lectures, Sessional.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog., Soc., Soc. Psych., B.Sc. (Econ.) Parts I and II; Dip. Soc. Anth. 1st yr.; graduate students taking qualifying examinations.

Syllabus The scope of social anthropology and its links with other subjects; different ways of understanding social institutions; race and culture. Characteristics of tribal religious beliefs and ritual (witchcraft, cosmology, rituals). Environmental resources and their utilisation in tribal economies. Family, marriage and kinship organization; unilineal and non-unilineal descent. Politics and social control; centralised and decentralised tribal government; the settlement of disputes.

Essential reading L. P. Mair, *An Introduction to Social Anthropology*; B. Malinowski, *Argonauts of the Western Pacific*; A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage*; I. M. Lewis, *A Pastoral Democracy*; L. P. Mair, *Primitive Government*; N. A. Chagnon, *Yanomamö: the Fierce People*; M. Gluckman, *Politics, Law and Ritual in Tribal Society*; E. E. Evans-Pritchard, *Witchcraft, Oracles, and Magic among the Azande*; R. Fox, *Kinship and Marriage*.

640(a) Classes

In connection with Course 640.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog., Soc., Soc. Psych.; B.Sc. (Econ.) Parts I and II.

641 Man, Race and Culture

Mr McKnight and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog.

Syllabus An outline of human evolution in the context of the study of animal (especially primate) social behaviour. The nature, origin and development of culture. The significance of racial differences. Introduction to human ecology.

Recommended reading will be given during the course.

641(a) Classes

In connection with Course 641.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog.

642 Outlines of Ethnography

Dr Loizos and other members of the department. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog., Soc. Psych; Dip. Soc. Anth. 1st yr.

Syllabus The course will offer an introduction to cultural history and ethnography selected from several culture areas. A number of ethnographies will be considered in detail because of their intrinsic value and by way of example.

Recommended reading will be given during the course.

642(a) Classes

In connection with Course 642.

For B.Sc. c.u. main fields Soc. Anth. 1st yr.; Geog., Soc. Psych.

643 Family and Kinship

Dr Woodburn and Mr Forge. 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; Dip. Soc. Anth. 1st yr.; graduate students taking qualifying examinations.

Syllabus The analysis of institutions of kinship, marriage and the family.

Essential reading R. Fox, *Kinship and Marriage*; M. Fortes, *Kinship and the Social Order*; M. Fortes (Ed.),

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Marriage in Tribal Societies (Cambridge Papers in Social Anthropology, No. 3); J. Goody (Ed.), *The Developmental Cycle in Domestic Groups* (Cambridge Papers in Social Anthropology, No. 1); E. R. Leach, *Rethinking Anthropology*; C. Lévi-Strauss, *The Elementary Structures of Kinship*; *Structural Anthropology*; A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage*; R. Needham, *Structure and Sentiment*; R. Needham (Ed.), *Rethinking Kinship and Marriage*; J. Barnes, *Three Styles in the Study of Kinship*. Further reading will be given during the course.

643(a) Classes

In connection with Course 643.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr., Soc. Psych. 2nd yr.

644(i) Economic Institutions

Dr Bloch. Ten lectures, Michaelmas Term.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr.; B.Sc. (Econ.) Part II; Dip. Soc. Anth. 2nd yr.; graduate students taking qualifying examinations.

Syllabus The aim of these lectures is to examine the cultural framework of different economic systems and the working of these systems. The reaction of these systems to technological change will also be examined. Topics discussed will include: the economic organization of peasant and primitive production units; economic structure and kinship structure; land tenure; trade, gifts, exchange and markets; the transition from subsistence to cash economies; systems of capital accumulation.

Essential reading R. Firth, *Primitive Polynesian Economy*; *Malay Fishermen: their Peasant Economy*; R. Firth (Ed.), *Themes in Economic Anthropology*; E. E. Le Clair and H. K. Schneider (Eds.), *Economic Anthropology*; T. S. Epstein, *Capitalism, Primitive and Modern*; P. Worsley (Ed.), *Two Blades of Grass*; J. M. Potter, M. N. Diaz and G. M. Foster, *Peasant Society*; P. Hill, *The Migrant*

Cocoa-Farmer in S. Ghana; R. F. Salisbury, *From Stone to Steel*; *Vunumami*.

644(ii) Political Anthropology

Dr Loizos. Ten lectures, Lent Term.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr.; B.Sc. (Econ.) Part II; Dip. Soc. Anth. 2nd yr.; graduate students taking qualifying examinations.

Syllabus Political organization and political community; order and social control in non-centralised societies; power and sanctions; stratification and centralised power; patronage, networks, factions; plural society; political field and process.

Essential reading L. P. Mair, *Primitive Government*; D. Easton, "Political Anthropology" in B. J. Siegel (Ed.), *Biennial Review of Anthropology*, 1959; F. Barth, *Political Leadership among Swat Pathans*; R. Cohen and J. Middleton, *Comparative Political Systems*; W. J. M. Mackenzie, *Politics and Social Science*; F. Bailey, *Stratagems and Spoils*; G. Balandier, *Political Anthropology*; E. R. Leach, *Political Systems of Highland Burma*; P. H. Gulliver, *Tradition and Transition in East Africa*; A. Cohen, *Custom and Politics in Urban Africa*.

644(a) Classes

In connection with Courses 644(i) and 644(ii).

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr.

645 Magic, Religion and Morals

Professor Lewis and Mr McKnight. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Anth. 3rd yr., Soc. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Soc. Anth. 2nd yr.; graduate students taking qualifying examinations.

Syllabus Development of the anthropological study of religion, magic and morals. Ritual and symbolism. Sacrifice; magic; witchcraft; cargo and similar cults;

Anthropology

spirit mediumship; totemism; divination; ancestor worship. Religion and the structure of society. Religion and morals.

Essential reading H. F. Hertz, *Death and the Right Hand*; E. E. Evans-Pritchard, *Nuer Religion*; G. Lienhardt, *Divinity and Experience*; K. Burridge, *New Heaven, New Earth*; J. Middleton (Ed.), *Gods and Rituals: Readings in Religious Beliefs and Practices*; I. M. Lewis, *Ecstatic Religion*; M. Douglas, *Purity and Danger*; C. Lévi-Strauss, *Totemism*; E. Durkheim, *The Elementary Forms of the Religious Life*; V. Turner, *The Forest of Symbols*.

Further reading will be suggested during the course.

645(a) Classes

In connection with Course 645.

For B.Sc. c.u. main field Soc. Anth. 3rd yr., Soc. 3rd yr.

646 Advanced Ethnography: Latin America

Professor Pitt-Rivers and Dr Cutileiro. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Soc. Anth. Optional for 1st and 2nd yrs.

Syllabus Through the discussion of recent ethnographies key topics in Latin America will be analysed, including dual organizations, the condition of the Indians, land tenure, rural unrest, urban immigration, compadrazgo, caudillismo, race relations.

Recommended reading will be given during the course.

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, India, South-East Asia, Melanesia.

646(a) Classes

In connection with Course 646.

For B.Sc. c.u. main field Soc. Anth. 3rd

yr.; B.Sc. (Econ.) Part II; Dip. Soc. Anth. Optional for 1st and 2nd yrs.

647(i) Anthropological Linguistics: Introduction to General Linguistics

Twenty-five lectures. Sessional.

For B.Sc. c.u. main field Soc. Anth. 3rd yr. Optional for Dip. Soc. Anth. 2nd yr. This course will be taught in the Department of Language Studies. (See Course 362).

647(ii) Anthropological Linguistics: Linguistics and Anthropological Problems

Dr Bloch and Dr Woodburn. Ten lectures, Lent Term.

For B.Sc. c.u. main field Soc. Anth. 3rd yr. Optional for Dip. Soc. Anth. 2nd yr.

Syllabus A general survey of the ways in which linguistics may contribute to the solution of anthropological problems.

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*; *The Ethnography of Communication* (American Anthropologist Special Publication, 1964); E. A. Hammel (Ed.), *Formal Semantic Analysis* (American Anthropologist Special Publication, 1965); D. Hymes (Ed.), *Language in Culture and Society*; A. K. Romney and R. G. D'Andrade (Eds.), *Transcultural Studies in Cognition* (American Anthropologist Special Publication, 1964); S. A. Tyler (Ed.), *Cognitive Anthropology*.

Further reading will be given during the course.

647(a) Classes

In connection with Courses 647(i) and 647(ii).

For B.Sc. c.u. main field Soc. Anth. 3rd yr. Optional for Dip. Soc. Anth. 2nd yr.

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648 Primitive Art

Mr Forge. Twenty lectures, Michaelmas and Lent Terms. This course may not be given in 1973-74.

For B.Sc. c.u. main fields Soc. Anth. 3rd yr., Soc. 3rd yr. Optional for Dip. Soc. Anth. 2nd yr.

Syllabus The functions of art in society, and more particularly its relationship to ritual. The position of the artist and his role in non-literate societies. Criticism, judgment and aesthetics will be considered in their social and cultural contexts. Various approaches will be discussed, but particular attention will be paid to the analysis of art as a symbolic system and its relations with cosmology and other verbal and non-verbal symbolic systems of the society. Concentration will be on the plastic arts and architecture from various parts of the world; there will be no attempt at an exhaustive coverage.

Essential reading E. H. Gombrich, *Art and Illusion*; R. Arnheim, *Art and Visual Perception*; E. Panofsky, *Meaning in the Visual Arts*; C. Lévi-Strauss, *The Savage Mind*; V. Turner, *The Forest of Symbols*; A. A. Gerbrands, *Wow-ipits*; R. Berndt (Ed.), *Australian Aboriginal Art*; C. F. Jopling (Ed.), *Art and Aesthetics in Primitive Societies*; A. and M. Strathern, *Self Decoration in Mount Hagen*; J. C. Faris, *Nuba Personal Art*; F. Willett, *African Art*; B. de Zoete and W. Spies, *Dance and Drama in Bali*.

648(a) Classes

In connection with Course 648.

For B.Sc. c.u. main fields Soc. Anth. 3rd yr., Soc. 3rd yr. Optional for Dip. Soc. Anth. 2nd yr.

649(i) Advanced Theory of Social Anthropology: History of Social Anthropology

Dr La Fontaine. Ten lectures, Michaelmas Term.

For B.Sc. c.u. main field Soc. Anth.

3rd yr.; B.Sc. (Econ.) Part II; Dip. Soc. Anth. 2nd yr.; graduate students taking qualifying examinations.

Syllabus The nineteenth-century background to the development of "social anthropology". The early posing and rephrasing of problems in kinship, religion, politics, morals, law and economics. The development of methods. The state of the subject on the eve of the Second World War.

Essential reading R. H. Lowie, *History of Ethnological Theory*; A. R. Radcliffe-Brown, *Method in Social Anthropology* (Ed. M. N. Srinivas); E. E. Evans-Pritchard, *Social Anthropology*; Sol Tax, "From Lafitau to Radcliffe-Brown: A Short History of the Study of Social Organization" in F. Eggan (Ed.), *Social Anthropology of North American Tribes* (enlarged edn.); D. G. MacRae, "Darwinism and the Social Sciences" in S. A. Barnett (Ed.), *A Century of Darwin*; F. C. Bartlett et al. (Eds.), *The Study of Society*, Part III; J. W. Burrow, *Evolution and Society*; T. Parsons, *The Structure of Social Action*; R. Aron, *Main Currents in Sociological Thought*.

649(ii) Advanced Theory of Social Anthropology: Selected Topics in Anthropological Theory

Dr Bloch. Ten lectures, Lent Term.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Soc. Anth. 2nd yr.; graduate students taking qualifying examinations.

Syllabus Types of explanation used in social anthropology.

Essential reading S. A. Tyler (Ed.), *Cognitive Anthropology*; F. Barth, *Models of Social Organization*; C. Lévi-Strauss, *The Savage Mind*; *The Scope of Social Anthropology*; R. Firth, *Essays on Social Organization and Values*; R. A. Manners and D. Kaplan, *Theory in Anthropology*; B. Wilson (Ed.), *Rationality*; R. Needham, *Structure and Sentiment*; J. Piaget, *Structuralism*.

Anthropology

649(a) Classes

In connection with Courses 649(i) and 649(ii).

For B.Sc. c.u. main field Soc. Anth. 3rd yr.

650 Social Anthropology (Classes)
Sessional.

For B.Sc. (Econ.) Part II.

(ii) *Applied*

651 Social Aspects of Political and Economic Development (Class)

Twenty classes, Michaelmas and Lent Terms.

This course may not be given in 1973-74.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Soc. Admin., Overseas Option only (one year). Optional for Dip. Soc. Anth. 2nd yr.

Syllabus A review of anthropological contributions to the study of social change, primarily in ex-colonial and developing countries. The effects of political, economic and technological intrusions, colonial and post-colonial, into tribal and peasant societies, especially upon indigenous political, economic, religious and kinship systems.

Essential reading L. P. Mair, *Anthropology and Social Change*; *New Nations*; P. Worsley, *The Third World*; P. C. Lloyd, *Africa in Social Change*; A. Southall (Ed.), *Social Change in Modern Africa*; G. Dalton (Ed.), *Economic Development and Social Change*; E. H. Spicer (Ed.), *Human Problems in Technological Change*; G. Cochrane, *Development Anthropology*; I. Wallerstein (Ed.), *Social Change: the Colonial Situation*.

Other reading will be suggested in the course of the classes.

Note Students should also attend Course 848 Social Change and Development in Contemporary Africa.

(iii) *Special*

652 A Programme of Ethnographic Films

Dr Woodburn. Sessional.

For all students, undergraduate and graduate, taking Anthropology as any part of their course.

653 Kinship among the Australian Aborigines

Mr McKnight. Ten lectures, Lent Term.

FOR GRADUATE STUDENTS

655 Seminar on Anthropological Theory

Professor Lewis. Michaelmas Term. Professor Pitt-Rivers, Lent Term. Dr La Fontaine, Summer Term.

For senior graduate students. Admission by permission. This seminar is not open to first-year graduate students.

656 Seminar on Current Anthropological Themes

Dr La Fontaine and Dr Cutileiro. Michaelmas and Lent Terms.

Primarily for M. Phil.; graduate students taking qualifying examinations and second year Diploma students. Admission by permission.

657 Thesis-Writing Seminar

Dr Morris and Dr Woodburn. Sessional.

For all graduate students currently engaged in preparing theses.

Anthropology

658 Teaching Seminar

Professor Lewis and Dr Cutileiro.
Michaelmas and Lent Terms.

For first-year Diploma students and
M. Phil. graduate students taking
qualifying examinations.

Intercollegiate Seminars for Staff and Senior Graduate Students:

Fieldwork Training

Chairmen: Professor Cohen and
Dr Tapper. Michaelmas Term.
At S.O.A.S.

Symbols and Sentiments

Chairman: Professor Lewis.
Michaelmas Term. At L.S.E.

Admission by permission of
Seminar Chairmen.

Demography

680 Introduction to Demography

Mr Carrier. Twenty lectures and
twenty classes, Michaelmas and
Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u.
main field Maths. 2nd yr.; Dip. Stats.

Syllabus Sources and reliability of
population statistics. Development of
censuses and vital statistics. The inter-
pretation of population statistics. The
analysis of mortality, nuptiality and
fertility.

Recommended reading GENERAL: A. M.
Carr-Saunders, *World Population*;
F. Lorimer and F. Osborn, *Dynamics of
Population*; Royal Commission on
Population, *Report* (Cmd. 7695); J. J.
Spengler and O. D. Duncan (Eds.),
*Population Theory and Policy: Selected
Readings*; P.E.P., *World Population and
Resources*.

METHODS: D. V. Glass, *Population Policies
and Movements in Europe* (Appendix);
I. Dublin, A. J. Lotka and M.
Spiegelman, *Length of Life*; M. Spiegel-
man, *Introduction to Demography*;
U.K. Royal Commission on Population,
Selected Papers of the Statistics Committee;
J. J. Spengler and O. D. Duncan (Eds.),
Demographic Analysis: Selected Readings;
G. W. Barclay, *Techniques of Population
Analysis*.

SOURCES: The General Reports of the
various Censuses of England and Wales;
The Registrar-General, *Statistical Review
of England and Wales*; United Nations,
Demographic Yearbook; United Kingdom,
Interdepartmental Committee on Social
and Economic Research, Guides to
Official Sources, No. 2, *Census Reports of
Great Britain, 1801-1931*; S.S.R.C., *The
Population Census*.

References to articles and works of
specialised interest will be given in the
lectures.

681 Mathematics of Population Growth

Mr Carrier. Ten lectures,
Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main

field Maths. 3rd yr.; Dip. Stats. Optional
for M.Sc. Recommended for other
graduate students.

Students will be expected to have attended
Course 680 Introduction to Demog-
raphy, and to possess some knowledge
of the calculus and of linear algebra.

Syllabus A study of certain aspects of
stationary and stable populations with
practical applications. Application of
matrix algebra.

Recommended reading E. C. Rhodes,
"Population Mathematics" (*Journal of the
Royal Statistical Society*, 1940); United
Nations Bureau of Social Affairs,
Population Studies, No. 22, *Age and Sex
Patterns of Mortality*; No. 25, *Methods of
Population Projections by Sex and Age*;
No. 26, *The Aging of Populations and its
Economic and Social Implications*;
N. Keyfitz, *Introduction to the
Mathematics of Population*.

Detailed references will be given as the
course proceeds.

682 Elements of Demographic Analysis I

Mr Langford and Dr Thapar.
Twenty hours, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main
fields Geog., Soc., Soc. Psych.

Syllabus Sources and reliability of
population statistics. The life table and
its applications. Simple techniques of
population projection. Cohort analysis.
The study of mortality, nuptiality and
fertility. The effect of vital rates on age
structure and population growth.

Recommended reading GENERAL: A. M.
Carr-Saunders, *World Population*; Royal
Commission on Population, *Report*
(Cmd. 7695); P.E.P., *World Population
and Resources*.

METHODS AND SOURCES: G. W. Barclay,
Techniques of Population Analysis; P. R.
Cox, *Demography*; B. Benjamin, *Health
and Vital Statistics*; Interdepartmental
Committee on Social and Economic
Research, Guides to Official Sources,
No. 2, *Census Reports of Great Britain
1801-1931*; Census 1951, England and
Wales, *General Report*; Census 1961,
Great Britain, *General Report*; General

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Register Office, *Matters of Life and Death*; *Statistical Review of England and Wales* (especially the *Commentary* volumes of recent years); United Nations, *Demographic Yearbook* (especially the introductory text of successive volumes). Further references will be given in the lectures.

683 Elements of Demographic Analysis II

Mr Langford and Dr Thapar.
Ten hours, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Geog., Soc., Soc. Psych.

684 Population Trends and Policies

Professor Glass. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Geog., Maths., Soc., Soc. Psych.; M.Sc.; Dip. Stats.
Recommended for other graduate students.

Syllabus The growth and distribution of world population since 1800. Historical trends and territorial differentials in mortality. The course and levels of fertility. International migration. The contemporary demographic situation. The development of the small family. Family size and socio-economic characteristics. Stages of demographic and industrial development. The demographic problems of underdeveloped territories. Population theory and policy.

A reading list will be given at the first lecture in the course.

684(a) Population Trends and Policies Class

Professor Glass. Michaelmas Term.

For B.Sc. (Econ.) Part II: *Elements of Demographic Analysis*; B.Sc. c.u. main fields Geog., Soc., Soc. Psych. Optional for B.Sc. (Econ.) Part II: *Statistical Demography*; B.Sc. c.u. main field Maths. 2nd and 3rd yrs.; Dip. Stats.

685 Mathematical Techniques for the Manipulation and Analysis of Demographic Data

Mr Carrier. Ten lectures of two hours each, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. 3rd yr.; Dip. Stats. Optional for M.Sc. Other students will be admitted only by permission.

Syllabus Manipulation of data classified by age and similar variables. The measurement of infant mortality and fertility. Mathematical models.

Recommended reading will be given during the course.

686 Demography Revision Class

Mr Carrier. Five classes, Summer Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths.; Dip. Stats.

FOR GRADUATE STUDENTS

687 Formal Demography

Mr Hobcraft and Dr Thapar.
Twenty hours, Michaelmas Term.

For M.Sc.

Syllabus The construction and use of life tables and other indices of mortality. The concepts of stationary and stable populations. The measurement of fertility and replacement.

688 The Collection and Analysis of Demographic Data on Underdeveloped Countries

Professor Brass and Mr Britton.
Sixty hours, Sessional.

For M.Sc.

Syllabus The design of census-type inquiries. The content and design of census questionnaires. The structure of a census organization. Recruitment and training of field staff. Enumeration problems. The design of special inquiries for the determination of birth and death

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rates and of population growth. Processing techniques and problems. Analysis of age-sex distributions. Estimation of fertility and mortality rates from census and survey data. Use of model life tables and stable population models.

Recommended reading U.N., *Handbook of Population Census Methods* (3 vols.); R. Blanc, *Manual of Demographic Research in Underdeveloped Countries*; Norma McArthur, *Introducing Population Statistics*; 1960 Census of Ghana, Volume V, *General Report*; 1965-66 School of Public Health, Turkey, *Vital Statistics from the Turkish Demographic Survey*; W. Seltzer, "Some Results from Asian Population Growth Studies" (*Population Studies*, Vol. XXIII); W. Brass *et al.*, *The Demography of Tropical Africa*; U.N., *Methods of Estimating Basic Demographic Measures from Incomplete Data* (*Population Studies*, No. 42, 1967); W. Brass, "Disciplining Demographic Data" (*I.U.S.S.P. Conference Proceedings*, 1969); U.N., *Principles and Recommendations for the 1970 Censuses* (*Statistical Papers*, Series M, No. 44, 1967).

689 The Detection and Reduction of Errors in Demographic Data

Mr Hobcraft. Twenty hours, Lent Term.

For M.Sc.

Syllabus Simple plausibility tests. Self-consistency and independent tests. The oblique axis ogive. The treatment of digital preference. Use of survivorship ratios. Under-enumeration at young ages and overstatement of age at old ages. Sex ratio tests. Testing birth and death registration. Application of stable and quasi-stable population models.

Recommended reading N. H. Carrier and J. N. Hobcraft, *Demographic Estimation for Developing Societies*.

690 Population Trends and Policies (Seminar)

Professor Glass and others.
Fortnightly, Sessional.

For M.Sc.

Syllabus Trends and patterns of mortality, marriage and fertility in both western and non-western societies.

691 Design and Analysis of Investigations relating to Fertility and Birth Control (Seminar)

Professor Glass, Mr Langford, Dr Thapar and others. Fortnightly, Sessional.

For M.Sc.

Syllabus Purpose and design of fertility surveys. The use of surveys in connection with the formulation and implementation of birth control programmes. Problems of questionnaire design in fertility and other demographic surveys.

692 Techniques of Demographic Analysis

Dr Thapar. Fifteen hours, Michaelmas and Lent Terms.

For M.Sc.

Syllabus Examination, analysis and interpretation of data collected through censuses, vital registration and demographic surveys.

Recommended reading will be given during the course.

693 Social and Demographic Problems in Medicine

Dr Douglas and Mr Wadsworth.
Twenty lectures, Michaelmas and Lent Terms.

Five classes, Summer Term.

For M.Sc. and other graduate students.

Syllabus Early studies of environment and health. The pattern of illness and growth related to demographic and social changes. High-risk groups in the population, problems of identification. Comparisons of the health of populations. Use of sociological methods in the study of disease. Introduction to sociological studies in medicine.

Demography

Recommended reading A. Bradford Hill, *Statistical Methods in Clinical and Preventive Medicine*; G. W. Brown and J. Wing, *Comparative Clinical and Social Survey of a Mental Hospital* (Soc. Rev. Monog. No. 5, Keele); F. M. Burnet, *Natural History of Infectious Disease*; N. R. Butler and D. G. Bonham, *Perinatal Mortality*; J. W. B. Douglas and J. M. Blomfield, *Children Under Five*; H. Eckstein, *English Health Service*; S. E. Finer, *Life and Times of Sir Edwin Chadwick*; T. McKeown, *Medicine in Modern Society*; J. N. Morris, *Uses of Epidemiology*; M. Rutter, *Children of Sick Parents*; M. Rutter, J. Tizard and K. Whitmore,

Education, Health and Behaviour; M. W. Susser and W. Watson, *Sociology in Medicine*; J. M. Tanner, *Growth at Adolescence*; World Health Organization, *Trends in the Study of Morbidity and Mortality*; J. Bryant, *Health in the Developing Countries*; R. H. Stryock, *The Development of Modern Medicine*; J. Kosa, A. Antonavsky and I. Zola (Eds.), *Poverty and Health*; J. E. Meade and A. S. Parkes (Eds.), *Biological Aspects of Social Problems*; M. E. J. Wadsworth, W. J. H. Butterfield and R. Blaney, *Health and Sickness: the Choice of Treatment*.

Psychology

695 Introduction to General and Social Psychology

Dr Geber and Dr Gaskell. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I and Part II; B.Sc. c.u. main fields Maths. 1st yr., Stats. 1st yr., Comp. 1st yr., Soc. Psych. 1st yr., Geog., Soc., Soc. Anth.; B.Sc. S. S. and A. 2nd yr.; Dip. Soc. Admin. 1st yr. and one-yr. (incl. Overseas Option).

Syllabus Learned and unlearned patterns of behaviour in man and animals. Ways of perceiving and comprehending the environment. Modes and development of thinking, concept formation and categorisation. Development of individual differences in ability and personality. The process of socialisation: social learning, imitation and modelling; societal and familial influences. Attitudes and social behaviour: their development and organization; decision making and attitude change. Social interaction: behaviour in small and large groups. Throughout the lecture course stress will be laid on the methodology of psychological enquiry. Experience in acting as a subject for a psychological experiment can be obtained.

695(a) Introduction to General and Social Psychology (Classes)

Sessional.

For B.Sc. c.u. main field Soc. Psych. 1st yr.

695(b) Introduction to General and Social Psychology (Classes)

Sessional.

For B.Sc. (Econ.) Part I and Part II, B.Sc. c.u. main fields Geog., Maths., Stats., Comp. Soc., Soc. Anth.

696 Psychoanalytic Theories and their Application

Five lectures, Michaelmas Term.

For B.Sc. c.u. main field Soc. Psych. 1st yr;

B.Sc. S.S. and A. 2nd year; Dip. Soc. Admin. 1st yr and one-yr (incl. Overseas Option).

Syllabus Introduction to Freudian and post-Freudian theories; implications of these theories for the study of individual and social behaviour.

697 Foundations of Experimental Psychology

Dr Seaborne. Twenty-five lectures, Sessional.

For B.Sc. c.u. main field Soc. Psych. 1st yr.

Syllabus Processes of information intake, psychophysical judgment, signal detection, perceptual organization, selective attention. Conditions for the acquisition of learned behaviour: classical and instrumental conditioning, generalisation, discrimination and transfer of training. The role of incentives and motivation in learning, problems of reinforcement, reward schedules, brain mechanisms in reinforcement. Extinction and forgetting, interference theories, autonomous changes in memory, short-term memory. Development of learning capacity, learning sets, critical learning periods. Social learning, observational learning, social reinforcers.

Recommended reading will be given during the course.

Students taking this course should also attend Course 918.

698 Fundamental Approaches to the Study of Behaviour

For B.Sc. c.u. main field Soc. Psych. 1st yr.

(i) Biological Bases of Behaviour

Professor Wolpert (Middlesex Hospital Medical School). Twenty-five lectures and practicals.

Sessional.

Syllabus Basic cell structure and function of the nervous system including sense organs. The effects of drugs on the nervous system. Genetics: Mendelism, linkage, population and quantitative aspects.

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(ii) Laboratory Course

Dr Stockdale. Twenty-five lectures and practicals.

699 Basic Processes of Behaviour

Dr Stockdale and other members of the department. Ten seminars, Lent Term.

For B.Sc. c.u. main field Soc. Psych. 1st yr.

Syllabus This is a seminar course examining the relationships between physiological and psychological mechanisms. Specific topics to be discussed will include physiological aspects of motivation, neurological disorders of cognitive processes, psychopharmacology, animal behaviour, genetic aspects of intellectual abnormality, physiological determinants of perception.

700 Social Psychology

Mr A. D. Jones. Twenty-five lectures, Sessional.

Whole Course: for B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Soc. Anth. 2nd yr., Geog., Soc.; B.Sc. S.S. and A. 2nd yr. First half only: B.Sc. c.u. main field Soc. Psych. 2nd yr.

Syllabus The nature of attitudes. Cognitive, emotional and behavioural aspects of attitudes. The functional basis of attitude formation. Social processes of attitude elicitation. Stereotypes and prejudiced attitudes. The principle of consistency of attitudes. Social influence processes. Co-operation and competition. Dyadic interaction and exchange theory. Norms and conformity. Leadership and social power. Group decision making and the physical properties of groups. Intergroup conflict. Personality and social behaviour. The processes of socialisation, personality traits and their relationship to racial conflict, economics organisation and development. The relationship between cultural and social class characteristics and intelligence, perception and attitudes etc. Rules and behaviour in institutions. Selected topics from industrial psychology, mass media studies,

exchange theory, interpersonal communication and group dynamics.

Recommended reading will be given during the course.

700(a) Social Psychology: Cognition and Attitudes (Classes) Sessional.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.

700(b) Social Psychology (Classes) Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

700(c) Social Psychology: Psychological Aspects of the Study of Society (Classes) Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Geog., Soc. Anth., Soc.

701 Assumptions and Methods of Social Psychological Research

For B.Sc. c.u. main field Soc. Psych. 2nd yr.

(i) Assumptions and Methods of Social Psychological Research

Dr Gaskell and Dr A. P. E. L. Sealy. Ten lectures, Michaelmas Term.

(ii) Current Research in Social Psychology

Five lectures, Michaelmas Term. Members of staff will discuss their research, with special reference to the methodological issues involved.

(iii) Laboratory Sessions

Dr Gaskell, Dr Oppenheim and others. Twenty-four sessions.

Syllabus Theory and practice of interviewing; introduction to further aspects of survey methodology, especially attitude scaling and questionnaire design. Experimental methods in social psycho-

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logy, especially in relation to attitude change, interpersonal influence and group decision making. Statistical methods relevant to social psychological research, particularly analysis of variance and correlation.

702 Psychological Statistics

Dr Stockdale. Twenty-five lectures, Sessional.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.

702(a) Classes Sessional.

703 Learning, Memory and Thinking

Dr Seaborne and Dr Stockdale. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.

Syllabus The course will deal with recent studies of learning especially those concerned with complex behavioural processes such as social learning, changes in cognitive functioning with age, language development applications to clinical psychology and perceptual learning.

704 Perception and Skill

Mr Hotopf. Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.

Syllabus Perceptual organization. Constancies. Visual illusions. Frame of reference and set as organizing factors. Phoneme perception. Temporal relationships in perception.

Theories of perception: Gestalt, Hebb and information theory approaches. The characteristics of skilled behaviour. Control and adaptive system models of skill. Theories of attention. Anticipation, short-term storage and information-processing in skill. Reception and production of language. Motor theories of perception. Theories of pattern recognition.

Recommended reading INTRODUCTORY:

R. L. Gregory, *Eye and Brain*; J. E. Hochberg, *Perception*; G. A. Miller, E. Galanter and K. H. Pribram, *Plans and the Structure of Behaviour*; M. D. Vernon, *The Psychology of Perception*; A. Summerfield (Ed.), *Experimental Psychology (Brit. Med. Bull., 1964, XX)*; TEXTBOOKS: R. H. Day, *Human Perception*; P. M. Fitts and M. I. Posner, *Human Performance*; J. J. Gibson, *Perception of the Visual World*; D. Legge (Ed.), *Skills*; D. O. Hebb, *The Organization of Behaviour*; U. Neisser, *Cognitive Psychology*; D. A. Norman, *Memory and Attention*.

FURTHER READING: D. E. Broadbent, *Perception and Communication*; W. N. Dember, *The Psychology of Perception*; N. F. Dixon, *Subliminal Perception*; C. W. Eriksen (Ed.), *Behaviour and Awareness*; C. Cherry (Ed.), *Information Theory*; R. N. Haber (Ed.), *Contemporary Theory and Research in Visual Perception*; I. P. Howard and W. B. Templeton, *Human Spatial Orientation*; F. P. Kilpatrick (Ed.), *Human Behaviour from the Transactional Point of View*; K. Koffka, *Principles of Gestalt Psychology*; L. Uhr (Ed.), *Pattern Recognition*; M. D. Vernon (Ed.), *Experiments in Visual Perception*; A. T. Welford, *Fundamentals of Skill*; H. A. Witkin *et al.*, *Personality through Perception*.

703(a) and 704(a) Classes for one Term

705 Personality and Motivation I

Dr A. P. E. L. Sealy. Eighteen lectures, Michaelmas Term.

For B.Sc. c.u. main fields Soc. Psych. 2nd yr., Anth. 2nd yr.

Syllabus Clinical *versus* statistical prediction in the study of personality; individual differences in personality as revealed by description, self-report, behaviour, physiological reactions and symptom clusters. Concepts of trait, type and dimension. Structure of personality; defence and coping mechanisms; human motivations and emotion. Introduction to the theory and practice of personality

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measurement by questionnaire, projective techniques and repertory grid methods.

Recommended reading I. Janis, R. Holt, I. Kagan and G. F. Mahl, *Personality*; S. Maddi, *Personality Theories: a Comparative Analysis*; C. Hall and G. Lindzey, *Theories of Personality: Readings*; G. W. Allport, *Pattern and Growth in Human Personality*; R. Munroe, *Schools of Psychoanalytic Thought*; S. Freud, *New Introductory Lectures*; A. Freud, *The Ego and the Mechanisms of Defence*; P. Fraisse and J. Piaget, *Motivation, Emotion and Personality*; R. S. Lazarus and E. Opton (Eds.), *Personality*; C. N. Cofer and M. H. Appley, *Theories of Motivation*; P. E. Vernon, *Personality Assessment: a Critical Review*; W. Mischel, *Personality Measurement*; D. E. Fiske, *Measuring the Concepts of Personality*; I. Murstein, *Handbook of Projective Techniques*.

706 Child Development I

Dr Geber. Eighteen lectures, Lent Term.

For B.Sc. c.u. main fields Soc. Psych. 2nd yr., Anth. 2nd yr.

Syllabus Processes of growth and maturation; neonatal behaviour. Social attachments; social and emotional development. Cognitive growth and the development of intelligence. Societal influences on development with particular reference to crosscultural and intracultural variations in child rearing practices. The development of moral behaviour.

Recommended reading P. Mussen, J. Kagan and J. Conger, *Child Development and Personality*; H. W. Maier, *Three Theories of Child Development*; J. H. Flavell, *The Developmental Psychology of Jean Piaget*; J. Bruner, R. R. Olver and P. M. Greenfield, *Studies in Cognitive Growth*; J. McV. Hunt, *Intelligence and Experience*; J. Bowlby, *Attachments and Loss*, Vol. 1.
Other reading will be given during the course.

705(a) and 706(a) Classes for one Term

707 Abnormal Psychology

Various lecturers. Ten lectures, Lent Term.

For B.Sc. main field Soc. Psych. 2nd yr.; Dip. Soc. Admin. 2nd yr. and one-yr. Optional for M.Sc.; B.Sc. S.S. and A. 2nd yr.

Syllabus A set of lectures by invited specialists on several aspects of abnormal psychology, including abnormalities in childhood.

708 Advanced Social Psychology (Seminar)

Members of the department.

Forty seminars, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 3rd yr. Optional for M.Sc.

Syllabus The emphasis of this course will be on present theoretical and methodological concerns in social psychology. A selection will be made from the following: social and cultural factors in social perception of people and events; cognitive complexity and its bearing on attitude organization and belief systems; attitude and behaviour change; the conflict between stability and change. Cross-cultural research. The process of adaptation to norms and values. An analysis of the theoretical and empirical approaches to the study of interaction in groups. Interaction of the individual and the social system.

709 Child Development II (Seminar)

Dr Geber. Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 3rd yr.

Syllabus The acquisition of language and its relationship to cognitive development; play; social development in young children; the socialisation of the child and the adolescent; the psychology of adolescence. Comparison of theories of child development.
Students taking this course are expected to attend Course 707.

Psychology

710 Information Processing (Seminar)

Dr Seaborne and Dr Stockdale. Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 3rd yr. Optional for M.Sc.

Syllabus This course is concerned with the acquisition, retention and utilisation of information in a variety of situations. In particular it will deal with models for the development and operation of form perception, the acquisition of perceptual-motor skills, short-term memory, decision making and the effects of stress on performance.

711 Personality and Motivation II (Seminar)

Dr A. P. E. L. Sealy. Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 3rd yr.

Syllabus An analysis of the relationships between personality and psychopathology, especially schizophrenia and deviance. Self theory. Psychoanalytic and other theories of affect. Multivariate approaches to personality assessment. Self-concept and alienation. Students taking this course are expected to attend Course 705.

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 Multivariate Experimental Research*.

712 Psycholinguistics (Psychology Seminar)

Mr Hotopf. Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 3rd yr.

713 The Role of the Mass Media

Professor Cook. Five lectures, Michaelmas Term.

For B.Sc. c.u. main field Soc. Psych. 2nd and 3rd yrs.; graduates. Optional for

students in other departments. B.Sc. c.u. main field Soc. Psych. third-year students are also referred to Courses 714, 716 (iii), 719, 720, 724 and 725.

FOR GRADUATE STUDENTS

714 Communication and Attitude Change (Seminar)

Professor Cook. Sessional.

For M.Sc. and other graduate students; B.Sc. c.u. main field Soc. Psych. 3rd yr. Students taking this course must attend Course 713.

715 Language, Thought and Communication (Seminar)

Mr Hotopf. Sessional.
For M.Sc.

716 Social Psychological Methods of Research

For M.Sc.

(i) **Advanced Survey Methodology**
Dr Oppenheim. Michaelmas Term.

(ii) **Experimental Methods**
Dr Gaskell. Lent Term.

(iii) **Techniques of Data Analysis and Data Processing**
Dr Stockdale and others. Five lectures, Lent Term.

All students are expected to take the short Fortran Course offered by the Computer Unit.

717 Social Psychology of Organizations. The Nature and Derivation of the Social Formal (Seminar)

Mr R. Holmes. Sessional.

For M.Sc.

718 Personality (Seminar)

Dr A. P. E. L. Sealy. Sessional.

For M.Sc.

Psychology

Syllabus Individual differences and dynamic approaches to the study of personality; cognitive theories; stress and coping mechanisms; activation; self theories; problems of assessment and change in personality.

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. Muhl, *Personality*; S. Maddi, *Personality Theories*; E. Borgatta and W. Lambert, *Handbook of Personality Theory and Research*, chaps. 7, 10, 12, 20 and 21.

719 Groups and Group Functioning (Seminar)

Sessional. This course may not be given in 1973-74.

For M.Sc.; B.Sc. c.u. main field Soc. Psych. 3rd yr.

720 Social Psychology of Conflict (Seminar)

Dr Oppenheim, Michaelmas and Lent Terms.

For M.Sc.; B.Sc. c.u. main field Soc. Psych. 3rd yr.

721 Child Development and Socialisation (Seminar)

Dr Geber. Sessional.

For M.Sc.

722 Interpersonal Behaviour (Seminar)

Mr A. D. Jones. Sessional.

For M.Sc.

723 Industrial Psychology

Mr R. Holmes. Thirteen lectures and classes, Michaelmas and Lent 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.

Recommended reading M. S. Viteles, *Motivation and Morale in Industry*; N. R. F. Maier, *Psychology in Industry*; H. Croome, *Human Problems of Innovation*; J. Woodward, *Management and Technology*; D. Krech, R. S. Crutchfield and E. L. Ballachey, *Individual in Society*.

Further reading will be recommended during the course.

724 The Psychological Study of Social Issues (Seminar)

Dr Oppenheim and others.

Sessional.

For M.Sc.; B.Sc. c.u. main field Soc. Psych. 3rd yr.

Syllabus A number of topics will be discussed in some depth, depending on student and staff interests: the examination of the application of social psychology to industry, education, work, race relations, social medicine, political behaviour, the mass media, legal procedure etc.

725 Psychology (Seminar)

Mr Hotopf and others. Fortnightly, Sessional.

Papers will be presented by members of staff and outside speakers.

Psychology graduates are expected to attend Course 972 and are also referred to Courses 707, 708, 710 and 713.

Social Science and Administration

740 Urban Planning Policies

Professor Donnison. Five lectures, Michaelmas Term.

For M.Sc.; B.A./B.Sc. (Soc.) Branch III 3rd yr.; Dip. Soc. Admin. 2nd yr.

Syllabus A discussion of urban structure and the spatial context for social policies. City government, and the ideologies that inform planning at the urban scale.

Recommended reading W. Ashworth, *The Genesis of Modern British Town Planning*; B. T. Robson, *Urban Analysis*; Emrys Jones, *A Social Geography of Belfast*; J. Jacobs, *The Economy of Cities*; D. Easton, *A Framework for Political Analysis*; J. S. Mill, *Essays*; B. Barry, *Political Argument*; A. Downs, *An Economic Theory of Democracy*.

741 Social History and Social Policy

Dr Harris. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 1st yr.; B.Sc. c.u. main fields Geog., Maths., Soc., Soc. Psych.; Dip. Soc. Admin. 1st yr. Optional for Dip. Soc. Admin. one-yr.

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. Roberts, *Victorian Origins of the British Welfare State*; H. Parris, *Constitutional Bureaucracy*; J. Burrow, *Evolution and Society: A Study in Victorian Social Theory*; G. Stedman Jones, *Outcast London*; J. Harris, *Unemployment and Politics: A Study in English Social Policy 1886-1914*; 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*; T. H. Marshall, *Social Policy in the 20th Century*.

742 Social History and Government Classes.

Sessional.

For B.Sc. S.S. and A. 1st yr.

743 Social Policy (Classes)

Summer Term.

For B.Sc. S.S. and A. 2nd yr.

744 Development of Social Administration

Various lecturers. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 2nd yr.; B.Sc. c.u. main fields Geog., Maths., Soc., Soc. Psych.; Dip. Soc. Admin. 1st yr. and one-yr.

Syllabus An introduction to the subject of Social Administration followed by an examination of the more recent developments since the 1930s. A survey in greater detail of the main fields of social administration: income redistribution, education, housing, medical care and the personal social services.

Recommended reading M. Brown, *Introduction to Social Administration in Britain*; D. V. Donnison *et al*, *Social Policy and Administration*; T. H. Marshall, *Social Policy*; K. M. Slack, *Social Administration and the Citizen*; R. M. Titmuss, *Essays on the Welfare State*.

745 Contemporary Aspects of Social Administration

Various lecturers. Fifteen lectures, Lent and Summer Terms.

For Dip. Soc. Admin. 2nd yr. and one-yr. **Summer Term** also for Dip. Soc. Admin. 1st yr.

Syllabus Detailed consideration of a number of contemporary aspects of social administration. These will probably include such topics as the work of the Supplementary Benefits Commission, racial discrimination and the work of bodies like the Race Relations Board and the Community Relations Commission, the rights of consumers of the social services and their participation in decision making.

Social Science and Administration

746 Social Administration (Classes)

For Dip. Soc. Admin., one-yr., 1st and 2nd yrs.; B.A./B.Sc. (Soc.) Branch III 3rd yr.; B.Sc. c.u. main fields Geog., Maths, Soc., Soc. Psych.

747 Social and Public Administration (Classes)

Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 2nd yr.

Syllabus Administrative processes in the formulation and execution of public and social policies.

748 Central and Local Government Administration (Seminar)

Dr Regan and Mr A. L. Webb. Sessional.

For B.A./B.Sc. (Soc.) Branch III 3rd yr.

Syllabus This course is divided into two parts. The first half consists of an examination of the main administrative and political problems of central and local government in providing services. Particular attention is paid to the interaction between the two levels of government. The second half of the course is a study in depth of the reorganization of London government and its effects upon the administration of services in the Metropolis.

Recommended reading FIRST PART:

R. G. S. Brown, *The Administrative Process in Britain*; J. A. G. Griffith, *Central Departments and Local Authorities*; W. J. M. Mackenzie, *Theories of Local Government*; J. P. Mackintosh, *The Devolution of Power*; W. A. Robson, *Local Government in Crisis*; Evelyn Sharp, *The Ministry of Housing and Local Government*.

SECOND PART: *Report of the Royal Commission on Local Government in Greater London* (Cmd. 1164, 1960); G. Rhodes, *The Government of London: The Struggle for Reform*; *The Government of London: The First Five Years*; G. Rhodes and S. K. Ruck, *The Government of Greater London*; F. Smallwood, *Greater London: the Politics of Metropolitan Reform*; Greater London Group, *The*

Lessons of the London Government Reforms; W. A. Robson and D. E. Regan, *Great Cities of the World: Their Government, Politics and Planning*; D. Foley, *Governing the London Region*; D. Keeling, *Management in Government*; J. D. Millett, *The Unemployment Assistance Board*; G. McCrone, *Regional Policy in Britain*; R. J. S. Baker, *Administrative Theory and Public Administration*; M. Barnett, *The Politics of Legislation*; J. Greve, *London's Homeless*; J. Greve (et al), *Homeless in London*; P. Hall, *London 2,000* (2nd edn); See also the Greater London Group's *Greater London Papers* published by L.S.E. Further specialised references will be given in the seminars.

749 Social Structure and Social Policy in Societies Undergoing Industrialisation (Classes)

Mrs Hardiman and Dr Midgley. Weekly, Sessional.

For B.A./B.Sc. (Soc.) Branch III 3rd yr.

750 Introduction to Social Work

For Dip. Soc. Admin., one-yr. incl. Overseas Option and 1st yr.

(i) Case Work

Three lectures, Lent Term.

(ii) Group Work

Three lectures, Lent Term.

(iii) Community Work

Four lectures, Lent Term.

751 Aspects of Social Work

Various lecturers. Ten lectures, Lent Term.

For Dip. Soc. Admin., one-yr. incl. Overseas Option and 1st yr.

752(a) Visits of Observation Classes

For Dip. Soc. Admin., one-yr. incl. Overseas Option and 1st yr.

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752(b) Field Work Classes

For Dip. Soc. Admin., one-yr. incl. Overseas Option, 1st yr.

752(c) Social Research for Field Work Classes

For Dip. Soc. Admin. 1st yr. and one-yr.

753 The Financing of the Social Services

Mr Piachaud. Ten lectures, Lent Term.

For B.Sc. S.S. and A. 2nd yr.; Dip. Soc. Admin. one-yr. and 2nd yr.

Syllabus Methods of financing social services; the analysis and the economic and social consequences of alternative systems of financing; recent developments in costs and financing of social services. Tax systems and their social implications. Aspects of financing income maintenance programmes. Problems of allocating resources; project appraisal and social planning.

Recommended reading will be given during the course.

754 Economics (Classes)

(a) Fortnightly, Sessional.

For Dip. Soc. Admin. 1st and 2nd yrs. and one-yr.

(b) Fortnightly, Sessional.

For B.A./B.Sc. (Soc.) Branch III 3rd yr.

(c) Weekly, Sessional.

For B.Sc. S.S. and A. 1st yr.

(d) Fortnightly, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 2nd yr.

755(i) Quantitative Research Methods in Social Administration

Dr Davies. Sessional.

Optional for Dip. Soc. Admin. 2nd yr. and one-yr.

755(ii) Survey Methods (Class)

Dr Davies, Fifteen classes, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 2nd yr.

755(iii) Statistics Revision (Class)

For B.Sc. Soc. Branch III 3rd yr.

756 Psychology in Social Administration

Professor Plowman. Five lectures, Lent Term.

For B.Sc. S.S. and A. 2nd yr.; Dip. Soc. Admin. one-yr. incl. Overseas Option and 2nd yr.

Syllabus and recommended reading will be given during the course.

757 Psychology (Classes)

(a) Fortnightly, Sessional.

For B.Sc. S.S. and A. 2nd yr.

(b) Fortnightly, Sessional.

For Dip. Soc. Admin. one-yr. incl. Overseas Option 1st and 2nd yrs.

758 Social Structure (Classes)

(a) Fortnightly, Lent Term.

For Dip. Soc. Admin. 1st yr.

(b) Fortnightly, Sessional.

For Dip. Soc. Admin. 2nd yr. and one-yr.

(c) Fortnightly, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 2nd yr.

759 Introduction to Sociology (Classes)

Fortnightly, Sessional.

For B.Sc. S.S. and A. 1st yr.

760 Social and Political Theory (Class)

Fortnightly, Summer Term.

For B.Sc. S.S. and A. 2nd yr.

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761 Social Theory (Class)

Fortnightly, Sessional.

For B.A./B.Sc. (Soc.) Branch III 3rd yr.

762 Social Security Seminar

Mr Reddin. Fortnightly, Sessional.

For B.A./B.Sc. (Soc.) Branch III 3rd yr.

763 Seminar on Supplementary Benefits

Mr Lynes. Sessional.

Syllabus A description of the nature and conditions of entitlement to Supplementary Benefits, procedures for claiming and appealing against decisions. Case studies will be used.

764 Administration of Education (Class)

Mr Glennerster and Dr Blackstone. Fortnightly, Summer Term.

For B.Sc. S.S. and A. 2nd yr.

765 Personal Social Services (Class)

Mr Webb. Fortnightly, Summer Term.

For B.Sc. S.S. and A. 2nd yr.

766 Housing and Urban Structure (Class)

Dr Levin. Fortnightly, Summer Term.

For B.Sc. S.S. and A. 2nd yr.

767 Sociology of Deviance (Class)

Dr Downes. Fortnightly, Summer Term.

For B.Sc. S.S. and A. 2nd yr.

FOR GRADUATE STUDENTS

M.Sc.: Social Administration and Social Work Studies—Option A

The following Seminars will be available only for students taking the M.Sc. Option A.

768 Social Policy and Administration (Seminar)

Professor Abel-Smith and Miss Nevitt. Sessional.

For M.Sc.: *Social Policy and Administration*.

Syllabus The formation and development of social policy. The evolution of aims and principles in relation to the growth of social welfare, fiscal welfare and occupational welfare. The problems of redistributive justice and ethical issues in social policy. The assessment of the effects of the social services and social policies. Concepts of need and social welfare. The contributions made by political, professional, and charitable bodies to the development of collective action to promote social welfare. The structure, functions and forms of administration of social services provided by the state, charitable institutions and employers. This course will be concerned only in general terms with special branches of the social services covered by other papers, e.g. social security, medical care and the welfare services. It will take account of historical developments and will include, where appropriate, comparative developments in other countries and focus on current policy questions.

Recommended reading M. Bruce, *The Coming of the Welfare State*; B. B. Gilbert, *The Evolution of National Insurance in Great Britain*; D. V. Donnison and others, *Social Policy and Administration*; R. M. Titmuss, *Essays on The Welfare State*; *Income Distribution and Social Change*; D. S. Lees, *Freedom or Free-for-all?*; W. G.

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Runciman, *Relative Deprivation and Social Justice*; Kathleen M. Slack, *Social Administration and the Citizen*; E. Burns, *Social Security and Public Policy*; A. B. Atkinson, *Poverty in Britain and the Reform of Social Security*.

769 Medical Care (Seminar)

Professor Abel-Smith and Mrs Rose. 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.: *Medical Care and Medical Sociology*.

Michaelmas Term only: for 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.

770 Social Security (Seminar)

Miss Nevitt and Mr Reddin.

Michaelmas and Lent Terms.

This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.: *Social Security*.

Syllabus Social security is defined broadly to include not only national insurance, injuries and assistance provisions, but also provisions for income maintenance through the courts, tax allowances which recognise family needs, occupational benefits, private insurance and means testing. The historical development of

social security provisions in Britain; definitions of poverty and criteria for determining the scope and level of social security benefits; the economic and financial problems of social security; the legal framework of social security; comparisons with provisions in other high-income countries.

Recommended reading B. 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, *Unemployment and Politics*; Labour Party, *National Superannuation, 1957*; P. Townsend and D. Wedderburn, *The Aged in the Welfare State*; Ministry of Pensions and National Insurance, *Provisions for Old Age* (Cmnd. 538, 1958); T. Lynes, *Pension Rights and Wrongs* (Fabian Society, 1963); A. Seldon, *Pensions in a Free Society*; Department of Health and Social Security, *National Superannuation and Social Insurance* (Cmnd. 3883); T. Lynes, *Labour's Pension Plan* (Fabian Society, 1969); *Strategy for Pensions* (Cmnd. 4755, 1971); D. Marsden, *Mothers Alone: Poverty and the Fatherless Family*; A. B. Atkinson, *Poverty in Britain and the Reform of Social Security*; V. George, *Social Security: Beveridge and After*; H.M.S.O., *Social Trends*; M. Hanser, *Economics of Unemployment Insurance*; Sir John Walley, *Social Security: Another British Failure?*

771 Welfare Services (Seminar)

Dr Davies and Mr A. L. Webb. Sessional. This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.: *Welfare Services*.

Syllabus Concepts of systems. Needs, demands and supply: theories about the determinants of each and their inter-relationship; implications for provision. Personal social services as organisations and the factors that influence them. Management tools in personal social services.

Recommended reading to be provided.

772 Housing and Town Planning (Seminar)

Dr Levin, Michaelmas and Lent Terms. This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.: *Housing and Town Planning*; M.Sc. in Regional and Urban Planning.

Syllabus Social and economic aspects of housing markets. The development of British housing policies. Governmental and other agencies and institutions in Britain today: their roles and relationships, their influence in the building and allocation of housing, implications for the consumer. Housing problems: slums, multi-occupation and homelessness. Central and local housing policies for the future.

Town planning as a tool of social policy. Strategic and comprehensive planning. New towns and town development schemes: the physical, social and economic development of new communities. Urban decay and renewal: problems, policies and their implications. Decision making and public participation in planning. Housing, town planning and the structure of local government.

Recommended reading D. V. Donnison, *The Government of Housing*; J. B. Cullingworth, *Housing and Local Government in England and Wales, Town and Country Planning in England and Wales*; A. A. Nevitt, *Housing, Taxation and Subsidies*; W. F. Smith, *Housing—The Social and Economic Elements*; M. Bowley, *Housing and the State*; J. A. G. Griffith, *Central Departments and Local Authorities*; Ministry of Housing and Local Government, *Council Housing—Purposes, Procedures, Priorities; Report of the Committee on Housing in Greater London* (Milner Holland, Cmnd.2605); *Report of the Committee on the Rent Acts* (Francis, Cmnd.4609); J. Greve et al, *Homelessness in London*; *The Needs of New Communities*; *People and Planning* (Skeffington Report); E. Burney, *Housing on Trial*; W. Ashworth, *The Genesis of Modern British Town Planning*; Town and Country Planning

Association, *New Towns—The British Experience*; M. Stewart (Ed.), *The City—Problems of Planning*; H. J. Gans, *People and Plans*; W. Michelson, *Man and His Urban Environment*; G. Rhodes (Ed.) *The New Government of London—The First Five Years*.

773 Educational Administration (Seminar)

Dr D. M. Downes, Mr Glennerster and Dr Blackstone. Sessional. This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.: *Educational Administration*.

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 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*; J. Vaizey, *Resources for Education*.

A more detailed bibliography will be distributed at the beginning of the session.

774 Quantitative Concepts in Social Administration

Dr Davies. Lent Term.

For M.Sc.

Syllabus The measurements of some concepts important in social administration and political studies—for instance “needs”, “poverty”, “stigma”, “demand”, “supply”, “movement”—in research studies, and the quantified theory relating to them; the sources of data and their potential development.

775 Case Studies of Research Methods in Social Administration

Dr Davies. Sessional. This seminar will be held only if there is a sufficient number of students.

For M.Sc.: Social Administration and Social Work Studies (A).

OTHER GRADUATE COURSES

776 Seminar in Social Administration

Professor Abel-Smith. Fortnightly, Sessional.

For M.Phil and Ph.D. students.

777 Issues in Community Action

Mrs Rose. Sessional.

Admission by permission of the lecturer.

Social Planning

778 Social Policy and Planning in Developing Countries

Mrs Hardiman and Dr Midgley.

Twenty lectures of one-and-a-half hours, Michaelmas and Lent Terms.

For Dip. Soc. Plan.; Dip. Soc. Admin. (one-yr. Overseas Option); B.Sc. S.S. and A. 2nd yr.

Syllabus Definition, scope and content of social policy. Aims and principles in relation to the development of social policies. Social, political, economic, psychological and technological factors relevant to policy formation. 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. The role of social legislation. Forms of provision: social welfare services, community development programmes, income maintenance and treatment of offenders. The implications of transplanting institutions from one society

to another. The administration of social policy: staffing; training; organisation; research; voluntary organisations; overseas aid and technical assistance.

Recommended reading S. N. Eisenstadt, *Comparative Perspectives on Social Change*; W. E. Moore, *Social Change*; J. R. Hicks, *The Social Framework* (4th edn.); E. J. Mishan, *Cost-Benefit Analysis*; Guy Hunter, *Modernising Peasant Societies*; W. Bennis et al (Eds.), *The Planning of Change* (2nd edn.); Gunnar Myrdal, *The Challenge of World Poverty*; A. Gundar Frank, *Capitalism and Underdevelopment in Latin America*; A. Waterston, *Development Planning*; R. Apthorpe (Ed.), *People, Planning and Development Studies*; A. J. Kahn, *Theory and Practice of Social Planning*; R. M. Titmuss, *Essays on the Welfare State*; K. Slack, *Social Administration and the Citizen*; O.D.I., *World Development Handbook*; U.N. Report on the World Social Situation (1957, 1963, 1965, 1967, 1970) and other U.N. publications; E. Boserup, *Woman's Role in Development*; A. H. Niehoff (Ed.), *A Casebook of Social Change*.

779 Social Policy and Planning in Developing Countries (Seminar)

Mrs Hardiman and Dr Midgley. Sessional.

For Dip. Soc. Plan.; Dip. Soc. Admin. (one-yr. Overseas Option); B.Sc. Soc. Branch III 3rd yr.; Optional for B.Sc. S.S. and A. 2nd yr.

780 The Governmental Context of Development

Mr P. F. Dawson. Twenty lectures, Sessional.

For Dip. Soc. Plan. Optional for Dip. Soc. Admin. (one-yr. Overseas Option).

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

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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*; J. L. Finkle and R. W. Gable, *Political Development and Social Change*; S. P. Huntington, *Political Order in Changing Societies*; J. La Palombara, *Bureaucracy and Political Development*; D. Lerner, *The Passing of Traditional Society*; 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. Shils, *Political Development in the New States*; W. Stolper, *Planning Without Facts*.

781 Economic Aspects of Social Planning in Developing Countries (Class)

One-hour weekly, Michaelmas Term.

For Dip. Soc. Plan.; Dip. Soc. Admin. (one-yr. Overseas Option).

782 Problems of Health and Disease (Seminar)

Professor Abel-Smith and Mrs Rose. One-and-a-half hours weekly. Lent and Summer Terms.

For Dip. Soc. Plan.

783 Planning of Welfare Services (Seminar)

Dr Midgley. One-and-a-half hours weekly, Sessional.

For Dip. Soc. Plan.

Syllabus Government responsibility for welfare. National and local programmes. The role of voluntary and religious organisations. Programmes for the care of children, the aged, disabled, mentally disordered and handicapped people. The reception and rehabilitation of offenders. Aid and emergency relief. Income support. Modes of provision. The role of international agencies.

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*, U.N.I.C.E.F.; U.N., *Patterns of Social Welfare Organisation and Administration in Africa*; U.N. *Social Welfare Services in Africa*, No. 8; U.N. *Training for Social Welfare*, 5th International Survey; U.N. E.C.L.A. *Social Change and Social Development Policy in Latin America*, Part II, Social Development Policy; U.N. E.C.A.F.E. *Social Development in Asia*; E. Ahiram, *Income Distribution in Jamaica*, Journal of Social and Economic Studies, Vol. 13, No. 3, 1964; S. Dasgupta, *Social Work and Social Change*; S. K. Khinduka (Ed.), *Social Work in India*.

784 Planning Community Development (Seminar)

Mrs Hardiman and Dr Midgley. One-and-a-half hours weekly, Sessional.

For Dip. Soc. Plan.

Syllabus Theory and principles of community development. The availability and utilisation of local resources, and indigenous leadership. Integration of community development programmes with broader economic and development objectives. Extensions and reformulations of the community development idea. Detailed case studies of community development programmes in selected countries.

Recommended reading D. Brokensha and P. Hodge, *Community Development: an Interpretation*; P. du Sautoy, *Community Development in Ghana*; T. R. Batten, *Communities and their Development*; W. W. Biddle and L. J. Biddle, *Encouraging Community Development*; R. Mukerji, *Community Development in India*; U.N. *Community Development and National Development*; U.N. *Social Progress Through Community Development*; T. R. Batten, *Training for Community Development*; P. Ruopp (Ed.), *Approaches to Community Development*; U.N. *The Community Development Approach to Land Settlement*; R. Chambers, *Settlement Schemes in Tropical*

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Africa; H. Maddick, *Panchayati Raj*; C. Rosser, *Action Planning in Calcutta*, in R. Apthorpe (Ed.), *People, Planning and Development Studies*.

785 Social and Economic Aspects of the Housing System (Seminar)

Miss Nevitt. One-and-a-half hours weekly, Sessional.

For Dip. Soc. Plan.

Syllabus Social and economic background to housing systems. The nature of the housing market. Land tenure and ownership. The formation of housing and associated urban planning policies at national and local levels. The identification of problems: slums, overcrowding, multi-occupation, homelessness, squatters and shanty towns.

The assessment of housing need and the formulation of objectives. Decision-making and the planning process. Problems of policy and implementation. The relationship between planning and administration. Housing management. The impact of housing and planning policies on individuals, groups and urban systems. Policy evaluation.

Recommended reading will be given during the Course.

786 Social Implications of Education (Seminar)

Mrs Hardiman. One-and-a-half hours weekly, Sessional.

For Dip. Soc. Plan.

Syllabus Education systems as systems of social control: the process of selection, motivation and recruitment in education; intelligence testing, streaming, examinations. Cross-cultural comparisons of the modes and extent of social mobility through education. The relationship between educational and occupational structures.

The content of education as a variable in educational attainment. Competing ideologies in education: equality of opportunity, positive discrimination, de-schooling and implications for curriculum development.

Educational systems as organisations:

resource allocation to different sectors of the educational system; the management of resources; distribution and status within and between schools and other educational institutions. The management of innovation in education. Special areas: education and minority groups; education and peer group cultures; education and the labour market.

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, 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*; M. Reimer, *School is Dead*; I. Berg, *Education and Jobs*; UNESCO International Institute for Educational Planning: *Fundamentals of Educational Planning*, No's. 1-13.

Personnel Management

Diploma Courses

790 Principles and Practice of Personnel Management

Baroness Seear 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.

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Recommended reading A bibliography will be recommended during the course of the lectures.

790(a) Classes

Sessional. In connection with Course 790.

790(b) Training and Development

Mr Guest and others. Lent Term.

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.

791 Industrial Psychology

Mr R. Holmes. Thirty-five lectures, Sessional.

For Diploma in Personnel Management.

Syllabus Individual maturation and adjustment.

Factors leading to the formation of industrial groups. Morale and its breakdown; co-operative and competitive situations, resistance to change.

Psychological and organizational factors in communication.

The nature of incentives; supervisory and other leadership. Personnel counselling. Supervisory training.

Recommended reading N. R. F. Maier, *Psychology in Industry*; M. S. Viteles, *Motivation and Morale in Industry*; J. Piaget, *The Moral Judgment of the Child*; J. A. C. Brown, *The Social Psychology of Industry*; W. Brown, *Exploration in Management*; H. Croome, *Human Problems of Innovation*; H. J. Eysenck, *Uses and Abuses of Psychology*; J. Woodward, *Management and Technology*; L. R. Sayles, *The Behaviour of Industrial Work Groups*; W. F. Whyte and others, *Money and Motivation*; A. Zalesnik and others, *The Motivation, Productivity and Satisfaction of Workers*.

791(a) Industrial Psychology (Class)

Mr R. Holmes. In connection with Course 791.

792 Methods of Social Research in Industry

Mr Guest. Fifteen lectures and fifteen classes, Michaelmas and Lent Terms.

For students who will be undertaking project work for Part II of the Diploma in Personnel Management.

Note The numbers of the additional courses taken by Diploma in Personnel Management students are listed on page 259.

Non-Diploma Course

793 Introduction to Personnel Management

Baroness Seear. Five lectures, Lent Term.

For M.Sc.

794 Seminar on Management Problems

Baroness Seear and others. Sessional.

For all students taking the M.Sc. in Management Studies.

795 Seminar in Personnel Management

Baroness Seear and others. Sessional.

For students taking M.Sc. in Management Studies Branch A.

Diploma in Social Work Studies

(This Diploma replaces the Diploma for Social Workers in Mental Health and the Diploma in Applied Social Studies.)

Note Lectures and seminars numbered 797 to 815 are restricted to students registered for this course.

797 Introduction to Methods of Social Work

Miss Butrym, Miss Sinanoglou and others. Sixteen lectures. Michaelmas Term.

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798 Principles and Practice of Social Work

Miss Butrym, Miss Elkan, Miss Edmonds, Mr Gregory, Mr Sage, Miss Sinanoglou and Mrs Thomas. Twenty-seven seminars, Sessional.

Syllabus The aim of the seminars is to provide the necessary background theory through a study of concepts and methods used in social work. The study of casework is a major part of these seminars, but attention is also given to group and community work. The seminars are closely related to the various lecture courses and form a bridge between these and field work.

799 Social Work and Social Problems

Members of Staff and others. Twelve lectures, Michaelmas and Lent Terms.

Syllabus This course discusses a number of social problems and considers the ways in which such phenomena come to be defined as a "social problem". Theories of description (e.g. "deviance", "social disorganization") and theories of causation. The part played by social work and the social sciences in defining and dealing with social problems.

800 Human Growth and Development

Dr Stewart Prince. Twenty lectures, Michaelmas and Lent Terms.

Syllabus The biological and psychological development of the individual from birth until old age, and the relevance of modern theories of personality to each phase of development. Psycho-analytic theory and its derivatives. Deviations from the normal commonly met with in social work practice. Parent-child relationships, family dynamics and the psychology of marriage. The implications of such adverse experience as emotional deprivation, illness, bereavement and placement in an abnormal environment.

801 Themes in Clinical Psychiatry

Dr Cawley. Ten lectures, Michaelmas and Lent Terms.

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.

802 Child Psychiatry

Dr Hersov. Eight lectures, Lent and Summer terms.

Syllabus Basic principles in Child Psychiatry. Normality and abnormality in mother 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.

803 The Meaning of Health and Disease

Dr Thurston. Eight lectures, Lent Term.

Syllabus The basic principles underlying health and ill-health. The physiology and pathology of the main systems of the body and the incidence of the more common diseases in the different age groups. The

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interaction of medical, social and emotional factors.

804 Theories of Personality Development

Professor Plowman and Miss Elkan. Eight lectures, Michaelmas Term.

805 Family and Marital Interaction

Two Seminar groups taken by staff members of the Institute of Marital Studies in the Summer Term.

806 Forms of Substitute Care

Miss Edmonds. Five lectures, Lent Term.

807 Psycho-Social Aspects of Health Care

Miss Butrym. Eight lectures, Lent Term.

Syllabus The course is primarily concerned with a study of the differing concepts of health and medical care, with the various factors influencing these, and with their effects on the health services. Particular attention will be given to the following more specific aspects of the theme: the cultural and social influences affecting people's attitudes towards health, sickness, and medical care; the characteristics of the various health institutions including the issues involved in an integration of the scientific and the "whole person medicine" approaches; the place of social work in promoting health through participation in preventive, therapeutic and rehabilitative programmes; and the various obstacles to a truly effective contribution by social workers in this field.

Recommended reading will be given during the course.

808 Organization and Social Policy

Dr Hadley and Mr A. L. Webb. Ten lectures, Michaelmas Term.

Syllabus Some of the key administrative

problems and processes associated with social welfare organizations. The manner in which scarce services are allocated. The relationships between organizations. The processes of organizational growth, development and change. Information, communication and decision. Administrative discretion and the use of professional power. The design of administrative structures.

Recommended reading D. V. Donnison, *Social Policy and Administration*; H. A. Simon, *Administrative Behaviour*; J. G. March and H. A. Simon, *Organization*; E. Powell, *Medicine and Politics*; G. Vickers, *The Art of Judgement*; W. Gamson, *Power and Discontent*; P. Blau and W. R. Scott, *Formal Organizations*; K. Boulding, *The Organizational Revolution*; K. Boulding, *General Theory of Conflict and Defense*; R. L. Kahn and E. Boulding, *Power and Conflict in Organizations*; H. L. Wilensky and C. N. Lebeaux, *Industrial Society and Social Welfare*; L. T. Wilkins, *Social Deviance*.

809 The Social Services

A series of lectures or classes in Lent and Summer Terms.

810 Law and Welfare Rights

Members of staff and others. Ten lectures, Lent Term.

Students may choose from specialist interest classes which may include the following:

811 Psychoanalytic Concepts

Miss Elkan. Summer Term,

812 Community Work

Summer Term.

813 Welfare Rights

Summer Term.

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814 Social Work in the Residential Setting

Miss Edmonds. Summer Term.

815 Social Work Research

Summer Term.

Alternative and/or additional classes may be offered.

For M.Sc. Social Administration and Social Work Studies, Option B.

816 Social Work Studies

Miss Wilson and others. Fifteen seminars. Sessional.

817 Social Problems

Mr Gregory and others. Sessional.

Supervisors to the Diploma in Social Work Studies

| | | |
|-------------------|---|--|
| Miss M. Eden | } | The Bethlem Royal and Maudsley Hospitals, Denmark Hill, SE5 8AZ |
| Mrs K. Allison | | |
| Miss M. Kernick | | |
| Miss J. Treseder | | |
| Miss M. Barrett | | |
| Miss J. Rainey | | |
| Miss I. Lissman | | |
| Miss M. Weiss | } | The Child Guidance Training Centre, 120 Belsize Lane, NW3 5BA |
| Mrs R. Prestage | | |
| Mrs T. Stoller | | The London Hospital, Department of Social Work, Whitechapel, E1 1BB |
| Miss M. N. Knight | | The London Hospital, Department of Social Work, Whitechapel, E1 1BB |
| Miss L. Adler | | The Hammersmith Hospital, Department of Social Work, 150 Du Cane Road, W12 |
| Mrs E. Pitman | | Department of Social Work, Fulham Hospital, W6 |
| Miss M. Bailey | | Middlesex Hospital Medical School, Academic Department of Psychiatry, Mortimer Street, W1N 8AA |
| Miss C. Tolaini | | The Middlesex Hospital, Department of Medical Social Work, Mortimer Street, W1N 8AA |
| Miss B. Fowles | } | The Middlesex Hospital, Department of Psychological Medicine, Cleveland Street, W1N 8AA |
| Miss J. Hindson | | |
| Mrs M. Abramsky | | The Royal Free Hospital, Department of Psychological Medicine, Grays Inn Road, WC1X 8LF |

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|--|--|
| Miss F. McCulley | Belgrave Hospital for Children, 1 Clapham Road, SW9 0JF |
| Miss W. Roberts Mrs G. Gorrell-Barnes | } John Scott Health Centre, Child Guidance Unit, Green Lanes, N4 2NU |
| Mrs J. Jordan Mrs F. Mendoza | } University College Hospital, Children's Psychiatric Department, Gower Street, WC1E 6AU |
| Miss E. Kielty | Walthamstow Child Guidance Clinic, Hurst Road Health Centre, Forest Road, E17 3BL |
| Miss J. Henderson Miss A. Goldie | } London Borough of Wandsworth, Social Services Department, Municipal Buildings, High Street, SW18 |
| Miss C. Morgan | London Borough of Lewisham, Social Services Department, Eros House, Rushey Green, SE6 |
| Mr S. Williams | Inner London Probation and After care Service, 1A Walton Street, SW3 |
| Miss C. Whitby | London Borough of Barnet, Social Services Department, 308 Regent's Park Road, N3 2JX |
| Miss E. Wilson | London Borough of Tower Hamlets, Social Services Department, Cheviot House, 227, Commercial Road, E1 |
| Miss A. M. Hertoghe Mr G. McLaine | } Family Welfare Association, Area 5, 80, North Side, Wandsworth Common, SW18 2QX |
| Miss A. Still | The Albany, Creek Road, SE8 |
| Mrs M. Blackmore | London Association of Housing Estates, 104 Great Russell Street, WC1B 3LA |

This list does not include supervisors who are supervising for the School for the first time this year.

Sociology

I Undergraduate Courses

830 Introduction to Sociology

(i) Professor MacRae. Michaelmas Term.

For B.Sc. main fields Soc. 1st yr., Geog., Maths. 1st yr., Stats. 1st yr., Comp. 1st yr., Soc. Anth., Soc. Psych.; B.Sc. (Econ.) Parts I and II; B.Sc. S.S. and A. 1st yr.; Dip. Personnel Management.

(ii) Mr Hopper and Professor Cohen. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Soc. 1st yr., Geog., Maths. 1st yr., Stats. 1st yr., Comp. 1st yr., Soc. Anth., Soc. Psych.; B.Sc. S.S. and A. 1st yr.; Dip. Personnel Management; Dip. Soc. Admin. (first year).

Syllabus Students will be given a basic introduction to sociology by way of a detailed examination of selected literature and the presentation of basic data concerning the industrialisation process and its consequences. The course will also illustrate the sociological analysis of selected social problems and issues of general concern.

Recommended reading will be given during the course.

830(a) Introduction to Sociology (Classes)

Sessional, beginning early in the Michaelmas Term.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Geog., Maths., Soc., Soc. Anth., Soc. Psych.

831 Elements of Social Structure II (Classes)

Dr Rock. Weekly classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

832 Comparative Social Structures

Dr Hill, Mr Burrage and Mr Stewart. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. 2nd yr. B.Sc. (Econ.) Part II.

Syllabus Comparative method in the analysis of social structure. Power and authority in bureaucratic and feudal societies. Social stratification and mobility in complex pre-industrial societies; slavery. Kinship systems, belief systems and economic organization in complex pre-industrial societies. Economic institutions and the origins of industrial societies. Power, authority and elites in various industrial societies; social class and social mobility. The family and religion in industrial societies.

Recommended reading will be given during the course.

832(a) Comparative Social Structures (Classes)

Twenty classes. Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. 2nd yr; B.Sc. (Econ.) Part II.

833 Introduction to Sociological Theorists

Mrs Barker. Five lectures, Summer Term.

Optional for B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Soc., Soc. Anth.

Syllabus Optional lectures to provide a background for the Sociological Theory course (No. 834). Brief introduction to the works of classical sociologists such as Marx, Weber, Durkheim and the functionalists.

834 Sociological Theory

Mrs Barker. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. 3rd yr., Soc. Anth. 2nd yr.; B.Sc. (Econ.) Part II.

Syllabus Nature and function of sociological theory. Classical and contemporary theories on such problems as the nature of society, social facts, social action, social change and "development", the relationship between the individual and society, the distribution of power. Methodological and ideological concerns with the possibility of an objective knowledge of society.

Note Some familiarity with classical social theorists such as Marx, Durkheim and Weber will be assumed for this course. Students outside the Sociology Department who are considering taking this course are invited to attend optional background lectures (Course 833) to be given during the 2nd half of the year preceding that in which the course is given. For information on these lectures contact the Sociology Department.

Recommended reading R. Aron, *Main Currents in Sociological Thought* (2 vols.); S. Avineri, *The Social and Political Thought of Karl Marx*; R. Bendix and S. M. Lipset (Eds.), *Class, Status and Power*; R. Bendix, *Max Weber: an Intellectual Portrait*; P. Berger and T. Luckman, *The Social Construction of Reality*; M. Black (Ed.), *The Social Theories of Talcott Parsons*; T. Bottomore and M. Rubel (Eds.), *Karl Marx*; A. Cicourel, *Methods and Measurement in Sociology*; P. S. Cohen, *Modern Social Theory*; L. Coser and B. Rosenberg (Eds.), *Sociological Theory*; L. Coser, *Masters of Sociological Thought*; N. Demerath and R. Peterson (Eds.), *System, Change and Conflict*; M. Douglas, *Purity and Danger; Natural Symbols*; E. Durkheim, *The Rules of Sociological Method; The Division of Labour in Society; Suicide; The Elementary Forms of the Religious Life* etc.; D. Emmet and A. MacIntyre (Eds.), *Sociological Theory and Philosophical Analysis*; A. and E. Etzioni (Eds.), *Social Change*; S. E. Finer, *Vilfredo Pareto*; R. Fletcher, *The Making of*

Sociology; E. A. Gellner, *Thought and Change*; H. H. Gerth and C. W. Mills (Eds.), *From Max Weber; Character and Social Structure*; A. Giddens, *Capitalism and Modern Social Theory*; M. Ginsberg, *Essays in Sociology and Social Philosophy*; E. Goffman, *Asylums; The Presentation of Self in Everyday Life*; S. Lukes, *Emile Durkheim*; D. G. MacRae, *Ideology and Society*; D. Martindale, *The Nature and Types of Sociological Theory*; K. Marx, *The 18th Brumaire of Louis Bonaparte; The Communist Manifesto; The German Ideology* etc.; J. MacKinnay and E. Tiryakian (Eds.), *Theoretical Sociology*; R. K. Merton, *Social Theory and Social Structure*; C. W. Mills, *The Sociological Imagination*; R. A. Nisbet, *The Sociological Tradition*; T. Parsons, *The Structure of Social Action*; J. D. Y. Peel, *Herbert Spencer*; K. R. Popper, *The Poverty of Historicism; Objective Knowledge; The Open Society and Its Enemies*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society*; T. Raison (Ed.), *Founding Fathers of Sociology*; J. Rex, *Key Problems in Sociological Theory*; W. G. Runciman, *Social Science and Political Theory*; A. Schutz, *Phenomenology of the Social World*; M. Weber, *The Theory of Social and Economic Organisation; The Methodology of the Social Sciences* etc.; B. Wilson (Ed.), *Rationality*; P. Winch, *The Idea of a Social Science*; K. Wolff, *The Sociology of Georg Simmel*.

834(a) Classes

Sessional.

For B.Sc. c.u. main fields Soc. 3rd yr., Soc. Anth. 2nd yr.

835 Social Research (Classes)

Miss Tomlinson and others. Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. 1st yr.; B.Sc. (Econ.) Part II.

Note on Social Philosophy Courses

Courses 836-839 are intended principally for students reading sociology, and the main criterion governing content is relevance to sociology. The aim is to give students a general idea of the conceptual and ethical problems which arise in the study of society, so that they will be able to recognize these problems and to relate them both to major philosophies and to their own more concrete work in sociology.

Recommended reading This reading list is not definitive. No student would be expected to read all these books. Every student would be likely to consult a number of sources not listed here. The aim has been to list most of the main books which students may be recommended to read or refer to, with the exception of some obviously relevant works on Sociological Theory which it would be tedious to list here as well as under the course of that name. Articles in journals are not listed: references will be given during the courses. Some main journals in which relevant articles are likely to be found (apart from the standard sociological journals) are: *British Journal for the Philosophy of Science; Ethics; History and Theory; Inquiry; Mind; Philosophical Review; Philosophy; Philosophy of Science; Philosophy and Phenomenological Research; Proceedings of the Aristotelian Society and Ratio*.

(i) **SHORT INTRODUCTORY WORKS:** R. G. Collingwood, *An Autobiography*; A. C. Ewing, *Ethics*; W. K. Frankena, *Ethics*; C. G. Hempel, *Philosophy of Natural Science*; J. D. Mabbott, *An Introduction to Ethics*; J. H. Plumb (Ed.), *Crisis in the Humanities*; J. Wilson, *Thinking with Concepts*.

(ii) **WORKS WRITTEN AS OR USABLE AS TEXTBOOKS:** S. I. Benn and R. S. Peters, *Social Principles and the Democratic State*; C. D. Broad, *Five Types of Ethical Theory*; E. A. Gellner, *Thought and Change*; J. Hospers, *Human Conduct: An*

Introduction to the Problems of Ethics; A. C. MacIntyre, *A Short History of Ethics*.

(iii) **BOOKS OF READINGS:** R. B. Brandt (Ed.), *Social Justice*; D. Braybrooke (Ed.), *Philosophical Problems of the Social Sciences*; M. Brodbeck (Ed.), *Readings in the Philosophy of the Social Sciences*; H. Feigl and M. Brodbeck (Eds.), *Readings in the Philosophy of Science*; P. R. Foot (Ed.), *Theories of Ethics*; S. Hook (Ed.), *Determinism and Freedom in the Age of Modern Science*; T. P. R. Laslett (Ed.), *Philosophy, Politics and Society*; T. P. R. Laslett and W. G. Runciman (Eds.), *Philosophy, Politics and Society (Second Series and Third Series)*; F. A. Olafson (Ed.), *Society, Law and Morality; Readings in Social Philosophy*; W. S. Sellars and J. Hospers (Eds.), *Readings in Ethical Theory*.

(iv) **RECENT COMMENTARIES AND SURVEYS:** P. Corbett, *Ideologies*; M. W. Cranston, *Freedom: A New Analysis*; D. Emmet and A. MacIntyre (Eds.), *Sociological Theory and Philosophical Analysis*; A. P. d'Entrèves, *Natural Law*; E. Fromm, *Sigmund Freud's Mission*; J. P. Plamenatz, *The English Utilitarians*; W. G. Runciman, *Social Science and Political Theory*; H. M. Warnock, *Ethics since 1900*; B. R. Wilson (Ed.), *Rationality*.

(v) **SELECTED STANDARD WORKS:** Aristotle, *The Nicomachean Ethics*; J. Bentham, *An Introduction to the Principles of Morals and Legislation*; J. Butler, *Sermons on Human Nature*; D. Cauter (Ed.), *Essential Writings of Karl Marx*; S. Freud, *Civilisation and Its Discontents*; T. Hobbes, *Leviathan* (Ed. M. J. Oakeshott); D. Hume, *A Treatise of Human Nature, being an attempt to introduce the experimental method of reasoning into moral subjects*; I. Kant, *Groundwork of the Metaphysics of Morals* (Ed. H. J. Paton); K. Marx and F. Engels, *The German Ideology*; J. S. Mill, *Utilitarianism, Liberty and Representative Government*; G. E. Moore, *Principia Ethica*; Plato, *The Republic*.

(vi) **RECENT WORKS:** R. Aron, *The Opium of the Intellectuals*; A. J. Ayer, *Language, Truth and Logic*; P. L. Berger and T. Luckmann, *The Social Construction of Reality*; I. Berlin, *Four Essays on Liberty*; N. Chomsky, *Language and*

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Mind; M. J. Cowling, *Mill and Liberalism*; M. J. Cowling, *The Nature and Limits of Political Science*; B. R. Crick, *In Defence of Politics* (Pelican edn.); A. C. Danto, *Analytical Philosophy of History*; P. A. Devlin, *The Enforcement of Morals*; M. Djilas, *The New Class*; M. M. and A. Edel, *Anthropology and Ethics*; D. Emmet, *Rules, Roles and Relations*; L. S. Feuer, *Psychoanalysis and Ethics*; J. C. Flugel, *Man, Morals and Society*; P. L. Gardiner, *The Nature of Historical Explanation*; M. Ginsberg, *Essays in Sociology and Social Philosophy* (3 vols.); M. Ginsberg, *On Justice in Society*; R. M. Hare, *The Language of Morals*; H. L. A. Hart, *The Concept of Law*; H. L. A. Hart, *Law, Liberty and Morality*; H. L. A. Hart, *The Morality of the Criminal Law*; L. T. Hobhouse, *The Metaphysical Theory of the State*; E. Kamenka, *The Ethical Foundations of Marxism*; E. Kedourie, *Nationalism*; T. S. Kuhn, *The Structure of Scientific Revolutions*; J. Ladd, *The Structure of a Moral Code*; I. Lakatos and A. Musgrave (Eds.), *Criticism and the Growth of Knowledge*; A. Macbeath, *Experiments in Living*; A. C. MacIntyre, *The Unconscious: A Conceptual Analysis*; C. B. Macpherson, *The Political Theory of Possessive Individualism*; H. Marcuse, *One-Dimensional Man*; K. R. Minogue, *The Liberal Mind*; R. E. Money-Kyrle, *Man's Picture of the World*; R. E. Money-Kyrle, *Psychoanalysis and Politics*; M. J. Oakeshott, *Rationalism in Politics and Other Essays*; K. R. Popper, *The Open Society and Its Enemies*; K. R. Popper, *The Poverty of Historicism*; A. N. Prior, *Logic and the Basis of Ethics*; R. M. Tucker, *Myth and Reality in Karl Marx*; C. H. Waddington et al., *Science and Ethics*; P. G. Winch, *The Idea of a Social Science*.

836 Introduction to Social and Moral Philosophy

Mrs Barker. Seventeen lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.; 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; 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 See Note on page 539. Especially: J. Hospers, *An Introduction to Philosophical Analysis*; *Human Conduct*; J. S. Mill, *Utilitarianism*; E. Gellner, *Thought and Change*; A. MacIntyre, *A Short History of Ethics*. Further references will be given during the course.

837 Values and Society

Professor Gellner.

This course will not be given in 1973-74.

Syllabus The course will deal with some of the main types of ethical theory from a sociological as well as a philosophical viewpoint. Specific moral philosophies such as Utilitarianism, Kantianism, or psychological ethics will be examined as specimens of the kinds of reasoning by means of which thinkers have attempted to provide a rationale for a social order or for social reform. Both the internal logical structure and the external social implications of these systems will be considered.

Recommended reading See Note on page 539. Further references for reading will be given during the course.

838 Social Philosophy (Classes)

(a) Fortnightly, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.

(b) Fortnightly, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

(c) Fortnightly, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

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839 Sociology of Ideas

Professor Gellner.

This course will not be given in 1973-74

Syllabus This course will consider some of the main theories of knowledge and examine both their internal logical structure and their role as charters of or guidelines for cognitive practices. The logical merits, mutual relations, and social role of some of the principal modern philosophies will be considered.

Recommended reading See Note on page 539. Further references for reading will be given during the course.

840 Sociology of Knowledge

Dr Swingewood. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.

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.

Recommended reading will be given during the course.

840(a) Sociology of Knowledge (Classes)

Dr Swingewood. Thirteen Classes, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.

841 Sociology of Marxist Ideas and Movements

Dr Swingewood. Ten lectures, Lent Term.

For interested students, especially B.Sc. (Econ.) Part II; B.Sc. main field Soc.

Syllabus Marx's social and political theory; its development in Kautsky, Lenin, Trotsky. The theories of per-

manent revolution, hegemony, class consciousness. Analysis of specific Communist parties in terms of ideology and social structure.

Recommended reading will be given during the course.

842 Sociology of Science

Dr Sklair. Ten lectures, Michaelmas Term.

For B.Sc. c.u. main field Soc.

Syllabus 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.

842(a) Sociology of Science (Classes)

Dr Sklair. Fifteen classes, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.

843 Sociology of Literature

Dr Swingewood. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.

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.

Sociology

843(a) Sociology of Literature (Classes)

Dr Swingewood. Thirteen classes, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.

844 Theories and Methods of Sociology (Class)

Fortnightly, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

845 Environment and Heredity

Professor Glass.

This course will not be given in 1973-74.

Syllabus Elements of human genetics. Difficulties of analysis when graded characters are concerned. The meaning and measurement of "environment". Alternative approaches to the study of the "nature-nurture" complex. Twin and foster-child studies. The use of follow-up inquiries. Specific illustrations of problems of analysis with reference to the trend of intelligence.

Recommended reading Introductory references: L. S. Penrose, *Outline of Human Genetics*; *The Biology of Mental Defect*; C. Stern, *Principles of Human Genetics*; W. C. Boyd, *Genetics and the Races of Man*; J. Sutter, *L'Eugénique*; R. S. Woodworth, *Heredity and Environment*; C. O. Carter, *Human Genetics*; J. M. Smith, *Evolution*; G. de Beer, *Charles Darwin*.

Other references will be given during the course.

846 The Social Structure of Modern Britain

Mr Westergaard, Mr Burrage and Professor McKenzie. Thirty-five lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Soc., Soc. Psych.; B.Sc. S.S. and A.; Dip. Soc. Admin. 2nd yr. and one-yr.

Syllabus Concepts and contemporary issues of stratification; the economic basis of stratification; élites and the distribution of power; social mobility; cultural differences and the relations between classes; the influence of the educational system. Changes in industrial structure, including forms of ownership; 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. Urban concentration and diffusion; land use planning and its social implications.

Communication and mass media.

Recommended reading E. J. Hobsbawm, *Industry and Empire*; H. Perkin, *The Origins of Modern English Society*; R. K. Kelsall, *Population*; J. A. Banks, *Prosperity and Parenthood*; D. V. Glass, "Fertility Trends in Europe since the Second World War" (*Population Studies*, March 1969); O. R. McGregor, *Divorce in England*; C. Rosser and C. Harris, *The Family and Social Change*; W. Ashworth, *The Genesis of Modern British Town Planning*; R. Pahl (Ed.), *Readings in Urban Sociology*; Centre for Urban Studies (Ed.), *London: Aspects of Change*; R. Frankenberg, *Communities in Britain*; M. Stacey, *Tradition and Change*; J. Littlejohn, *Westrigg*; R. Blackburn (Ed.), *Ideology in Social Science*, (e.g. chaps. 7, 8, 9); T. B. Bottomore, *Elites and Society*; G. Routh, *Occupation and Pay in Great Britain, 1906-60*; "The Incidence of Taxes and Social Service Benefits" (*Economic Trends*, February 1970); A. B. Atkinson, *Unequal Shares*; A. Glyn and B. Sutcliffe, *British Capitalism, Workers and the Profits Squeeze*; P. Townsend (Ed.), *The Concept of Poverty*; T. Nichols, *Ownership, Control and Ideology*; Royal Commission on Trade Unions, *Report and Written Evidence of the Ministry of Labour and Research Papers*, Nos. 1, 3 and 6; R. Hyman, *Strikes*; J. Child, *The Business Enterprise in Modern Industrial Society*; R. V. Clements, *Managers*; D. V. Glass, *Social Mobility in Britain*; S. M. Miller, "Comparative Social Mobility" (*Current Sociology*, Vol. IX, No. 1); K. Prandy, *Professional Employees*; R. K.

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Kelsall, *Higher Civil Servants in Britain*; D. Lockwood, *The Blackcoated Worker*; W. G. Runciman, *Relative Deprivation and Social Justice*; J. H. Goldthorpe et al., *The Affluent Worker*; F. Parkin, *Class Inequality and Political Order*; O. Banks, *Parity and Prestige in English Secondary Education*; D. V. Glass, "Education in England" in J. Floud et al. (Eds.), *Education, Economy and Society*; J. W. B. Douglas et al., *All Our Future*; C. Lacey, *Hightown Grammar*; Committee on Higher Education, *Report* (Cmd. 2154); E. Robinson, *The New Polytechnics*; W. Guttsman, *The British Political Elite*; R. T. McKenzie, *British Political Parties*; R. T. McKenzie and A. Silver, *Angels in Marble*; D. Butler and D. Stokes, *Political Change in Britain*; R. Miliband, *The State in Capitalist Society*; J. Blondel, *Voters, Parties and Leaders*; D. McQuail, *Towards a Sociology of Mass Communications*; F. Williams, *Dangerous Estate: the Anatomy of Newspapers*; B. Paulu, *British Broadcasting: Radio and Television in the United Kingdom*; D. A. Martin, *A Sociology of English Religion*; K. Inglis, *Churches and the Working Class in 19th Century England*; B. Wilson, *Religion and Secular Society*; B. Abel-Smith and R. B. Stevens, *Lawyers and the Courts*; M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*; R. Glass, *Newcomers*; S. Zubaida (Ed.) *Race and Racism*; E. J. B. Rose et al., *Colour and Citizenship*.

Additional reading lists will be given for class work.

846(a) The Social Structure of Modern Britain (Classes)

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Soc., Soc. Psych.

847 The Social Structure of the Soviet Union

Dr Weinberg. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.

Syllabus Major aspects of Soviet social structure will be examined in relation to

theoretical 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.

847(a) The Social Structure of the Soviet Union (Classes)

Dr Weinberg. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.

848 Social Change and Development in Contemporary Africa

Dr Peel.

This course will not be given in 1973-74.

Syllabus 1 African countries as national societies compared with other developing countries. Colonialism and its import. Growth of national movements up to independence. Nationalist élites and ideologies. Relations between African countries and industrial nations. 2 Social processes within the nation. Labour migration. Rural transformation: effects of cash-cropping; are African farmers peasants? Religious changes: Christianity, Islam, independency and religious movements. Urbanisation and industrialisation. Entrepreneurs. Trade unions. Is there a proletariat? Politicians and people. Local level politics, political brokerage, parties, corruption. 3 Integration of centre and periphery. Local and national levels of interaction. Tribalism and civil wars. Non-tribal sources of conflict. Elite-masses relations. Are there social classes? Overall directions of change.

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Options, constraints and costs of development strategies.

Recommended reading will be given at the beginning of the course.

849 Industrialisation and Theories of Social Change

Dr Mouzelis and Dr Peel. This course will not be given in 1973-74.

Recommended reading R. M. MacIver, *Social Causation*; M. Ginsberg, *Essays in Sociology and Social Philosophy*, Vol. III; W. L. Wallace (Ed.), *Sociological Theory*; W. W. Rostow, *The Stages of Economic Growth*; G. Hunter, *The New Societies of Tropical Africa*; J. Steward, *Social Evolution*; R. Redfield, *The Primitive World and its Transformations*; S. M. Lipset, *Political Man*; E. and A. Etzioni, *Social Change*; B. F. Hoselitz, *Sociological Aspects of Economic Growth*; N. J. Smelser, *Social Change in the Industrial Revolution*; C. Kerr et al., *Industrialism and Industrial Man*; C. C. Brinton, *The Anatomy of Revolution*; D. C. McClelland, *The Achieving Society*; B. F. Hoselitz and W. E. Moore, *Industrialization and Society*; W. J. Goode, *The Modern Revolution and the Family*; A. de Tocqueville, *Democracy in America*; C. Johnson, *Revolution and the Social System*; G. M. Meier, *Leading Issues in Development Economics*; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; L. Coser, *Men of Ideas*; E. R. Sahlins and M. D. Service, *Evolution and Culture*; T. Parsons, *Societies, Evolutionary Perspectives*; P. A. Sorokin, *Social Philosophies of an Age of Crisis*; B. Moore, *The Social Origins of Dictatorship and Democracy*; R. Bendix, *Nation-Building and Citizenship*; *Work and Authority in Industry*; P. Baran, *The Political Economy of Growth*; A. Guder Frank, *Capitalism and Underdevelopment in Latin America*; C. Veliz (Ed.), *The Policy of Conformity in Latin America*. Further reading will be given at the beginning of the course.

850 Sociology of Religion

Dr M. Hill, Mrs Scharf and Professor Martin. Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.; M.Sc.; Dip. Soc. Anth. 1st yr.

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.

Sociology of Judaism and early Christianity. Religion in developing societies. Religion in advanced industrial societies.

Recommended reading will be given during the course.

850(a) Sociology of Religion (Class)

Dr M. Hill and Mrs Scharf. Michaelmas and Lent Terms.

851 Political Sociology

Professor McKenzie and Mr Crouch. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Soc., Soc. Psych.; B.Sc. Soc. Branch III; 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, 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. The sociology of political instability and change.

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Recommended reading S. M. Lipset, *Political Man*; S. M. Lipset (Ed.), *Politics and the Social Sciences*, E. Nordlinger (Ed.), *Politics and Society*; H. Hyman, *Political Socialization*; W. Mitchell, *Sociological Analysis and Politics*; R. Bendix and S. M. Lipset, *Class, Status and Power* (2nd edn., pp. 201-266); R. Michels, *Political Parties* (Collier edn. with Foreword by S. M. Lipset); S. Eldersveld, *Political Parties*; R. T. McKenzie, *Angels in Marble*; M. Weber, "Politics as a Vocation" and "Bureaucracy" in H. H. Gerth and C. W. Mills (Eds.), *From Max Weber*; R. T. McKenzie, *British Political Parties*; S. Beer, *Modern British Politics*; 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*; 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 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*; *The English Ruling Class*; 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*; R. Rose, *Politics in England*; *Studies in British Politics*; J. Trenaman and D. McQuail, *Television and the Political*

Image; 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*; W. Kornhauser, *The Politics of Mass Society*; S. E. Finer, *Anonymous Empire*; *The Political Quarterly*, January-March, 1958: Special Number on Pressure Groups; M. Harrison, *Trade Unions and the Labour Party since 1945*; D. B. Truman, *The Governmental Process*; L. Trotsky, *The Revolution Betrayed*; M. Fainsod, *How Russia is Ruled*; Barrington Moore, Jr., *Soviet Politics*; I. Deutscher, *The Unfinished Revolution*; G. A. Almond and S. Verba, *The Civic Culture*; L. Pye and S. Verba (Eds.), *Political Culture and Political Development*; I. de S. Pool et al., *Candidates, Issues and Strategies*; E. Allardt and Y. Littonen, *Cleavages, Ideologies and Party Systems*; S. M. Lipset and S. Rokkan, *Party Systems and Voter Alignments*; S. Rokkan, *Citizens, Elections, Parties*; E. Allardt and S. Rokkan (Eds.), *Mass Politics*; Barrington Moore, Jnr., *Social Origins of Dictatorship and Democracy*; P. Nettl, *Political Mobilisation*; C. Johnson, *Revolutionary Change and Revolution and the Social System* (Hoover Institution Studies, No. 3, 1964); N. Smelser, *Theory of Collective Behaviour*; D. Easton and J. Dennis, *Children and the Political System*.

851(a) Political Sociology (Classes)

Classes will be held in connection with course 851.

852 Political Processes and Social Change

Mr Stewart. Twenty-three lectures, Sessional.

For B.Sc. c.u. main field Soc.; M.Sc.

Syllabus The role and nature of political processes in relation to different patterns of social change. Particular attention will be given to the following: structural and cultural factors as obstacles to and determinants of change; agents of change; patterns of political change in relation to modernisation and

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industrialisation; types of political movement; reformism and revolution; continuity and change in post-revolutionary situations.

Recommended reading will be given during the course.

852(a) Political Processes and Social Change (Classes)

Mr Stewart. Twenty classes, Sessional.

For B.Sc. c.u. main field Soc.; M.Sc.

853(i) Industrial Sociology

Mr Burrage, Dr Mouzelis, Dr Hadley, Mr S. Hill and Mr Thurley. Twenty-five lectures. Sessional.

For B.Sc. c.u. main field Soc., Soc. Psych.

Syllabus The relation between industry and other elements of the social system, political, educational, demographic; stratification; industrial relations etc. The internal structure of industrial organizations examined with reference to worker morale, management structure, communication, productivity and other variables.

Recommended reading E. Schneider, *Industrial Sociology*; N. Smelser, *Sociology of Economic Life*; R. Bendix, *Work and Authority in Industry*; G. Friedmann, *Industrial Society*; J. G. Abegglen, *The Japanese Factory*; C. Kerr et al., *Industrialism and Industrial Man*; H. Marcuse, *One-Dimensional Man*; C. R. Walker (Ed.), *Modern Technology and Civilization*; R. Aron, *Eighteen Lectures on Industrial Society*; A. Etzioni, *Complex Organizations*; H. March and H. Simon, *Organizations*; D. Silverman, *The Theory of Organizations*; S. R. Parker et al., *The Sociology of Industry*; S. M. Lipset et al., *Union Democracy*; E. Mayo, *The Social Problems of an Industrial Civilization*; P. M. Blau, *Dynamics of Bureaucracy*; A. Gouldner, *Patterns of Industrial Bureaucracy*; N. Mouzelis, *Organization and Bureaucracy*; T. Burns and G. Stalker, *The Management of Innovation*; M. Crozier, *The Bureaucratic*

Phenomenon; J. Woodward, *Industrial Organization*; H. M. Vollmer and D. L. Mills (Eds.), *Professionalisation*; W. Kornhauser, *Scientists in Industry*; D. Katz et al., *Productivity, Supervision and Morale among Railroad Workers*; L. Baritz, *The Servants of Power*; C. Argyris, *Integrating the Individual and the Organization*; R. Blauner, *Alienation and Freedom*; W. H. Scott et al., *Technical Change and Industrial Relations*; A. Touraine et al., *Workers' Attitudes to Technical Change*; J. H. Goldthorpe et al., *The Affluent Worker*; H. A. Simon, *The Shape of Automation*; T. Caplow, *Sociology of Work*; C. W. Mills, *White Collar*; N. Dennis et al., *Coal is Our Life*; Liverpool University, *The Dockworker*; J. Tunstall, *The Fishermen*; E. Chinoy, *Automobile Worker*; D. Lockwood, *The Blackcoated Worker*.

853(ii) Industrial Sociology (Seminar)

Dr Mouzelis, Dr Hadley and others. Occasional seminars throughout the session.

For B.A./B.Sc. (Soc.) Branch III 3rd yr.; B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc., Soc. Psych.

853(a) Industrial Sociology (Classes)

Twenty classes, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch III 3rd yr.; B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc., Soc. Psych.

854 Criminology

(i) Miss Tomlinson. Seventeen lectures, Michaelmas and Lent Terms.

For B.Sc. main fields Soc. Psych., Soc.; B.Sc. (Econ.) Part II, Optional for Dip. Soc. Admin. incl. overseas option (1st yr. and one-yr.).

(ii) Miss Tomlinson. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Psych., Soc.; B.Sc. (Econ.) Part II; B.A./B.Sc.

Sociology

(Soc.) Branch III 3rd yr. Optional for Dip. Soc. Admin. incl. overseas option (2nd yr. and one-yr.).

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. Note The course is designed to be taken in either one year or in two years. 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.; 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*; V. Aubert (Ed.), *The Sociology of Law*.

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*.

854(a) Criminology (Class)

Miss Tomlinson and Professor T. P. Morris. Twenty classes, Sessional.

For B.Sc. c.u. main field Soc., Soc. Psych. 2nd yr.; B.Sc. (Econ.) Part II.

854(b) Criminology (Class)

Dr Rock. Fortnightly classes, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch III 3rd yr.; B.Sc. (Econ.) Part II.

855 Sociology of Deviant Behaviour

Dr Rock. Ten lectures, Michaelmas Term.

For B.Sc. c.u. main field Soc. Optional for M.Sc.

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.

855(a) Sociology of Deviant Behaviour (Seminar)

Dr Rock. Twenty seminars, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Optional for M.Sc.

*II M.Sc. Sociology
Preliminary Year*

**860(i) Sociological Theory
(Seminar)**

Dr Sklair. Fortnightly, Sessional.

**860(ii) Social Institutions
(Seminar)**

Mr Crouch. Fortnightly, Sessional.

861 Methods of Social Investigation

Mr Westergaard. Sessional.

*III M.Sc. Sociology Final-
Year, and Other Graduate
Courses*

**862 Design and Analysis of Social
Investigations**

Mrs Spitz and Miss Tomlinson.
Sessional.

For M.Sc. 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, *Survey Methods in Social Investigation*; C. Y. Glock (Ed.), *Survey Research in the Social Sciences*; B. S. Phillips, *Social Research: Strategy and Tactics*; S. Payne, *The Art of Asking Questions*; A. N. Oppenheim, *Questionnaire Design and Attitude Measurement*; H. Zeisel, *Say It with Figures*.

**863 Design and Analysis of Social
Investigations: Project Class**

Mr Westergaard

For M.Sc. Arrangements may be made for students to take an alternative option to this.

**864 Social Structure of Industrial
Societies**

Professor Glass and others.

Sessional. This course will include lectures and seminars.

For M.Sc. and other graduate students.

Syllabus Problems of comparative study. Convergence and divergence. Population structure and urbanisation. Urbanisation. Occupational structure and industrial organization. Income and wealth. The nature and objectives of the educational system. Religion and religious institutions. Social stratification and social mobility. Political organization and the structure of power. The course will focus on Britain, France, the U.S.S.R., the U.S.A. and Japan. Reading lists and copies of basic statistical tables will be supplied.

**865 Sociology of Development
(Seminar)**

Dr Mouzelis and Mr Stewart.
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*.

866 Sociology of Education

Mr Hopper. Twenty seminars,
Sessional.

For M.Sc.; M.Phil.

Syllabus Education as a selection and training institution in industrial societies. Education and social control. The influence of social structure upon the forms and content of education. Selected topics based on the interests of the participants of the seminar.

Recommended reading will be given during the course.

**867 Sociology of Deviant
Behaviour (Seminar)**

Professor T. P. Morris, Dr Rock
and Dr D. M. Downes. Sessional.

For M.Sc.

Syllabus and recommended reading will be given at the beginning of the course.

868 Sociology of Religion (Seminar)

Professor D. A. Martin, Mrs
Scharf and Mrs Barker. Sessional.
For M.Sc. and other graduate students.

869 Race Relations (Seminar)

This course will not be given in
1973-74.

**870 Political Change and
Political Development (Seminar)**

Mr Stewart. Lent and Summer
Terms.

For M.Sc. and other graduate students.

**871 Political Sociology: selected
topics (Seminar)**

Professor McKenzie. Occasional
seminars throughout the Session.

For M.Sc. Political Sociology. Optional
for other graduate students.

**872(i) Sociological Theory
(Seminar)**

Professor D. A. Martin and Mrs
Barker. Sessional.

Optional for M.Sc.

872(ii) Sociological Theory

Professor Cohen. Ten lectures,
Lent and Summer Terms.

Optional for M.Sc.

*IV Additional Courses for
Undergraduates and Graduates*

**876 Sociology of Islam (Intercollegiate
Seminar)**

Professor Gellner, Professor I. M.
Lewis and Dr A. Cohen.

This course will not be given in
1973-74.

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877 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.

878 Current Sociological Research (Seminar)

Fortnightly, Sessional.

Optional for M.Phil., Ph.D. and Research Fee students in Sociology.

Students' attention is also drawn to course 713. The Role of the Mass Media.

Statistics, Mathematics, Computing and Operational Research

Statistics, Mathematics, Computing and Operational Research

900) Basic Mathematics Class
Twenty classes, Sessional, beginning in the third week of the Michaelmas Term.

901) Calculus
Professor Beck, Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Hons.) Part I and II. B.Sc. (Hons.) Maths. (Hons.) Part I, Comp. (Hons.) Class.

902) Calculus Class
Twenty classes, Michaelmas and Lent Terms.

903) Introduction to Analysis and Set Theory
Dr Brewster, Fifty lectures, Sessional.
For B.Sc. (Hons.) Part I and II. B.Sc. (Hons.) Maths. (Hons.) Part I, Comp. (Hons.) Maths. and Phys. (Hons.) Class.

904) Linear Algebra Class
Twenty classes, Sessional, beginning in the third week of the Michaelmas Term.

905) Introduction to Probability
Twenty classes, Sessional, beginning in the third week of the Michaelmas Term.

906) Probability and Statistics
Twenty classes, Sessional, beginning in the third week of the Michaelmas Term.

907) Introduction to Operations Research
Twenty classes, Sessional, beginning in the third week of the Michaelmas Term.

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Statistics, Mathematics, Computing and Operational Research

(a) MATHEMATICS

900 Basic Mathematics

Lecturer to be announced. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main field Geog.
Open to others needing an introduction to modern algebra and the calculus; no specific knowledge of elementary mathematics is assumed.

Syllabus Concepts of sets, groups and fields. Introduction to vectors, matrices and complex numbers. Functions, mappings and transformations. Derivatives, integrals and expansions of functions of one variable. Exponential, logarithmic and circular functions.

Recommended reading I. Adler, *The New Mathematics*; R. G. D. Allen, *Basic Mathematics*; G. H. Hardy, *Pure Mathematics*; W. W. Sawyer, *Mathematician's Delight*; *Prelude to Mathematics* (Pelican Books); C. J. Tranter, *Advanced Level Pure Mathematics*.

FURTHER READING: M. E. Yaari, *Linear Algebra for Social Sciences*; J. G. Kemeny, J. L. Snell and G. L. Thompson, *Introduction to Finite Mathematics*; E. A. Maxwell, *An Analytical Calculus*.

900(a) Basic Mathematics Class

Dr Knott and Dr C. S. Smith.
Weekly classes, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main field Geog.

900(b) Introduction to Modern Mathematics Class

Lent Term

For B.Sc. (Econ.) Part II.

901 Linear Algebra

Professor Beck. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths. 1st yr., Stats. 1st yr., Comp. 1st yr., Maths and Phil. 1st yr., Geog.

Syllabus Vector space with particular reference to n-dimensional Euclidean space and n-dimensional geometry. Linear transformations, matrices, determinants and the solution of systems of linear equations. Eigenvalues and quadratic forms.

Recommended reading D. T. Finkbeiner, *Elements of Linear Algebra*; C. W. Curtis, *Linear Algebra*.

FURTHER READING: G. E. Shilov, *Introduction to the Theory of Linear Spaces*.

901(a) Linear Algebra Class

Twenty classes, Sessional, beginning in the third week of the Michaelmas Term.

902 Calculus

Professor Beck. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Parts I and II, B.Sc. c.u. main fields Stats. 1st yr., Comp. 1st yr., Geog.

Syllabus Techniques in the calculus of functions of several variables.

902(a) Calculus Class

Twenty classes, Michaelmas and Lent Terms.

903 Introduction to Analysis and Set Theory

Dr Binmore. Fifty lectures, Sessional.

For B.Sc. (Econ.) Parts I and II, B.Sc. c.u. main fields Maths. 1st yr., Stats. 1st yr., Comp. 1st yr., Maths. and Phil. 1st yr., Geog.

Syllabus Elementary set theory. The real number system. Convergence and continuity. Differentiation and integration. Point set topology. Analysis in finite dimensional spaces.

Statistics, Mathematics, Computing and Operational Research

Recommended reading J. C. Burkill, *An Introduction to Mathematical Analysis*; D. A. Quadling, *Mathematical Analysis*.

903(a) Introduction to Analysis and Set Theory Class

Dr Binmore and others.
Twenty-five classes, Sessional, beginning in the second week of the Michaelmas Term.

904 Introduction to Abstract Algebra

Dr Freedman. Twenty-five lectures, Sessional.
For B.Sc. c.u. main fields Maths. 1st yr., Maths. and Phil. 1st yr.
Syllabus Sets and mappings. Integers. Integral domains. Quotient fields. Polynomials. Euclidean rings. Elementary group theory.

904(a) Introduction to Abstract Algebra Class

Dr Freedman. Twenty classes, Sessional, beginning in the third week of the Michaelmas Term.

905 Real Variable I

Dr R. A. Holmes and Dr Boardman. Sessional.
For B.Sc. c.u. main field Maths. 2nd yr.
Syllabus Measure and integration theory. Classical function spaces.

905(a) Real Variable I Class

Dr R. A. Holmes and Dr Boardman. Twenty-five classes, Sessional.

906 Introduction to Topology

Dr Bell. Twenty-five lectures, Sessional.
For B.Sc. c.u. main field Maths. 2nd yr.; B.Sc. (Econ.) Part II; M.Sc. prelim. and final yrs.

Syllabus Topological spaces. Continuous functions. Metric spaces. Applications in linear spaces.

906(a) Introduction to Topology Class

Dr Bell. Twenty-five classes, Sessional.

907 Algebra II

Dr Freedman. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. c.u. main field Maths. 2nd yr.
Syllabus Rings. Unique factorisation and principal ideal domains. Finitely generated modules over a principal ideal domain. Applications to abelian groups and matrices.

907(a) Algebra II Class

Dr Freedman. Twenty classes, Sessional, beginning in the second week of the Michaelmas Term.

908 Complex Variable

Dr Boardman. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. c.u. main field Maths. 2nd yr.
Syllabus Point set topology. Functions of a complex variable. Integration along rectifiable curves. Cauchy's theorem for a triangle. Bilinear and other elementary transformations. Power series. Taylor and Laurent expansion. Calculus of residues. The Maximum Principle.

908(a) Complex Variable Second-Year Class

Dr Boardman. Twenty classes, Sessional.

909 Theory of Probability

Dr R. A. Holmes. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. c.u. main field Maths. 3rd yr.
Syllabus Measure theory and integration.

Statistics, Mathematics, Computing and Operational Research

Probability measures. Random variables, distribution and characteristic functions. Convergence of sequences of distribution functions and their application to convergence theorems for sums of independent random variables.

909(a) Theory of Probability Third-Year Class

Dr R. A. Holmes.

910 Functional Analysis

Dr Binmore. Twenty-five lectures, Sessional.
For B.Sc. c.u. main field Maths. 3rd yr.
Syllabus Banach Space. Hilbert Space. Applications.

910(a) Functional Analysis Class

Dr Binmore. Twenty-five classes, Sessional.

911 Algebra III

Dr. Freedman. Twenty-six lectures, Sessional.
For B.Sc. c.u. main field Maths. 3rd yr.
Syllabus Rings and modules. Selected topics on commutative rings. Injectivity and related concepts. Introduction to homological algebra.

911(a) Algebra III Class

Fifteen classes.

912 Mathematics A

Mr Shorrocks. Forty-three lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Stats.

Syllabus Sets, functions, vectors and vector spaces. Matrix algebra. Sequences, series. Partial differentiation, Taylor series. Stationary values, Lagrange multiplier. Complex numbers. Integral calculus. Difference and differential equations.

Recommended reading G. Hadley, *Linear Algebra*; T. Yamane, *Mathematics for*

Economists; S. Glaister, *Mathematical Methods for Economists*; R. Courant and F. John, *Introduction to Calculus and Analysis*, Vol. I.

912(a) Mathematics A Class

912(b) Mathematics A Revision Class

Lent Term.
For B.Sc. (Econ.) Part II.

913 Mathematics B

Dr Binmore, Dr R. A. Holmes, Dr Boardman, and Dr Knott. Sixty lectures, Sessional.
For B.Sc. (Econ.) Part II; Dip. Stats.; M.Sc.

Syllabus Topics chosen from: Partial differentiation. Integration (especially multiple integration). Matrix Analysis. Differential and difference equations. Fourier series, complex variable etc. Convexity (finite dimensional spaces) (The content of "Algebra and Methods of Analysis" will be assumed.)

913(a) Mathematics B Class

Dr Binmore, Dr R. A. Holmes, Dr Boardman, Dr Knott and others. Twenty-five hours, Sessional.

913(b) Mathematics B Revision Class

Dr Binmore, Dr R. A. Holmes, Dr Boardman, Dr Knott and others. Lent Term.

914 Introduction to Sets and Metric Spaces: Theory

Mr Foldes. Twenty lectures of one-and-a-half hours, Michaelmas Term.
For M.Sc.: *Advanced Mathematical Economics I and II*.

First three weeks only for M.Sc :
Theory of Optimal Decisions.

Syllabus Elementary properties of sets, relations and functions. Equivalence and ordering relations. Cardinal numbers. Metrics, open and closed sets, limits, continuity. Compact and connected sets in metric spaces. Linear and affine spaces, subspaces and functions. Inner products and norms. Convex sets. Separating hyperplanes. Simplexes. Fixed points.

Recommended reading Basic reading: On sets and relations: R. R. Stoll, *Sets, Logic and Axiomatic Theories*, chap. 1. or P. R. Halmos, *Naive Set Theory*. Main text: H. Nikaïdo, *Introduction to Sets and Mappings in Modern Economics*.

915 Mathematics for Mathematical Economics

Lecturer to be announced. Ten lectures, Michaelmas Term.

For M.Sc.

Syllabus Properties of non-negative matrices, stability of difference and differential equations systems, Lyapounov functions, Kuhn-Tucker theorem, Pontryagin optimal theory. Economic applications.

Recommended reading H. W. Kuhn and A. W. Tucker, *Second Berkeley Symposium on Mathematical Statistics and Probability*; F. R. Gantmacher, *Applications of the Theory of Matrices*; K. Lancaster, *Mathematical Economics*; J. Bram and T. L. Seaty, *Non-Linear Mathematics*.

Reference should also be made to the following courses:

494(i) Boolean Algebras

494(ii) Model Theory

494(iii) Axiomatic Set Theory

(b) STATISTICAL THEORY AND METHOD

916 Elements of Statistical Methods

Mr O'Muircheartaigh and Dr Reid. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Soc. Anth., Geog.; M.Sc. prelim. and final yrs.

Syllabus Elementary mathematics and various descriptive and analytic statistical techniques: measures of average and dispersion; distributions; tests of hypotheses concerning means, proportions and association; regression and correlation.

Recommended reading N. M. Downie and R. W. Heath, *Basic Statistical Methods*; R. G. D. Allen, *Statistics for Economists*; A. R. Ilersic, *Statistics*; J. E. Freund and F. J. Williams, *Modern Business Statistics*; B. C. Brookes, and W. F. L. Dick, *Introduction to Statistical Method*; M. R. Spiegel, *Schaum's Outline Series, Statistics*.

916(a) Elements of Statistical Methods Class

Class teachers to be announced. Twelve classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Parts I and II and M.Sc. :
Quantitative Methods for Economists.

916(b) Elements of Statistical Methods Class

Mr O'Muircheartaigh, Dr Reid and others. Twenty classes, Sessional.

For B.Sc. (Econ.) Parts I and II; *Elements of Statistical Methods*; B.Sc. c.u. main fields Geog., Soc. Anth. 2nd yr. M.Sc. final yr.

917 Survey Methods for Social Research

Dr Phillips. Five lectures, Michaelmas Term and five lectures, Summer Term.

(i) First five lectures for B.Sc. c.u. main field Soc. 1st yr.; Dip. Personnel Management.

Syllabus Sample survey techniques.

(ii) Whole course for B.Sc. (Econ.) Parts I and II; B.Sc. S.S. and A. 1st yr.; Dip. Soc. Admin. 2nd and one-yr. incl. Overseas Option; B.Sc. c.u. main fields Soc. Anth. 2nd yr., Geog.; M.Sc. prelim. and final yrs. Recommended for graduate students.

Syllabus Problems associated with the planning and execution of statistical investigations by sample survey techniques with case study illustrations.

Recommended reading F. Yates, *Sampling Methods for Censuses and Surveys*; B. S. Rowntree, *Poverty and Progress*; *New Survey of London Life and Labour*; M. A. Abrams, *Social Surveys and Social Action*; P. Gray and T. Corlett, "Sampling for the Social Survey" (*Journal of the Royal Statistical Society*, 1950); C. Selltitz and others, *Research Methods in Social Relations*; L. Festinger and D. Katz (Eds.), *Research Methods in the Behavioural Sciences*; H. H. Hyman and others, *Interviewing in Social Research*; H. H. Hyman, *Survey Design and Analysis*; C. A. Moser and G. Kalton, *Survey Methods in Social Investigation*; F. Edwards (Ed.), *Readings in Market Research*; A. Bradford Hill, *Statistical Methods in Clinical and Preventive Medicine*.

917(a) Survey Methods for Social Research Class

Dr Phillips, Mrs Spitz and others. Five fortnightly classes, Lent Term.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Geog., Soc. Anth. 2nd yr.; M.Sc.

918 Statistical Methods for Social Research

Professor Bartholomew. Twenty-three lectures, Sessional.

First eighteen lectures for B.Sc. c.u. main field Soc. 1st yr.; B.Sc. (Econ.) Part II; Dip. Personnel Management; M.Sc. prelim. yr.

Whole course for B.Sc. c.u. main field Soc. Psych. 1st yr.; B.Sc. S.S. and A. 1st yr.; Dip. Soc. Admin. 1st yr. and one-yr. incl. Overseas Option.

Syllabus Measurement and observation, elements of descriptive statistics. Elementary probability. Sampling distributions, elements of statistical inference, estimation and hypothesis testing. Two-variable correlation and regression. Association in contingency tables. Elementary non-parametric techniques. One-way analysis of variance. Sampling from finite populations.

Recommended reading H. M. Blalock, *Social Statistics*; W. A. Wallis and H. V. Roberts, *Statistics, a New Approach*; G. Kalton, *Introduction to Statistical Ideas for the Social Scientist*; D. J. Bartholomew and E. E. Bassett, *Let's Look at the Figures*; D. Huff, *How to Lie with Statistics*; R. M. Cormack, *The Statistical Argument*; W. Reichmann, *The Uses and Abuses of Statistics*; W. Liebermann, *Contemporary Problems in Statistics*.

918(a) Statistical Methods for Social Research Class

Mr Fielding, Professor Bartholomew, Dr Phillips and Mrs Spitz. Twenty or twenty-five classes.

919 Introductory Practical Statistics

Mr Webster. Twenty lectures, Michaelmas and Lent Terms.

For Trade Union Studies course.

Recommended reading R. Langley, *Practical Statistics for Non-Mathematical People*; C. A. Moser, *Survey Methods in Social Investigation*.

920 Elementary Statistical Theory
Dr Wallis. Thirty-five lectures,
Sessional.

For B.Sc. (Econ.) Parts I and II;
B.Sc. c.u. main fields Maths. 1st yr.;
Stats. 1st yr., Comp. 1st yr., Geog.

Syllabus Descriptive statistics. Probability
and distribution theory. Sampling.
Estimation and tests of hypotheses.
Statistical relationship. Time series.

Recommended reading INTRODUCTORY:
P. G. Hoel, *Elementary Statistics*.
GENERAL: J. E. Freund, *Modern
Elementary Statistics*; R. E. Walpole,
Introduction to Statistics; R. J. and T. H.
Wonnacott, *Introductory Statistics*.
Further references will be given during
the course.

**920(a) Elementary Statistical
Theory Class**
Dr Wallis and others. Weekly
classes, Sessional.

**921 Elements of Statistical Theory
and Methods Revision Class**
Dr Reid. Eight classes, Lent Term,
beginning in the third week.

For B.Sc. (Econ.) Part II.

922 Elements of Probability
Dr Reid. Ten lectures, Michaelmas
Term.

For B.Sc. (Econ.) Part II; M.Sc. final yr.
Syllabus Definitions and rules of
probability; Bayes theorem; random
variables and expectation; discrete and
continuous distributions; simple
stochastic processes.

Recommended reading G. B. Wetherill,
Elementary Statistical Methods; W. L.
L'Esperance, *Modern Statistics for
Business and Economics*; J. G. Kemeny,
J. L. Snell and G. L. Thompson,
Introduction to Finite Mathematics; T. H.
Wonnacott and R. J. Wonnacott,
Introductory Statistics.

**922(a) Elements of Probability
Class**
Dr Reid and others. Nine classes,
Michaelmas Term.

**923 Probability and Distribution
Theory**
Mr Hajnal and Dr Milne. Thirty-
five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. Main
field Maths.

Syllabus Sample spaces. Definitions and
rules of probability. Conditional prob-
ability. 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 J. R. Gray,
Probability; P. G. Hoel, *Introduction
to Mathematical Statistics*; R. V. Hogg
and A. T. Craig, *Introduction to
Mathematical Statistics*; W. Feller, *An
Introduction to Probability Theory and its
Applications* (Vol. 1); M. G. Kendall and
A. Stuart, *The Advanced Theory of
Statistics*, Vol. 1.

**923(a) Probability and
Distribution Theory Class**
Mr Hajnal and Dr Milne. Twenty
classes, Sessional.

924 Estimation and Tests
Professor Durbin. Ten lectures,
Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main
field Maths.; Dip. Stats.

Syllabus Criteria of estimation:
consistency, unbiasedness, efficiency,

minimum variance. Sufficiency. Maximum
likelihood estimation and its properties.
Confidence intervals. The theory of tests
of hypotheses.

Recommended reading R. V. Hogg and
A. T. Craig, *Introduction to Mathematical
Statistics* (3rd edn.); D. V. Lindley,
*Introduction to Probability and
Statistics from a Bayesian Viewpoint*,
Vols. I and II; M. G. Kendall and
A. Stuart, *The Advanced Theory of
Statistics*, Vol. II (chaps. 17, 18, 22).

924(a) Estimation and Tests Class
Professor Durbin. Five classes,
Lent and Summer Terms.

925 Statistical Methods (Second Year)
Dr Knott. Twenty lectures,
Sessional.

For B.Sc. (Econ.) Part II; B.Sc.
c.u. main field Maths. 2nd yr.

Syllabus Simple linear regression, multiple
linear regression, curvilinear regression,
general theory of the linear model.
Analysis of variance for the one-way
classification. Multiple comparisons, the
two-way cross-classification, nested
classification, the Latin square.

Recommended reading N. R. Draper and
H. Smith, *Applied Regression Analysis*;
M. G. Kendall and A. Stuart, *The
Advanced Theory of Statistics*, Vol. II.

**925(a) Statistical Methods Class
(Second Year)**
Dr Knott. Fortnightly classes,
Sessional.

**926 Theory of Statistical Methods
(Third Year)**
Professor Bartholomew. Fifteen
lectures, Michaelmas and Lent
Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u.
main fields Maths. 3rd yr.

Syllabus Further theory of regression and
analysis of variance, analysis of

covariance. Contingency tables. Topics
in experimental design. Distribution-free
methods.

Recommended reading K. A. Brownlee,
*Statistical Theory and Methodology on
Science and Engineering*; M. G. Kendall
and A. Stuart, *The Advanced Theory of
Statistics*, Vols. II and III; H. Scheffé,
The Analysis of Variance.

**926(a) Theory of Statistical
Methods Class (Third Year)**
Professor Bartholomew and Miss
S. A. Brown. Fifteen classes,
Michaelmas and Lent Terms.

927 Sample Survey Theory
Mr O'Muircheartaigh. Ten lectures,
Michaelmas Term.

For Dip. Stats.; B.Sc. (Econ.) Part II;
B.Sc. c.u. main field Maths. 3rd yr.
Optional for M.Sc.
Further treatment of sample survey theory
is provided in Course 966.

Syllabus Simple random sampling;
stratification; multi-stage sampling.
Optimum allocation for given cost
function. Selection with unequal
probabilities.

Recommended reading W. G. Cochran,
Sampling Techniques; L. Kish, *Survey
Sampling*; M. H. Hansen, W. N. Hurwitz
and W. G. Madow, *Sample Survey
Methods and Theory*; F. Yates, *Sampling
Methods for Censuses and Surveys*;
A. Stuart, *Basic Ideas of Scientific
Sampling*; M. R. Sampford, *An
Introduction to Sampling Theory*.

928 Sample Survey Applications
Mrs Spitz and Mr O'Muircheartaigh.
Ten lectures, Lent and Summer
Terms.

For Dip. Stats.; B.Sc. (Econ.) Part II;
B.Sc. c.u. main field Maths. 3rd yr.

929 Probability and Statistical Theory: Problems Class (Third Year)
Professor Stuart and others.
Thirteen classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. 3rd yr.

(c) APPLIED STATISTICS

930 Macro-Economic Statistics
Professor Sir Roy Allen and Mrs Prais. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; Dip. Stats.; graduate students by permission.

Syllabus An introduction to the main sources of macro-economic statistics. National income accounting: conceptual framework and methods of estimation. Elementary statistical techniques applied in the analysis of macro-economic data. Construction and estimation of simple econometric models.

Recommended reading E. Devons, *An Introduction to British Economic Statistics*; U.K. Central Statistical Office, *New Contributions to Economic Statistics*; *Economic Trends* (monthly); *National Income and Expenditure* (annual); *United Kingdom Balance of Payments* (annual); *National Accounts Statistics, Sources and Methods* (1968 edn); W. Beckerman, *An Introduction to National Income Analysis*; R. J. Nicholson, *Economic Statistics and Economic Problems*; R. G. D. Allen, *Statistics for Economists*; A. A. Walters, *An Introduction to Econometrics*; D. B. Suits, *Statistics, An Introduction to Quantitative Economic Research*.

930(a) Macro-Economic Statistics Classes
Sessional, beginning in the fifth week of the Michaelmas Term.

930(b) Economic Statistics Revision Class

Mrs Prais. Six classes, Lent Term, beginning in the fifth week.

For B.Sc. (Econ.) Part II.

931 International Trade and the Balance of Payments

Professor Sir Roy Allen. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II; Dip. Stats.

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.

932 Econometric Theory

Dr Hendry and Dr Wallis. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. 3rd yr., M.Sc. prelim. yr.; Dip. Stats.

Syllabus Multiple regression, generalised least squares, linear stochastic models and identification, two and three stage least squares, limited and full information maximum likelihood estimates.

Recommended reading J. Johnston, *Econometric Methods*; A. Goldberger, *Econometric Theory*; E. Malinvaud, *Statistical Methods of Econometrics*.

932(a) Econometric Theory Classes

Twenty Classes.

933 Survey Methodology

Mrs Spitz. Fourteen hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. 3rd yr., Dip. Stats.

933(a) Survey Methodology Class

Mrs Spitz. Seven hours, Michaelmas and Lent Terms.

934 Social Statistics

Dr Phillips and Professor Bartholomew. Twenty hours, Michaelmas and Lent Terms, beginning in the eighth week of the Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. 3rd yr.; Dip. Stats.

935 Compound Interest

Mr Carrier. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. 2nd yr.; M.Sc. prelim. and final yrs.

Syllabus An introduction to the annuity certain, valuation of redeemable securities, sinking funds; the determination of interest rates in given transactions and continuous growth.

Recommended reading D. W. A. Donald, *Compound Interest and Annuities Certain*; W. L. Hart, *Mathematics of Investment*.

936 Actuarial Statistics I

Mr Dyson. Twenty-five hours, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. 2nd yr.

Syllabus Further compound interest. Exposed to risk formulae and the construction of life tables. Theory of multiple decrements. Construction of select mortality and multiple decrement tables.

Recommended reading A. H. Pollard, *An Introduction to the Mathematics of Finance*; D. W. A. Donald, *Compound Interest and Annuities Certain*; B. Benjamin and H. W. Haycocks, *The Analysis of Mortality and Other Actuarial Statistics*.

937 Actuarial Statistics II

Mr Dyson. Twenty hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. 3rd yr.

Syllabus Further compound interest. Comparison of mortality and other experiences. Graduation. English life and other standard mortality tables. Marriage and fertility rates. Population projections. Applications to non-life insurance. Students will be expected to have attended Course 936.

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) 1961; Preface to the a(55) Tables for Annuitants; P. R. Cox, *Demography*.

937(a) Actuarial Statistics II, Classes

Five hours, Summer Term.

Optional for B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths.

(d) COMPUTING

938 Computer Appreciation

Professor Douglas and others. Ten lectures, Lent Term.

For B.Sc. c.u. main fields Maths. 1st yr., Stats. 1st yr., Comp. 1st yr.

Syllabus An introduction to computers and computer applications. Computers and the social sciences.

938(a) Computer Appreciation Class

Professor Douglas and others. Ten classes, Lent Term.

939 Introduction to Computers: Basic Concepts

Mr F. F. Land. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats 1st yr., Comp. 1st yr.; M.Sc. prelim. and final yrs.

Syllabus Input and output devices, central processing unit, backing store, software, survey of applications.

Recommended reading C. O. Elliot and R. S. Wasley, *Business Information Processing Systems*; A. Daniels and D. Yeates, *Basic Training in Systems Analysis*; T. E. Hull, *Introduction to Computing*; S. H. Hollingdale and G. C. Tootill, *Electronic Computers*; R. W. Brightman, B. J. Luskin and T. Tilton, *Data Processing for Decision-Making*.

939(a) Introduction to Computers: Basic Concepts, Undergraduate Class

Mr F. F. Land. Five classes, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths., Stats 1st yr., Comp. 1st yr.

939(b) Introduction to Computers: Basic Concepts, Graduate Class

Mr F. F. Land. Five classes, Michaelmas Term.

For M.Sc. prelim. and final yrs.

940 Introduction to Computing

Mr Waters. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths.; M.Sc. This course is a continuation of Course 939.

Syllabus Computer hardware; central processing unit and peripheral devices. Computer software; operating systems, programming languages (including study of COBOL), utilities and packages. Methodology of programming; problem formulation and specification (including flowcharts and decision tables), coding, testing and debugging.

Recommended reading T. E. Hull, *Introduction to Computing*; A. I. Forsythe T. A. Keenan, E. I. Organick and W. Stenberg, *Computer Science*; D. D. McCracken, *A Guide to COBOL Programming*.

940(a) Introduction to Computing

Mr Waters. Twenty-five classes, Sessional.

941 Fortran IV

Miss S. A. Brown. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. Maths. Stats. 1st yr., Comp. 1st yr.

Other students wishing to attend a Fortran course should attend Course 942 (a), (b) or (c) and not this course.

Syllabus The syntax of the Fortran IV programming language.

Recommended reading D. D. McCracken, *A Guide to Fortran IV Programming*.

941(a) Fortran IV Class

Miss S. A. Brown. Ten classes, Michaelmas Term.

942 Fortran Programming (General)

Miss S. A. Brown, Miss Hewlett, Mrs S. Jones, Mr Chastney, Mr F. F. Land, Mr Wakeford and others.

A basic course will be given several times during the session.

(a) Course lasting seven to eight days. Christmas vacation.

(b) Course lasting seven to eight days. Easter vacation.

(c) One or two courses lasting seven to eight days. Summer.

Recommended reading D. D. McCracken, *A Guide to Fortran IV Programming*.

943 Introduction to a Systems Life Cycle

Mr F. F. Land. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats. 1st yr., Comp. 1st yr. M.Sc. prelim. and final yrs.; Dip. Personnel Management.

Syllabus Identification and description of problem. Feasibility studies. Analysis and design of computer based systems. Specification. Programming and implementation. Maintenance and development.

Recommended reading H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications*.

943(a) Introduction to a Systems Life Cycle, Undergraduate Class

Mr F. F. Land. Five classes, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats. 1st yr., Comp. 1st yr.

943(b) Introduction to a Systems Life Cycle, Graduate Class

Mr F. F. Land. Five classes, Michaelmas Term.

For M.Sc.; Dip. Personnel Management.

944 Computer Applications,

Mr Waters and others. Twenty-five lectures, Sessional.

Whole course for B.Sc. (Econ.) Part II.

Michaelmas Term only for M.Sc.

Syllabus Computer applications in software, commerce, production and administration.

945 Computing Practical Class

Mr Waters and others. Twenty-five classes. Sessional.

For B.Sc. (Econ.) Part II.

946 Data Processing Methods

Mr F. F. Land. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. 3rd yr.; M.Sc.

Syllabus Data capture and data transmission. System protection and error recovery. Coding systems.

Recommended reading R. H. Gregory and R. L. Van Horn, *Business Data Processing and Programming*; H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications*; A. Daniels and D. Yeates, *Basic Training in Systems Analysis*; R. R. Arnold, H. C. Hill and A. V. Nichols, *Introduction to Data Processing*; H. D. Clifton, *Systems Analysis for Business Data Processing*.

946(a) Data Processing Methods Undergraduate Class

Mr F. F. Land. Five classes, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths.

946(b) Data Processing Methods Graduate Class

Mr F. F. Land. Five classes, Lent Term.

For M.Sc.

947 Systems Analysis Methodology

Mr F. F. Land and Mr Stamper. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. 3rd yr.; M.Sc.

Syllabus Analysis and synthesis of information systems. Description of systems and complex procedures. Evaluation, implementation and maintenance of systems incorporating computers. Solution to the programming problem: high level languages, application packages, generalised programs, data base management systems, modular programming, computer utilities, data banks. Integrated

and comprehensive systems. Automatic evaluation methods (SCERT).

Recommended reading R. Stamper, *Information*; H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications*; H. D. Clifton, *Systems Analysis for Business Data Processing*; A. Chandos, J. Graham and R. Williamson, *Practical Systems Analysis*; A. D. Hall, *A Methodology for Systems Engineering*; W. T. Singleton, *Current Trends Towards Systems Designs*; C. B. Randall and S. W. Burgly, *Systems and Procedure for Business Data Processing*; R. W. Brightman, B. J. Luskin, T. Tilton, *Data Processing for Decision-Making*; Roger Gupta, *Electronic Information Processing*; D. H. Brandon, *Management Standards for Data Processing*; J. Dearden, F. W. McFarlan and W. M. Zani, *Management Information Systems*; D. H. Li, *Accounting, Computers, Management Information Systems*; Codasyl Systems Committee, *A Survey of Generalised Data Base Management Systems (Technical Report, May 1969)*.

947(a) Systems Analysis Methodology Undergraduate Class
Mr F. F. Land and others. Ten classes, Michaelmas and Lent Terms.

947(b) Systems Analysis Methodology Graduate Class
Mr F. F. Land and others. Ten classes, Michaelmas and Lent Terms.

948 Computer Systems Design
Mr Waters. Ten lectures, Lent Term.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths.; M.Sc.

Syllabus Methodology of designing program and file organizations for batch and real-time systems.

Recommended reading H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications*; D. D. McCracken *A Guide to COBOL Programming*; J. Martin, *Design of Real-Time Computer*

Systems; S. J. Waters, *Elements of Computer Systems Design*.

948(a) Computer Systems Design Undergraduate Class
Mr Waters. Ten classes, Lent Term.

948(b) Computer Systems Design Graduate Class
Mr Waters. Ten classes, Lent Term.

949(i) Numerical Methods, Second Year
Professor Douglas. Twenty lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. 2nd yr.

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.

Note It will be assumed that students have attended Course 942.

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*.

949(i)(a) Numerical Methods, Second-Year Class
Lecturer to be announced. Ten classes, Lent and Summer Terms.

949(ii) Numerical Methods, Third Year
Professor Douglas. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. 3rd yr.
Syllabus See Course 949(i).

949(ii)(a) Numerical Methods, Third-Year Class
Lecturer to be announced. Twenty classes, Michaelmas and Lent Terms.

(e) OPERATIONAL RESEARCH

950 Elements of Management Mathematics
Mr Rosenhead and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.; M.Sc.

Syllabus An introduction to mathematical techniques applied to problems of decision-making in business and industry. Topics treated will include: vectors and matrices, linear programming, game theory, critical path analysis, 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*.

950(a) Elements of Management Mathematics Class
Class teachers to be announced. Twenty classes, Michaelmas and Lent Terms.

951 Operational Research Techniques
Mr Pane.

(i) Fifteen lectures, Michaelmas and Lent Terms.

(ii) Ten lectures, Lent and Summer Terms. For Dip. Stats.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. 3rd yr.; Dip. Stats.

Syllabus Inventory control. Scheduling. Queuing theory. Dynamic programming. Simulation.

Recommended reading M. Sasieni, A. Yaspan and L. Friedman, *Operations Research*; R. L. Ackoff and M. Sasieni, *Fundamentals of Operations Research*; D. R. Cox and W. L. Smith, *Queues*; R. E. Bellman and S. E. Dreyfus, *Applied Dynamic Programming*.

951(a) Operational Research Techniques, Third-Year Class
Class teacher to be announced. Fifteen classes, Michaelmas and Lent Terms.

952 Mathematical Programming
Dr A. H. Land. Fifteen lectures, Michaelmas and Lent Terms.

Whole course for B.Sc. (Econ.) Part II: *Management Mathematics*; B.Sc. c.u. main field Maths. 3rd yr.; Dip. Stats.

First ten lectures optional for B.Sc. (Econ.) Part II: *Economics treated Mathematically*.

Syllabus The first ten lectures of this course are intended to acquaint students with the formulation of mathematical programming problems and the properties of their solutions, and to draw attention to their relationship to economic theory. The remaining five lectures will be concerned with the formulation of special problems. A familiarity with simple matrix algebra will be assumed.

Recommended reading G. Hadley, *Linear Programming*; S. Vajda, *Readings in Linear Programming*; *An Introduction to Linear Programming and the Theory of Games*; R. Dorfman, P. A. Samuelson and R. M. Solow, *Linear Programming and*

Economic Analysis; K. E. Boulding and W. A. Spivey, *Linear Programming and the Theory of the Firm*.

952(a) Mathematical Programming Class

Dr A. H. Land and others.
Fifteen classes, Michaelmas and Lent Terms.

(f) GRADUATE COURSES (STATISTICS)

953 Advanced Probability and Stochastic Processes

Mr Hajnal and Dr Milne. Thirty-eight hours, Sessional.

For M.Sc.

954 Markov Chains and Related Topics

Mr Hajnal. Twelve lectures, Lent and Summer Terms.

For M.Sc.

Syllabus Markov chains with finite number of states in discrete and continuous time. Poisson process.

954(a) Markov Chains and Related Topics

Mr Hajnal. Ten classes, Lent and Summer Terms.

955 Further Distribution Theory

Professor Durbin and Professor Stuart. Ten lectures, Lent and Summer Terms.

For M.Sc.

Syllabus Distribution theory of quadratic forms in normally distributed random variables. Selected topics in the theory of order-statistics. Non-central χ^2 and F distributions. The sample distribution function.

Recommended reading M. G. Kendall and

A. Stuart, *The Advanced Theory of Statistics*, Vol. I, chaps. 14, 15, Vol. II, chap. 24, Vol. III, chap. 35; H. Cramér, *Mathematical Methods of Statistics*; S. S. Wilks, *Mathematical Statistics*.

956 Statistical Inference

Professor Durbin. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus Estimation theory. Unbiasedness, minimum variance, sufficiency, completeness, maximum likelihood. The theory of testing hypotheses. Confidence intervals. Inference for linear models. Decision theory. Bayesian methods. Likelihood. Tests of fit. Distribution-free methods. Sequential methods.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vols. II and III; H. Cramér, *Mathematical Methods of Statistics*; S. S. Wilks, *Mathematical Statistics*; E. L. Lehmann, *Testing Statistical Hypotheses*; D. V. Lindley, *Introduction to Probability and Statistics*; C. R. Rao, *Linear Statistical Inference and its Applications*.

956(a) Statistical Inference Class

Professor Durbin. Ten classes, fortnightly, Sessional.

957 Multivariate Analysis

Dr C. S. Smith. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus Multiple regression analysis. Component analysis. Discriminant analysis. Canonical analysis. Multivariate analysis of variance. Factor analysis. Applications of these techniques.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. III, chaps. 41-45, with some supplementary notes; H. Seal, *Multivariate Statistical Analysis for Biologists*.

958 Ranking and Other Distribution-Free Methods

Mr Fielding. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus The rationale and efficiency of ranking and distribution-free methods. Two sample and k-sample rank tests. Randomisation tests. Rank correlation and tests of independence. Tests of randomness. Intervals for population percentiles. Tolerance intervals for a distribution. Confidence intervals for an unknown distribution function.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II, chaps. 30, 31 and 32; J. Hajek, *Nonparametric Statistics*; J. Hajek and I. Sidak, *The Theory of Rank Tests*; S. Bradley, *Distribution Free Methods*; M. G. Kendall, *Rank Correlation Methods*; A. E. Maxwell, *Analysing Quantitative Data*; J. Conover, *Practical Nonparametric Statistics*.

959 Contingency Tables

Professor Stuart.

Five lectures, Summer Term.

For M.Sc.

Syllabus Measurement of association in unordered and ordered two-way tables. Canonical correlations, three-way tables, interactions. Least squares with categorised variables.

Recommended reading Kendall & Stuart, Vol. 2. (3rd edn. 1973) Chap. 33.

960 Design and Analysis of Experiments

Dr Knott. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus Principles of experimental design. Randomised blocks. Latin squares. Incomplete blocks. Paired comparisons. Factorial designs. Confounding. Fractional replication. Analysis and interpretation of experimental results. Experimental complications and special analyses. Optimal regression designs.

Recommended reading W. G. Cochran

and G. M. Cox, *Experimental Designs*; O. L. Davies and others, *The Design and Analysis of Industrial Experiments*; D. R. Cox, *The Planning of Experiments*; O. Kempthorne, *The Design and Analysis of Experiments*.

960(a) Design and Analysis of Experiments Class

Dr Knott. Five classes, Summer Term.

961 Basic Time-Series Analysis

Professor Durbin. Two hours per week, Michaelmas Term.

For M.Sc.

Syllabus Basic structure of time series. Stationarity. Autocorrelation. Periodogram and spectrum. Linear models. Forecasting. Elementary treatment of model-fitting in time-series analysis. Effects of autocorrelation on regression analysis. Tests of serial independence.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. III; E. J. Hannan, *Time Series Analysis; Multiple Time Series*; C. W. J. Granger and M. Hatanaka, *Spectral Analysis of Economic Time Series*; E. Malinvaud, *Statistical Methods of Econometrics*; A. M. Yaglom, *An Introduction to the Theory of Stationary Random Functions*; G. S. Fishman, *Spectral Methods in Econometrics*; G. M. Jenkins and D. G. Watts, *Spectral Analysis and its Applications*; T. W. Anderson, *The Statistical Analysis of Time Series*; P. J. Dhrymes, *Econometrics*.

962 Further Time-Series Analysis

Dr Reid. Two hours per week, Lent Term.

Optional for M.Sc.

Syllabus Properties of Fourier transforms. Estimation of spectrum. Cross-spectral methods. Linear time invariant relations between series. Fitting of time-series models.

Recommended reading as for Course 961.

963 Prediction and Control
Mr Nickell and Dr Reid. Twelve lectures, Lent and Summer Terms.
For M.Sc.

Recommended reading P. Whittle, *Prediction and Regulation by Linear Least-Square Methods*; H. Theil, *Optimal Decision Rules for Government and Industry*; C. C. Holt, F. Modigliani, J. F. Muth and A. A. Simon, *Planning Production, Inventory and Work Force*; A. M. Yaglom, *Theory of Stationary Random Functions*; K. A. Fox and J. Sengupta, *The Theory of Quantitative Economic Policy*.

964 Advanced Social Statistics
Mr Fielding, Mr O'Muircheartaigh and Dr Phillips. Twenty-five lectures, Michaelmas and Lent Terms.
For M.Sc.

Syllabus Causal analysis from linear systems. Recursive models, path coefficients, cross-lagged correlations. Measurement errors in models. The identification problem. Multivariate analytical techniques and applications. Multidimensional scaling and latent structure models. Aspects of qualitative data analysis.

964(a) Advanced Social Statistics Class

Dr Phillips, Mr Fielding and Professor Bartholomew. Five classes of two hours, fortnightly.

965 Stochastic Models for Social Processes

Professor Bartholomew. Twenty lectures, Lent and Summer Terms.
For M.Sc.

Syllabus Models for duration, open and closed Markov chain models, models for manpower systems based on renewal theory, simulation models. Models for the diffusion of news and rumours.

Recommended reading D. J. Bartholomew *Stochastic Models for Social Processes*

(2nd edn.); J. C. Kemeny and L. Snell, *Mathematical Models in the Social Sciences*; H. C. White, *Chains of Opportunity*.

965(a) Stochastic Models for Social Processes Class

Dr Phillips, Mr Fielding and Professor Bartholomew. Five classes of two hours, fortnightly.

966 Further Sample Survey Theory and Methods

Mr O'Muircheartaigh. Twenty lectures, Michaelmas and Lent Terms.

Note This course presupposes attendance at Course 927.

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*; W. G. Cochran, *Sampling Techniques* (2nd 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*.

966(a) Further Sample Survey Theory and Methods Class

Mr O'Muircheartaigh. Eight classes, Lent and Summer Terms.

967 Estimation in Sampling Theory

Mr O'Muircheartaigh. Five lectures, beginning in the sixth week of the Lent Term.

For M.Sc.

968 Survey Design, Execution and Analysis

Mr O'Muircheartaigh. Twenty-two lectures of two hours each, Sessional.

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. Coding and processing. Analysis of multivariate survey data. Design and analysis of experiments and investigations.

969 Statistical Aspects of Educational Planning

Mr G. L. Williams and Dr Phillips. Fifteen lectures, Michaelmas and Lent Terms.

Whole Course for M.Sc.: *Educational Statistics*.

Optional for M.Sc.: *Educational Administration*.

Michaelmas Term only optional for B.Sc. (Econ.) Part II; B.Sc. c.u. main field. Maths. 3rd yr.; 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.

970 Fortran Programming (Statistics)

Miss S. A. Brown and Mr F. F. Land. Last week, Summer vacation.

For M.Sc.: Statistics. Dip. Stats. students should take either this course or Course 94 (a), (b)2 or (c).

Recommended Reading: D. D. McCracken, *A Guide to Fortran IV Programming*.

971 Statistical Analysis Practical Class

Miss S. A. Brown. Ten classes, Michaelmas Term.

For M.Sc. Fortran computer language will be used.

972 Further Statistical Methods

Mr Fielding. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. It will be assumed that students have a knowledge of statistics to the standard of Course 918.

Syllabus Nonparametric and distribution free techniques, analysis of variance and covariance for various experimental designs. Elements of matrix algebra. Multiple correlation and regression. Some multivariate procedures.

Recommended reading H. M. Blalock, *Social Statistics*; S. Siegel, *Nonparametric Statistics for the Behavioural Sciences*; J. Hajek, *Nonparametric Statistics*; T. Yamane, *Statistics, an Introductory Analysis*; W. L. Hays, *Statistics*; D. R. Cox, *Planning of Experiments*; A. L. Edwards, *Statistical Methods*.

972(a) Further Statistical Methods Class

Dr Phillips. Ten classes, fortnightly, Michaelmas and Lent Terms.

973 Applied Statistics Seminar

Mr Fielding and others. Nine meetings of one-and-a-half hours, fortnightly, Michaelmas and Lent Terms.

For M.Sc.; Dip. Stats. and other graduate students.

974 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 Bartholomew or Professor Durbin.

975 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 Bartholomew or Professor Durbin.

(g) GRADUATE COURSES (OPERATIONAL RESEARCH AND MANAGEMENT STUDIES)

976 Statistical Theory

Dr C. S. Smith. Forty lectures, Michaelmas and Lent Terms.

Whole course for M.Sc.: *Statistical Theory*; Dip. Stats. students who already have a knowledge of statistics need not attend until the fourth week of the Michaelmas Term. **Selected lectures only for M.Sc.:** *Operational Research II*.

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; A. M. Mood and F. A. Graybill, *Introduction to the Theory of Statistics*; O. L. Davies, *Statistical Methods in Research and Production*; N. R. Draper and H. Smith, *Applied Regression Analysis*.

976(a) Statistical Theory Class

Dr C. S. Smith. Twenty classes, Michaelmas and Lent Terms.

977 Operational Research Methodology

Mr Rosenhead. Ten meetings of one-and-a-half hours, Michaelmas and Lent Terms.

For M.Sc.

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*; J. R. Ravetz, *Scientific Knowledge and its Social Problems*.

978 Basic Operational Research Techniques

Mr Paul. Ten lectures, Michaelmas Term.

For M.Sc.

Syllabus An introduction to stock control, scheduling, queuing theory, replacement, critical path analysis and dynamic programming.

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*.

978(a) Basic Operational Research Techniques Class

Mr Paul and others. Ten classes, Michaelmas Term.

979 Advanced Operational Research Techniques

Mr Rosenhead and Mr Paul.

Fifteen lectures, Lent and Summer Terms.

For M.Sc.

Syllabus Replacement theory, scheduling, inventory control, queuing 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*; R. E. Bellman and S. E. Dreyfus, *Applied Dynamic Programming*; R. A. Howard, *Dynamic Programming and Markov Processes*; R. W. Conway, W. L. Maxwell and L. W. Miller, *Theory of Scheduling*; F. Hanssmann, *Operations Research in Production and Inventory Control*; E. Naddor, *Inventory Systems*.

979(a) Advanced Operational Research Techniques Class

Mr Rosenhead and Mr Paul. Fifteen classes, Lent and Summer Terms.

980 Basic Mathematical Programming

Dr A. H. Land. Ten lectures, Michaelmas Term.

For M.Sc.

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 K. E. Boulding and W. A. Spivey, *Linear Programming and the Theory of the Firm*; R. Dorfman, P. A. Samuelson and R. M. Solow, *Linear Programming and Economic Analysis*; S. Vajda, *Readings in Linear Programming*; H. G. Daelleback and E. J. Bell, *Users' Guide to Linear Programming*.

980(a) Basic Mathematical Programming Class

Dr Land and others. Ten classes, Michaelmas Term.

981 Advanced Mathematical Programming

Dr A. H. 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 G. Hadley, *Linear Programming*; D. Gale, *The Theory of Linear Economic Models*; G. B. Dantzig, *Linear Programming and Extensions*; R. L. Graves and P. Wolfe (Eds.), *Recent Advances in Mathematical Programming*.

981(a) Advanced Mathematical Programming Class

Dr Land and others. Twenty classes, Michaelmas and Lent Terms.

982 Theory of Games

Mr Paul. Four lectures, Lent 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*.

983 Graph Theory

Mr Paul. Ten lectures, Lent 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*.

983(a) Graph Theory Class

Class teacher to be announced.
Ten classes, Lent Term.

984 Applied Statistics and Forecasting Techniques for Operational Research

Mr Paul and Mr Rosenhead. Six lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc.

985 Selected Topics in Operational Research

Mr Rosenhead and others. Fifteen meetings, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For M.Sc.

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.

986 Operational Research

Tutorial Class

Dr A. H. Land, Mr Rosenhead and Mr Paul. Ten sessions, Lent Term.

For M.Sc.

987 Fortran Programming (Operational Research)

Lecturer to be announced. Last week, Summer Vacation.

For M.Sc.: Operational Research only.

Recommended reading R. S. Ledley, *Fortran IV Programming*; D. D. McCracken, *A Guide to Fortran IV Programming*.

988 Information

Mr Stamper. Five lectures, Michaelmas Term.

For M.Sc.

Syllabus Information as signs, signs and behaviour, semantics, syntactics, transmission of signals. Problems in the measurement of information relative to behaviour, relative to a formal language and as variety.

Recommended reading C. Cherry, *On Human Communication*; R. K. Stamper, *Information*.

988(a) Information Class

Mr Stamper. Five classes, Michaelmas Term.

For M.Sc.

989 Business Information Systems

Mr Stamper. Ten lectures, Lent Term.

For M.Sc.

Syllabus Some important information systems and how they vary from one type of organization to another. Information handling functions, communication, information storage and retrieval.

Recommended reading J. Dearden, F. W. McFarlan and W. M. Zani, *Management Information Systems*; E. S. Buffa, *Production-Inventions Systems*; C. B. Randall and S. W. Burgly, *Systems and Procedures for Business Data Processing*; L. R. Carzo and J. N. Yanouzas, *Formal Organization*.

989(a) Business Information Systems Class

Mr Stamper. Five classes, Lent Term.

For M.Sc.

990 Basic Systems Analysis

Mr F. F. Land and Mr Waters. 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*.

990(a) Basic Systems Analysis Class

Mr Waters. Five classes, Michaelmas Term.

For M.Sc.

991 Introduction to Computers for Personnel Management

Mr F. F. Land. Ten lectures, Michaelmas Term.

For Dip. in Personnel Management.

Syllabus An introduction to computers and Computer personnel. computer systems for personnel work. Introduction to systems analysis.

Recommended reading E. Mumford, *Job Satisfaction*; E. Mumford, *Computers and People*; A. Daniels and D. Yeates, *Basic Training in Systems Analysis*.

991(a) Introduction to Computers for Personnel Management Class

Mr F. F. Land. Five classes, Michaelmas Term.

992 Economics for Operational Research

Mr Lane. Ten lectures, Summer Term.

For M.Sc.

993 Design Methods in Planning

Mr Rosenhead. Ten lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus The internal structure of design problems; the analysis of interconnected decision areas. The impact of uncertainty on planning; planning as a 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*.

994 Introduction to Simulation

Mr Paul. Ten lectures, Lent Term.

For M.Sc.

Syllabus Types and uses of simulation models. Monte Carlo methods. Random and pseudo-random numbers. Event sequence and control. Variance reduction. Verification. Simulation languages.

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