THE UNIVERSITY OF LEEDS



CALENDAR 1997–98

THE UNIVERSITY OF LEEDS

The Calendar 1987–88

Part 1

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Almanac

Session 1987–88

1st TERM	Wednesday, 7 October 1987 Friday, 18 December 1987
2nd TERM	Monday, 18 January 1988 Friday, 25 March 1988
3rd TERM	Monday, 25 April 1988 Friday, 1 July 1988

Session 1988–89

1st TERM	Wednesday, 5 October 1988 Friday, 16 December 1988
2nd TERM	Monday, 9 January 1989 Friday, 17 March 1989
3rd TERM	Monday, 17 April 1989 Friday, 23 June 1989

Session 1989–90

1st TERM	Wednesday, 4 October 1989 Friday, 15 December 1989
2nd TERM	Monday, 15 January 1990 Friday, 23 March 1990
3rd TERM	Monday, 23 April 1990 Friday, 29 June 1990

Session 1990–91

1st TERM	Wednesday, 3 October 1990 Friday, 14 December 1990

October 1987

	1 Th.	Degree Ceremonies	
	2 F.	Degree Ceremonies	
	3 S.		
	4 *S.*		
Week 0	5 M.	IntroWeek begins	
	6 Tu.	Science Policy Group, 12.05 p.m.	
	7 W.	FIRST TERM BEGINS Registration of Undergraduate Students	
	8 Th.	Registration of Undergraduate Students Steering Committee, Board of the Faculty of Medicine, 4.05 p.m.	
	9 F.	Registration of Undergraduate Students	
	10 S.		
	11 *S.*		
Week 1	12 M.	Joint Committee of the University and the AUT, 2.05 p.m.	
	13 Tu.	Engineering Policy Group, 12.30 p.m. Board of the Faculties of Arts, Economic and Social Studies and Law, 5.05 p.m.	
	14 W.	Development and Research Committee, 2.05 p.m.	
	15 Th.	Safety Advisory Committee, 2.15 p.m. Board of the Faculty of Science, 5.05 p.m.	*Lunchtime Recital*
	16 F.		
	17 S.		
	18 *S.*		
Week 2	19 M.	House and Estates Committee, 2.15 p.m. Senate Research Degrees Committee, 3.05 p.m.	*Public Lecture*
	20 Tu.	Board of the Faculty of Medicine, 5.15 p.m. Brotherton Collection Committee, 2.15 p.m.	
	21 W.	Senate General Purposes Committee, 2.05 p.m.	
	22 Th.	Board of the Faculty of Engineering, 5.05 p.m.	*Lunchtime Recital*
	23 F.		
	24 S.		
	25 *S.*		
Week 3	26 M.	Committee on Promotion and Progression, 2.05 p.m.	*University Sermon* *Inaugural Lecture*
	27 Tu.	Board of the Faculty of Education, 5.05 p.m.	
	28 W.	Planning and Resources Committee, 2.05 p.m. (*provisional*) Committee on Computing Services, 2.05 p.m.	*Evening Concert*
	29 Th.	Committee on Undergraduate Courses and Schemes of Study of the Board of the Faculties of Arts, Economic and Social Studies and Law, 4.05 p.m. Management Committee for the Safety Services, 4.05 p.m.	*Lunchtime Recital*
	30 F.	Standing Committee on Courses for Collegiate Academic Awards, 3.15 p.m.	
	31 S.		

November 1987

Week 3	1 *S.*		
Week 4	2 M.	Standing Committee on Masterships (Arts *et al*), 4.05 p.m.	*Public Lecture*
	3 Tu.	Library Executive Committee, 4.05 p.m.	
	4 W.	SENATE, 2.05 p.m.	
	5 Th.	Committee on Undergraduate Courses and Schemes of Study in the Faculty of Science, 4.05 p.m.	*Lunchtime Recital and Dressler Lecture*
	6 F.		
	7 S.		
	8 *S.*		
Week 5	9 M.	Joint M.Sc. Committee, 4.05 p.m.	
	10 Tu.	Science Policy Group, 12.05 p.m. M.Ed. Committee, 5.05 p.m.	*Montague Burton Lecture in International Relations*
	11 W.	Financial Planning and Accounts Committee, 4.05 p.m. (*provisional*) Committee on Higher Degrees in Medicine and Dentistry, 4.05 p.m.	
	12 Th.	Steering Committee, Board of the Faculty of Medicine, 4.05 p.m. Committee on Undergraduate Courses and Schemes of study in the Faculty of Engineering, 4.05 p.m.	*Lunchtime Recital*
	13 F.	Overseas Committee, 10.05 a.m. Board for Collegiate Academic Awards, 3.15 p.m.	
	14 S.		
	15 *S.*		
Week 6	16 M.	Joint Committee of the University and the AUT, 2.05 p.m.	*Inaugural Lecture*
	17 Tu.	Engineering Policy Group, 12.30 p.m. Board of the Careers Service, 2.15 p.m. Board of the Faculties of Arts, Economic and Social Studies and Law, 5.05 p.m.	
	18 W.	Development and Research Committee, 2.05 p.m.	
	19 Th.	COUNCIL, 2.15 p.m. Board of the Faculty of Science, 5.05 p.m.	*Lunchtime Recital*
	20 F.		
	21 S.		
	22 *S.*		
Week 7	23 M.	House and Estates Committee, 2.15 p.m. Senate Research Degrees Committee, 3.05 p.m.	*Price Waterhouse Lecture*
	24 Tu.	Board of the Faculty of Medicine, 5.15 p.m.	
	25 W.	Senate General Purposes Committee, 2.05 p.m.	*Evening Concert*
	26 Th.	Board of the Faculty of Engineering, 5.05 p.m.	*Lunchtime Recital*
	27 F.		
	28 S.		
	29 *S.*		
Week 8	30 M.	Committee on Promotion and Progression, 2.05 p.m.	

December 1987

Week 8	1	Tu.	Military, Air Force and Naval Education Committee, 2.15 p.m. Board of the Faculty of Education, 5.05 p.m.
	2	W.	Planning and Resources Committee, 2.05 p.m.
	3	Th.	Committee on Undergraduate Courses and Schemes of Study of the Board of the Faculties of Arts, Economic and Social Studies and Law, 4.05 p.m. *Lunchtime Recital*
	4	F.	Standing Committee on Courses for Collegiate Academic Awards, 3.15 p.m.
	5	S.	
	6	*S.*	
Week 9	7	M.	Committee on Remuneration and Conditions of Service, 11.30 a.m. Standing Committee on Masterships (Arts *et al*), 4.05 p.m.
	8	Tu.	Library Consultative Committee, 4.05 p.m.
	9	W.	SENATE, 2.05 p.m.
	10	Th.	Meeting of Examiners, Special Meeting of the Board of the Faculty of Medicine and Special Meeting of the Senate, 12 noon. *Lunchtime Recital* Committee on Undergraduate Courses and Schemes of Study in the Faculty of Science, 4.05 p.m.
	11	F.	Committee on Scholarships, Studentships and Prizes, 2.05 p.m.
	12	S.	
	13	*S.*	
Week 10	14	M.	Joint M.Sc. Committee, 4.05 p.m. *Inaugural Lecture*
	15	Tu.	Joint Committee on Higher Doctorates in the Faculties of Science and Engineering, 2.05 p.m. Welfare Committee, 2.15 p.m.
	16	W.	Financial Planning and Accounts Committee, 4.05 p.m. (*provisional*)
	17	Th.	Committee on Undergraduate Courses and Schemes of Study in the Faculty of Engineering, 4.05 p.m. *Lunchtime Recital*
	18	F.	Meetings of Examiners and Board for Collegiate Academic Awards, 3.15 p.m. FIRST TERM ENDS
	19	S.	
	20	*S.*	
Week 11	21	M.	Degree Ceremonies
	22	Tu.	COUNCIL, 11.00 a.m. COURT, 3.00 p.m.
	23	W.	
	24	Th.	University buildings closed
	25	F.	Christmas Day
	26	S.	
	27	*S.*	
	28	M.	University buildings closed
	29	Tu.	University buildings closed
	30	W.	University buildings closed
	31	Th.	University buildings closed

January 1988

	1	F.	Bank Holiday, University buildings closed
	2	S.	
	3	*S.*	
	4	M.	
	5	Tu.	
	6	W.	
	7	Th.	
	8	F.	
	9	S.	
	10	*S.*	
Week 0	11	M.	
	12	Tu.	Science Policy Group, 12.05 p.m.
	13	W.	
	14	Th.	Steering Committee, Board of the Faculty of Medicine, 4.05 p.m.
	15	F.	
	16	S.	
	17	*S.*	
Week 1	18	M.	SECOND TERM BEGINS Joint Committee of the University and the AUT, 2.05 p.m. Safety Advisory Committee, 3.15 p.m.
	19	Tu.	Engineering Policy Group, 12.30 p.m. Board of the Faculties of Arts, Economic and Social Studies and Law, 5.05 p.m.
	20	W.	Development and Research Committee, 2.05 p.m.
	21	Th.	Board of the Faculty of Science, 5.05 p.m.
	22	F.	
	23	S.	
	24	*S.*	
Week 2	25	M.	House and Estates Committee, 2.15 p.m. Senate Research Degrees Committee, 3.05 p.m.
	26	Tu.	Board of the Faculty of Medicine, 5.15 p.m.
	27	W.	Senate General Purposes Committee, 2.05 p.m.
	28	Th.	Board of the Faculty of Engineering, 5.05 p.m.
	29	F.	
	30	S.	
	31	*S.*	

February 1988

Week 3	1	M.	Committee on Promotion and Progression, 2.05 p.m.
	2	Tu.	Board of the Faculty of Education, 5.05 p.m. *Clive Behrens Lecture*
	3	W.	Management Committee for the Safety Services, 11.05 a.m. Planning and Resources Committee, 2.05 p.m. (*provisional*) Committee on Computing Services, 2.05 p.m.
	4	Th.	LUU Annual General Meeting, 2.15 p.m. Committee on Undergraduate Courses and Schemes of Study of the Board of the Faculties of Arts, Economic and Social Studies and Law, 4.05 p.m.
	5	F.	Standing Committee on Courses for Collegiate Academic Awards, 3.15 p.m.
	6	S.	
	7	*S.*	
Week 4	8	M.	Standing Committee on Masterships (Arts *et al*), 4.05 p.m.
	9	Tu.	Library Executive Committee, 4.05 p.m. *Clive Behrens Lecture*
	10	W.	SENATE, 2.05 p.m.
	11	Th.	Committee on Undergraduate Courses and Schemes of Study in the Faculty of Science, 4.05 p.m.
	12	F.	
	13	S.	
	14	*S.*	
Week 5	15	M.	Joint M.Sc. Committee, 4.05 p.m.
	16	Tu.	Science Policy Group, 12.05 p.m. *Clive Behrens Lecture* M.Ed. Committee, 5.05 p.m.
	17	W.	Financial Planning and Accounts Committee, 4.05 p.m. (*provisional*)
	18	Th.	Steering Committee, Board of the Faculty of Medicine, 4.05 p.m. Committee on Undergraduate Courses and Schemes of Study in the Faculty of Engineering, 4.05 p.m.
	19	F.	Overseas Committee, 10.05 a.m. Board for Collegiate Academic Awards, 3.15 p.m.
	20	S.	
	21	*S.*	
Week 6	22	M.	Joint Committee of the University and the AUT, 2.05 p.m.
	23	Tu.	Engineering Policy Group, 12.30 p.m. Board of the Faculties of Arts, Economic and Social Studies and Law, 5.05 p.m.
	24	W.	Development and Research Committee, 2.05 p.m.
	25	Th.	COUNCIL, 2.15 p.m. Board of the Faculty of Science, 5.05 p.m.
	26	F.	
	27	S.	
	28	*S.*	
Week 7	29	M.	House and Estates Committee, 2.15 p.m. Senate Research Degrees Committee, 3.05 p.m.

March 1988

Week 7	1 Tu.	Board of the Faculty of Medicine, 5.15 p.m.
	2 W.	Senate General Purposes Committee, 2.05 p.m.
	3 Th.	Board of the Faculty of Engineering, 5.05 p.m.
	4 F.	
	5 S.	
	6 *S.*	
Week 8	7 M.	Committee on Promotion and Progression, 2.05 p.m.
	8 Tu.	Board of the Faculty of Education, 5.05 p.m.
	9 W.	Planning and Resources Committee, 2.05 p.m. Committee on Computing Services, 2.05 p.m. Annual Staffs Meeting, 3.15 p.m.
	10 Th.	Committee on Undergraduate Courses and Schemes of Study of the Board of the Faculties of Arts, Economic and Social Studies and Law, 4.05 p.m.
	11 F.	Standing Committee on Courses for Collegiate Academic Awards, 3.15 p.m.
	12 S.	
	13 *S.*	
Week 9	14 M.	Committee on Remuneration and Conditions of Service, 11.30 a.m. Standing Committee on Masterships (Arts *et al*), 4.05 p.m.
	15 Tu.	
	16 W.	SENATE, 2.05 p.m.
	17 Th.	Committee on Undergraduate Courses and Schemes of Study in the Faculty of Science, 4.05 p.m.
	18 F.	Board of the Careers Service, 2.15 p.m.
	19 S.	
	20 *S.*	
Week 10	21 M.	Joint M.Sc. Committee, 4.05 p.m.
	22 Tu.	Joint Committee on Higher Doctorates in the Faculties of Science and Engineering, 2.05 p.m. Library Consultative Committee, 4.05 p.m.
	23 W.	Financial Planning and Accounts Committee, 4.05 p.m. (*provisional*) Publication of Final Examination Timetable
	24 Th.	Steering Committee, Board of the Faculty of Medicine, 4.05 p.m. Committee on Undergraduate Courses and Schemes of Study in the Faculty of Engineering, 4.05 p.m.
	25 F.	Meetings of Examiners and Board for Collegiate Academic Awards, 3.15 p.m. SECOND TERM ENDS
	26 S.	
	27 *S.*	
Week 11	28 M.	
	29 Tu.	Welfare Committee, 2.15 p.m.
	30 W.	COUNCIL, 2.15 p.m.
	31 Th.	University buildings close at 12.30 p.m. (except the Brotherton and Edward Boyle Libraries which close at 5.00 p.m.)

April 1988

1 F. Good Friday. University buildings closed
2 S.
3 *S.* Easter Day
4 M. University buildings closed
5 Tu. University buildings closed
6 W.
7 Th.
8 F.
9 S.
10 *S.*
11 M.
12 Tu.
13 W.
14 Th.
15 F.
16 S.
17 *S.*
Week 0 18 M.
19 Tu. Science Policy Group, 12.05 p.m.
20 W.
21 Th. Steering Committee, Board of the Faculty of Medicine, 4.05 p.m.
22 F.
23 S.
24 *S.*
Week 1 25 M. THIRD TERM BEGINS
Joint Committee of the University and the AUT, 2.05 p.m.
House and Estates Committee, 2.15 p.m.
Senate Research Degrees Committee, 3.05 p.m.
26 Tu. Engineering Policy Group, 12.30 p.m.
Board of the Faculties of Arts, Economic and Social Studies and Law, 5.05 p.m.
27 W. Development and Research Committee, 2.05 p.m.
28 Th. Safety Advisory Committee, 2.15 p.m.
Board of the Faculty of Science, 5.05 p.m.
29 F.
30 S.

May 1988

	1	*S.*	
Week 2	2	M.	University buildings closed
	3	Tu.	Board of the Faculty of Medicine, 5.15 p.m.
	4	W.	Senate General Purposes Committee, 2.05 p.m.
	5	Th.	Board of the Faculty of Engineering, 5.05 p.m.
	6	F.	
	7	S.	
	8	*S.*	
Week 3	9	M.	Committee on Promotion and Progression, 2.05 p.m.
	10	Tu.	Board of the Faculty of Education, 5.05 p.m.
	11	W.	Planning and Resources Committee, 2.05 p.m. (*provisional*) Committee on Computing Services, 2.05 p.m.
	12	Th.	Management Committee for the Safety Services, 11.05 a.m. Committee on Undergraduate Courses and Schemes of Study of the Board of the Faculties of Arts, Economic and Social Studies and Law, 4.05 p.m.
	13	F.	Standing Committee on Courses for Collegiate Academic Awards, 3.15 p.m.
	14	S.	
	15	*S.*	
Week 4	16	M.	Standing Committee on Masterships (Arts *et al*), 4.05 p.m.
	17	Tu.	Committee on Readerships, 9.05 a.m.–12.30 p.m., 2.05 p.m.–5.00 p.m. Library Executive Committee, 4.05 p.m.
	18	W.	SENATE, 2.05 p.m.
	19	Th.	Committee on Undergraduate Courses and Schemes of Study in the Faculty of Science, 4.05 p.m.
	20	F.	
	21	S.	
	22	*S.*	
Week 5	23	M.	Joint Committee of the University and the AUT, 2.05 p.m. Joint M.Sc. Committee, 4.05 p.m. University written examinations for finalists begin
	24	Tu.	M.Ed. Committee, 11.00 a.m. (*provisional*) Science Policy Group, 12.05 p.m. Board of the Faculties of Arts, Economic and Social Studies and Law, 5.05 p.m.
	25	W.	Financial Planning and Accounts Committee, 4.05 p.m. (*provisional*) Committee on Higher Degrees in Medicine and Dentistry, 4.05 p.m.
	26	Th.	Committee on Undergraduate Courses and Schemes of Study in the Faculty of Engineering, 4.05 p.m. Steering Committee, Board of the Faculty of Medicine, 4.05 p.m. University written examinations for non-final year students begin
	27	F.	Overseas Committee, 10.05 a.m. Engineering Policy Group, 12.30 p.m. Board for Collegiate Academic Awards, 3.15 p.m.
	28	S.	
	29	*S.*	
Week 6	30	M.	Spring Bank Holiday, University buildings closed, except the Brotherton, the Edward Boyle, the Medical and the Law Libraries
	31	Tu.	University buildings closed, except the Brotherton, the Edward Boyle, the Medical and the Law Libraries

June 1988

Week 6	1	W.	Joint Committee on Personal Chairs, 9.05 a.m. Development and Research Committee, 2.05 p.m.
	2	Th.	COUNCIL, 2.15 p.m. Board of the Faculty of Science, 5.05 p.m.
	3	F.	
	4	S.	
	5	*S.*	
Week 7	6	M.	House and Estates Committee, 2.15 p.m. Senate Research Degrees Committee, 3.05 p.m.
	7	Tu.	Board of the Faculty of Medicine, 5.15 p.m.
	8	W.	Senate General Purposes Committee, 2.05 p.m.
	9	Th.	Board of the Faculty of Engineering, 5.05 p.m.
	10	F.	
	11	S.	
	12	*S.*	
Week 8	13	M.	Committee on Promotion and Progression, 2.05 p.m.
	14	Tu.	Board of the Faculty of Education, 5.05 p.m. University written examinations for finalists end
	15	W.	Planning and Resources Committee, 2.05 p.m.
	16	Th.	
	17	F.	Last day for the return of books to the Brotherton, Edward Boyle, Clothworkers', Law, and Medical and Dental Libraries for annual inspection, 5.00 p.m.
	18	S.	
	19	*S.*	
Week 9	20	M.	Committee on Remuneration and Conditions of Service, 11.30 a.m.
	21	Tu.	University written examinations for non-final year students end
	22	W.	SENATE, 2.05 p.m.
	23	Th.	
	24	F.	
	25	S.	
	26	*S.*	
Week 10	27	M.	Standing Committee on Masterships (Arts *et al*), 4.05 p.m.
	28	Tu.	Last date for examiners' mark sheets for the May/June examinations to be submitted to the Undergraduate Office (Examinations)
	29	W.	Meeting of Examiners, Special Meeting of the Board of the Faculty of Medicine and Special Meeting of the Senate, 12 noon Financial Planning and Accounts Committee, 4.05 p.m. (*provisional*)
	30	Th.	

July 1988

Week 10	1	F.	THIRD TERM ENDS
	2	S.	
	3	*S.*	
Week 11	4	M.	Joint M.Sc. Committee, 2.05 p.m. (*provisional*)
	5	Tu.	Joint Committee on Higher Doctorates in the Faculties of Science and Engineering, 2.05 p.m. Welfare Committee, 2.15 p.m.
	6	W.	
	7	Th.	COUNCIL, 11.00 a.m. COURT, 3.00 p.m.
	8	F.	Meetings of Special Advisory Committees for Boards of Faculties
	9	S.	
	10	*S.*	
	11	M.	Special Meeting of the Boards of the Faculties of Science and Engineering
	12	Tu.	Special Meeting of the Board of the Faculties of Arts, Economic and Social Studies and Law and Special Meeting of the Senate
	13	W.	Meetings of Examiners for Collegiate Academic Awards
	14	Th.	Meetings of Examiners for Collegiate Academic Awards
	15	F.	Meeting of Examiners and Special Meeting of the Board for Collegiate Academic Awards Special Meeting of the Board of the Faculty of Education Special Meeting of the Senate
	16	S.	
	17	*S.*	
	18	M.	
	19	Tu.	Degree Ceremonies
	20	W.	Degree Ceremonies
	21	Th.	Degree Ceremonies
	22	F.	Degree Ceremonies
	23	S.	
	24	*S.*	
	25	M.	
	26	Tu.	
	27	W.	
	28	Th.	
	29	F.	
	30	S.	
	31	*S.*	

August 1988

1 M. Meeting of Examiners and Special Meeting of the Board of the Faculty of Medicine, 4.05 p.m.
2 Tu.
3 W.
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. Summer Bank Holiday. University buildings closed.
30 Tu. University buildings closed.
31 W.

September 1988

1 Th. University re-examinations begin
2 F.
3 S.
4 *S.*
5 M.
6 Tu.
7 W.
8 Th.
9 F.
10 S.
11 *S.*
12 M.
13 Tu. Welfare Committee, 2.15 p.m.
Last day for examiners' mark sheets for the September re-examinations to be submitted
14 W.
15 Th. Meeting of Examiners and Special Meeting of the Board of the Faculty of Medicine, 4.05 pm
16 F.
17 S.
18 *S.*
19 M.
20 Tu.
21 W.
22 Th.
23 F. Meeting of Examiners, 10.00 a.m.
Special Meeting of the Board for Collegiate Academic Awards, 10.30 a.m.
24 S.
25 *S.*
26 M. Meetings of Special Advisory Committees, Special Meetings of Boards of Faculty and Special Meeting of the Senate
27 Tu.
28 W.
29 Th. Degree Ceremonies
30 F. Degree Ceremonies

October 1988

	1	S.	
	2	*S.*	
Week 0	3	M.	
	4	Tu.	Science Policy Group, 12.05 p.m.
	5	W.	FIRST TERM BEGINS
	6	Th.	Steering Committee, Board of the Faculty of Medicine, 4.05 p.m.
	7	F.	
	8	S.	
	9	*S.*	
Week 1	10	M.	Joint Committee of the University and the AUT, 2.05 p.m.
	11	Tu.	Engineering Policy Group, 12.30 p.m. Board of the Faculties of Arts, Economic and Social Studies and Law, 5.05 p.m.
	12	W.	Development and Research Committee, 2.05 p.m.
	13	Th.	Safety Advisory Committee, 2.15 p.m. Board of the Faculty of Science, 5.05 p.m.
	14	F.	
	15	S.	
	16	*S.*	
Week 2	17	M.	House and Estates Committee, 2.15 p.m. Senate Research Degrees Committee, 3.05 p.m.
	18	Tu.	Board of the Faculty of Medicine, 5.15 p.m.
	19	W.	Senate General Purposes Committee, 2.05 p.m.
	20	Th.	Board of the Faculty of Engineering, 5.05 p.m.
	21	F.	
	22	S.	
	23	*S.*	
Week 3	24	M.	Committee on Promotion and Progression, 2.05 p.m.
	25	Tu.	Board of the Faculty of Education, 5.05 p.m.
	26	W.	Planning and Resources Committee, 2.05 p.m. (*provisional*) Committee on Computing Services, 2.05 p.m.
	27	Th.	Committee on Undergraduate Courses and Schemes of Study of the Board of the Faculties of Arts, Economic and Social Studies and Law, 4.05 p.m. Management Committee for the Safety Services, 4.05 p.m.
	28	F.	Steering Group on the Allocation of Accommodation, 10.05 a.m. Standing Committee on Courses for Collegiate Academic Awards, 3.15 p.m.
	29	S.	
	30	*S.*	
Week 4	31	M.	

November 1988

Week 4	1	Tu.
	2	W. SENATE, 2.05 p.m.
	3	Th. Committee on Undergraduate Courses and Schemes of Study in the Faculty of Science, 4.05 p.m.
	4	F.
	5	S.
	6	*S.*
Week 5	7	M.
	8	Tu. Science Policy Group, 12.05 p.m.
	9	W. Financial Planning and Accounts Committee, 4.05 p.m. (*provisional*)
	10	Th. Steering Committee, Board of the Faculty of Medicine, 4.05 p.m. Committee on Undergraduate Courses and Schemes of Study in the Faculty of Engineering, 4.05 p.m.
	11	F. Overseas Committee, 10.05 a.m. Board for Collegiate Academic Awards, 3.15 p.m.
	12	S.
	13	*S.*
Week 6	14	M. Joint Committee of the University and the AUT, 2.05 p.m.
	15	Tu. Engineering Policy Group, 12.30 p.m. Board of the Faculties of Arts, Economic and Social Studies and Law, 5.05 p.m.
	16	W. Development and Research Committee, 2.05 p.m.
	17	Th. COUNCIL, 2.15 p.m. Board of the Faculty of Science, 5.05 p.m.
	18	F.
	19	S.
	20	*S.*
Week 7	21	M. House and Estates Committee, 2.15 p.m. Senate Research Degrees Committee, 3.05 p.m.
	22	Tu. Board of the Faculty of Medicine, 5.15 p.m.
	23	W. Senate General Purposes Committee, 2.05 p.m.
	24	Th. Board of the Faculty of Engineering, 5.05 p.m.
	25	F.
	26	S.
	27	*S.*
Week 8	28	M. Committee on Promotion and Progression, 2.05 p.m.
	29	Tu. Board of the Faculty of Education, 5.05 p.m.
	30	W. Planning and Resources Committee, 2.05 p.m.

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Week 8
1 Th.
2 F. Standing Committee on Courses for Collegiate Academic Awards, 3.15 p.m.
3 S.
4 *S.*

Week 9
5 M. Committee on Remuneration and Conditions of Service, 11.30 a.m.
6 Tu.
7 W. SENATE, 2.05 p.m.
8 Th. Meeting of Examiners, Special Meeting of the Board of the Faculty of Medicine and Special Meeting of the Senate, 12 noon
Committee on Undergraduate Courses and Schemes of Study in the Faculty of Science, 4.05 p.m.
9 F.
10 S.
11 *S.*

Week 10
12 M.
13 Tu. Joint Committee on Higher Doctorates in the Faculties of Science and Engineering, 2.05 p.m.
14 W. Financial Planning and Accounts Committee, 4.05 p.m. (*provisional*)
15 Th. Committee on Undergraduate Courses and Schemes of Study in the Faculty of Engineering, 4.05 p.m.
16 F. Meetings of Examiners and Board for Collegiate Academic Awards, 3.15 p.m.
FIRST TERM ENDS
17 S.
18 *S.*
19 M.
20 Tu. Welfare Committee, 2.15 p.m.
21 W. Degree Ceremonies
22 Th. COUNCIL, 11.00 a.m.
COURT, 3.00 p.m.
23 F.
24 S.
25 *S.* Christmas Day
26 M. University buildings closed
27 Tu. University buildings closed
28 W. University buildings closed
29 Th. University buildings closed
30 F. University buildings closed
31 S.

THE UNIVERSITY OF LEEDS

The Charter

EDWARD VII, by the Grace of God, of the United Kingdom of Great Britain and Ireland and of the British Dominions beyond the seas, King, Defender of the Faith. To all to whom these presents shall come, greeting.

Whereas by Charter of Her Late Majesty Queen Victoria, dated 20th April, 1880, the Victoria University was founded and constituted having its seat in the City of Manchester.

And whereas the Owens College, Manchester, was thereby constituted a college in the University and provision was made that other colleges might from time to time be admitted as colleges in the University in the manner and subject to the conditions therein prescribed.

And whereas the University College, Liverpool, was by resolution of the Court of the University admitted as a college of the University on the 5th November, 1884, and the Yorkshire College, Leeds, was by resolution of the said Court admitted as a college in the University on the 3rd November, 1887, but no other college has been so admitted.

And whereas the said University College, Liverpool, has presented to Us in Our Council a humble petition under the Common Seal of that college praying us to erect a university within the City of Liverpool.

And whereas the Owens College, Manchester, has presented to Us in Our Council a humble petitition under the Common Seal of that college praying that a new or supplemental Charter may be granted so as to constitute and continue the Victoria University as a university in Manchester without association with any college except the Owens College.

And whereas the Yorkshire College, Leeds, has presented to Us in Our Council a humble petition under the Common Seal of that college, praying Us to erect a university having its seat in Leeds.

And whereas we have taken the said petitions into Our Royal consideration and are minded to accede thereto.

Now therefore know ye that We, by virtue of Our Royal Prerogative and all other powers in that behalf enabling us of Our Special Grace certain knowledge and mere motion by these presents do for Us, Our Heirs and Successors, grant, will, direct, and ordain as follows:

I.

There shall be from henceforth for ever in Our said City of Leeds a university of the name and style of 'The University of Leeds', which shall be and continue one body politic and corporate with perpetual succession and a common seal and with full power and capacity, subject to the restrictions herein set forth, without any further licence to all persons and corporations to assure and to the University to take, by gift or otherwise purchase and hold and also to grant demise or otherwise dispose of real and personal property.

II.

The University shall have the powers following:

1. To grant and confer degrees and other academic distinctions to and on persons who shall have pursued an approved course of study in the University and shall have passed the examinations of the University under conditions laid down in its Statutes or Ordinances. Provided that degrees representing proficiency in technical subjects shall not be conferred without proper security for testing the scientific or general knowledge underlying technical attainments.

2. To admit graduates of other universities to degrees of equal or similar rank in the University.

3. To confer degrees of the University on any persons, who hold office in the University as professors, readers, lecturers, or otherwise, or who shall have carried on independent research therein, or on any persons who, at the date of this Our Charter, are Associates of the Yorkshire College.

4. To grant diplomas, licentiateships, certificates, or other distinctions to persons who have pursued a course of study approved by the University under conditions laid down by the University.

5. To confer Honorary degrees, or other distinctions on approved persons. Provided that all degrees and other distinctions shall be conferred and held subject to any provisions which may be made in reference thereto by the Statutes, Ordinances, or Regulations of the University.

6. To provide for instruction in such branches of learning as the University may think fit, and also to make provision for research and for the advancement and dissemination of knowledge.

7. To examine and inspect schools and other educational institutions, to grant diplomas and other certificates, and to provide such lectures and instruction for persons not members of the University as the University may determine.

8. To accept the examinations and periods of study passed by students of the University at other universities or places of learning as equivalent to such examinations and periods of study in the University as the University may determine, and to withdraw such acceptance at any time. Provided that in no case shall the University confer a degree in medicine or surgery upon any person who has not attended in the University during two years at least courses of study recognised for such degree, or for one of the other degrees in the University.

9. To affiliate other colleges or institutions or branches or departments thereof, or to admit the members thereof to any of the privileges of the University, and to accept attendance at courses of study in such colleges or institutions in place of the attendance at courses of study in the University, and upon such terms and conditions and subject to such regulations as may from time to time be determined by the University.

10. To co-operate by means of joint boards or otherwise, with other universities and authorities for the conduct of matriculation examinations, for the examination and inspection of schools and other academic institutions and for such other purposes as the University may from time to time determine.

11. To enter into any agreement with the Yorkshire College for the incorporation of that college in the University, and for taking over its property and liabilities, and, if necessary, to promote a Bill in Parliament to confirm or carry out any such agreement.

12. To enter into any agreement with any other institution for the incorporation of that institution in the University and for taking over its property and liabilities, and for any other purpose not repugnant to this Our Charter.

13. To enter into any agreement with the Victoria University of Manchester or with the University of Liverpool for the division or apportionment of any of the moneys, endowments, or property of the Victoria University, with due regard to the local origin of any particular foundation, to the wishes of the donors, and other special circumstances, and for reference to an arbitrator in case of difference.

14. To institute professorships, readerships, lectureships and any other offices required by the University and to appoint to such offices. Also to institute and award fellowships, scholarships and exhibitions and prizes.

15. To license halls for the residence of students.

16. To do all such other acts and things whether incidental to the powers aforesaid or not, as may be requisite in order to further the objects of the University as a teaching and examining body, and to cultivate and promote arts, science and learning.

III.

It shall be the duty of the University to co-operate, by means of a joint board or otherwise, with the Victoria University of Manchester and the University of Liverpool for the regulation and conduct of matriculation examinations, including the conditions of exemption therefrom. Statutes of the University shall prescribe and regulate the constitution and duties of the said joint board, the appointment and continuance in office of the members thereof, the filling of vacancies among the members, and all other matters relative to the joint board which it may be thought are proper to be so regulated and prescribed.

IV. Visitor

We, Our Heirs and Successors, Kings and Queens of the Kingdom and Dominions aforesaid, shall be and remain the Visitor and Visitors of the University through the Lord President of our Council for the time being, and in the exercise of the Visitorial Authority, We and Our Heirs and Successors shall have the right from time to time and in such manner as We or They shall think fit to direct an inspection of the University, its buildings, laboratories, and general equipment, and also of the examination, teaching, and other work done by the University.

V. Authorities of the University

The authorities of the University shall be the Chancellor, the Pro-Chancellor, the Vice-Chancellor, the Pro-Vice-Chancellors, the Court, the Council, the Senate, the Faculties, the Boards of Faculties, the Departments, and the Convocation. There shall be a Treasurer and other proper officers of the University.

VI. The Chancellor

The Chancellor shall be the Head and chief officer of the University and president of its Court, Council and Convocation, and shall, except as otherwise provided in this Our Charter, confer degrees. He shall hold office during his life or until his resignation or until his removal for good cause by the Visitor at the instance of the Court. Our right trusty and entirely beloved Cousin and Councillor, George Frederick Samuel, Marquess of Ripon, Knight of Our Most Noble Order of the Garter, Doctor of Laws, shall be the first Chancellor of the University.

His successors from time to time shall be elected by the Court on the nomination of the Council of the University.

VII. The Pro-Chancellor

In the absence of the Chancellor, or pending a vacancy in the office of Chancellor, or during the Chancellor's inability to act, the Pro-Chancellor shall exercise all the functions of the Chancellor, except the conferring of degrees, and shall, if present, preside at any meetings of the Court and Council.

Our trusty and well-beloved Arthur Greenhow Lupton, chairman of the Council of the Yorkshire College, shall be the first Pro-Chancellor of the University, and shall hold his office for one year. Subsequent appointments to the said office shall be made annually by the Court on the nomination of the Council.

VIII. The Vice-Chancellor

The Vice-Chancellor shall be *ex officio* chairman of the Senate. In the absence of the Chancellor the Vice-Chancellor shall confer degrees, except as otherwise provided in this Our Charter.

Our trusty and well-beloved Nathan Bodington, Principal of the Yorkshire College, Doctor of Letters, shall be the first Vice-Chancellor of the University, and shall hold such office for such term or terms and subject to such conditions as may from time to time be determined by the Council.

His successors from time to time shall be appointed by the Court on the nomination of the Council and shall hold such office for such term or terms and subject to such conditions as may from time to time be determined by the Council.

IX. The Pro-Vice-Chancellors

A Pro-Vice-Chancellor shall be appointed by the Council on the nomination of the Senate from among the members of the academic staff who are or have been members of Senate. Additional Pro-Vice-Chancellors may be appointed in like manner. Subject to the Statutes and Ordinances of the University and in the absence of the Vice-Chancellor, a Pro-Vice-Chancellor may act as Vice-Chancellor. Seniority among Pro-Vice-Chancellors shall be as determined by the Council on the recommendation of the Senate.

X. The Court

The Court shall be the governing body of the University and shall direct the form, custody and use of the common seal, and shall have power to regulate and determine all matters concerning the University, and generally shall exercise all the powers and discretions of the University, except as otherwise provided by this Our Charter or by the Statutes.

The Court shall have power by Statute to increase or diminish the number of its members, by increasing or diminishing the number to be nominated or appointed by the persons or bodies possessing the right of nomination or appointment, or by adding representatives of other bodies, or in any other manner.

The Statutes set forth in the schedule hereto annexed shall be the Statutes of the University under this Our Charter. The Court may amend, add to, or repeal the Statutes for the time being in force [including those set forth in the schedule hereto], but no such amendment, addition, or repeal shall be valid or operative until allowed by Us or by a committee of Our Council.

Ordinances may be made by the Court for the regulation of all matters not required by this Our Charter to be dealt with by Statute.

Provided 1. that it shall not be lawful for the Court, by any Statute or otherwise to apply any religious, racial or political test in considering any person for a professorship, teaching post, for the holding of any office or membership of the University, or for admission as a student, or to enable him to graduate thereat, or to enjoy or exercise any privilege thereof.

Provided 2. that any Statute or Ordinance made by the Court be not repugnant to the laws of this Realm or to the general object of this Our Charter.

Privided 3. that Statutes or Ordinances relating to degrees, studies and examinations shall not be adopted without report from the Senate.

Provided 4. that no change shall be made in any Statute or Ordinance altering the status, powers, or constitution of any of the authorities of the University until such authority shall have had an opportunity of pronouncing an opinion upon the proposed change.

Degrees *in absentia* shall be conferred by a resolution of the Court or in such manner as the Court may from time to time determine. The acts of the Court shall not be invalidated by any vacancy among its members.

XI. The Council

The Council shall be the executive body of the University and may exercise and do such of the powers, authorities, and things by this Our Charter granted to or authorised to be done by the Court, as are, or shall from time to time be assigned to the Council by Statute or by the Court, except the election of members of the Court to be members of the Council.

The Court shall have power by Statute to increase or diminish the number of the Council, by increasing or diminishing the number to be nominated, elected, or appointed by the persons or bodies possessing the right of nomination or appointment, or by adding representatives of other bodies, or in any other manner.

The Council shall have power to draft Statutes and Ordinances as and when they see fit, and to submit the same to the Court for consideration and enactment.

The acts of the Council shall not be invalidated by reason of any vacancy among its members.

XII. The Senate

The constitution of the Senate shall be determined by Statute.

The Senate shall, subject to the Statutes and Ordinances of the University, and subject also to review by the Court, have the control and general regulation of the instruction and education within the University and shall have power to discuss and pronounce an opinion on any matter whatsoever relating to the University and such other powers and duties as may be conferred upon it by Statute or Ordinance.

XIII. The Faculties and Boards of Faculties

The University shall include the Faculties of Arts, Economic and Social Studies, Law, Science, Engineering, Medicine and Education, and such other Faculties [whether formed by the sub-division of an existing Faculty or by the creation of a new Faculty or otherwise] as may from time to time be constituted by Statute. The constitution and powers of the several Faculties shall be determined by Statute.

The Boards of Faculties shall be appointed from among the members of the University in such manner and in such numbers as the Council on the recommendation of the Senate may from time to time determine.

XIV. Departments

The Council, on the recommendation of the Senate, may approve the institution of departments or other such bodies as may be appropriate.

The Council shall also have the power on the recommendation of the Senate, to approve the discontinuance of any department or other such body.

The membership and powers of departments shall be determined as provided by Statute.

XV. Convocation

The Convocation shall consist of the Chancellor, the Vice-Chancellor, the Pro-Vice-Chancellors, the members of Faculties, the registered graduates of the University, and the associate members. Associate membership of the Convocation shall be as determined by Statute.

The Court shall have power to fix the conditions of registration and to prescribe the annual or other fees, or a composition therefor which shall be necessary for registration.

XVI. Powers of Convocation

Convocation shall have the following powers:

To elect its own chairman, who shall, in the absence of the Chancellor, preside at its meetings.

To elect representatives as members of the Court and Council.

To discuss and pronounce an opinion on any matter whatsoever relating to the University including any matters referred to them by the Court or the Council.

To prescribe the mode of conducting the proceedings of Convocation and of registering the same, and of reporting the same to the Court, Council, or Senate, or any of them.

To enter into communication directly with the Court, Council, or Senate on any matter affecting the University.

XVII. Regulations as to procedure

The Court, the Council, the Senate, the Faculties, the Boards of Faculties, the Departments and the Convocation may from time to time make regulations for governing their respective proceedings, subject to this Our Charter and to the Statutes and Ordinances of the University.

Subject to the Statutes and Ordinances of the University any power exercisable by the Court, the Council, the Senate, a Faculty, a Board of Faculty, a Department, or the Convocation of the University and any duty imposed by this Our Charter or by the Statutes of the University may be delegated by the Court, the Council, the Senate, a Faculty, a Board of Faculty, a Department, or the Convocation to any Committee and so long as the delegation remains in force the power shall be exercisable wholly or in part by the Committee and not by the delegating body; provided that any such delegation shall be revocable at any time by the delegating body but such revocation shall not affect the validity of anything done by the Committee by virtue of the delegation.

XVIII. The Treasurer

Our trusty and well-beloved Sir John Barran, Baronet, Treasurer of the Yorkshire College, shall be the first Treasurer of the University, and shall hold his office for one year. Subsequent appointments to the said office shall be made annually by the Court.

XIX. Members of the University

The members of the University shall be the Chancellor, the Pro-Chancellor, the Vice-Chancellor, the Treasurer, the members of the University Court, the Professors, Readers, and Lecturers and such other teachers of the University as the Council may determine; the members of the Faculties, the wardens or other chief officers of halls of residence licensed by the University, fellows, graduates; postgraduate students and undergraduate students of the University and such other classes of students as the Council may from time to time determine; emeritus professors and other persons as the Council, on the recommendation of the Senate, may from time to time determine.

The postgraduates of the University shall be such persons as are admitted to postgraduate courses in the University.

The undergraduates of the University shall be such persons attending lectures or receiving instruction in the University as shall have matriculated under the Statutes.

Membership of the University may be waived at the request of a person made for reasons considered by the Court, on the recommendation of the Council and the Senate, to be sufficient, and upon the person concerned entering into such undertakings and guarantees as may be required to the effect that he will continue to observe the Charter, Statutes and regulations of the University as though he had continued to be a member thereof.

XX. Examiners and Examinations

All examinations held by the University shall be conducted in such manner as the Statutes and Ordinances shall prescribe, provided that at least one external and independent examiner shall be appointed by the Council for each subject or group of subjects forming part of the course of studies required for University degrees, but this proviso shall not apply to examinations for admission or entrance to the University. Provided that in case of a vacancy occurring in or during any examination or of other emergency the Vice-Chancellor shall have power to appoint a substitute for that examination.

XXI. General Provisions

All degrees and courses of study in the University, office in the University and membership of any of its constituent bodies shall be open equally to men and women without discrimination. In the present Charter words implying the male sex shall be held to include the female, unless the context clearly shows the meaning to be otherwise.

XXII.

The University may from time to time found and endow fellowships, scholarships, exhibitions, and other prizes for which funds or property may, by bequest, donation, grant, or otherwise be provided, and may make regulations respecting the same and the tenure thereof, but, except as aforesaid, and except by way of prize, reward, special grant, or remuneration for services rendered or to be rendered, in the past, present, or future respectively, the University shall not make any gift division or bonus in money unto or between any of its members.

XXIII.

The University may demand and receive such fees as the Court may from time to time appoint.

XXIV.

The Court may from time to time alter, amend, or add to these presents by a special resolution in that behalf, and such alteration, amendment or addition shall, when allowed by Us, our Heirs, or Successors, or by any committee of Our Most Honourable Privy Council, or otherwise as We or They shall think fit, become effectual so that these presents shall thenceforward continue and operate as though they had been originally granted and made as so altered, amended, or added to. This article shall apply to this Charter as altered, amended, or added to in any manner aforesaid.

XXV.

A special resolution is a resolution passed at one meeting of the Court and confirmed at a subsequent meeting, held not less than one month, nor more than three months after the former, provided that the resolution be passed at each meeting by not less than three-fourths of the members of the Court present and voting thereon.

XXVI.

In this Our Charter 'Statutes' means the Statutes set forth in the schedule hereto and any Statutes altering, amending, adding to, or repealing the same or any of them which may hereafter be made and may be allowed by Us in Council, or by a committee of Our Council.

'Ordinances' means acts of the Court under the powers conferred by this Our Charter to which Our further sanction is not hereby or by Statute required.

'Regulations', except when otherwise required by the context, means Regulations made pursuant to this Our Charter or the Statutes.

XXVII.

Our Royal Will and pleasure is that this Our Charter shall always be construed and adjudged in the most favourable and beneficial sense for the best advantage of the University, and the promotion of the objects of this Our Charter as well in all our Courts as elsewhere notwithstanding any non-recital, mis-recital, uncertainty or imperfection herein.

Handicapped Persons

Council and Senate have declared that handicapped persons who are otherwise suitably qualified shall not be unnecessarily prejudiced on account of their handicap in the enjoyment or exercise of all privileges, including admission to University courses and appointment as members of staff and, recognising the special needs of handicapped persons, have resolved:

(1) That all practicable steps shall be taken to ensure for them safe access and working conditions on the premises of the University.

(2) That no application from a handicapped person who seems otherwise suitable shall be rejected before he has been given an opportunity of discussing how he would overcome his difficulties with the relevant admissions officer or appointing committee.

A committee of Council has been established to keep under review the needs of handicapped persons in the University and to advise on their implications.

Statutes

I. The University Court

A. The University Court (hereinafter called the Court) shall consist of the following persons:

1. *Ex officio* members, the Chancellor, the Pro-Chancellor, the Vice-Chancellor and the Treasurer, and Life Fellows of the University.

2. All present and future members of the University Council, during their tenure of office.

3. Each present member of the Court who is a member either as a donor of £1,000 to the University or as the nominee of a company, society, or partnership firm which has made a donation of £1,000 to the University.

Six representatives of the Clothworkers' Company of London; one representative of the Skinners' Company of London; one representative of the Drapers' Company of London; one representative of the Trustees of William Akroyd's Foundation; one representative of the Dyers' Company of London.

4. Representatives of public authorities:
Three from North Yorkshire County Council
Two from Cleveland County Council
One from Humberside County Council
Four from Leeds City Council
Three from Bradford City Council
One from York City Council
One from Kingston upon Hull City Council
One from Barnsley Borough Council
Two from Calderdale Borough Council
Two from Kirklees Borough Council
Two from Wakefield City Council
One from Middlesbrough Borough Council
One from the Council of each of such other county, city, borough or district councils to be created in future as may be approved by the Court.

5. Representatives of the University:
Twelve from the Faculties
Representatives (not exceeding five in all) of the Convocation: one representative for every hundred members up to 500.

6. Representatives of other institutions:
Representatives of such affiliated institutions as the Court may determine, and
One representative of the Victoria University of Manchester
One representative of the University of Liverpool
One representative of such other English university as the Court may determine
One representative appointed by the Governing Body of Leeds Polytechnic
One representative appointed by the Governing Body of Huddersfield Polytechnic

One representative from the University of Bradford
One representative from the University of Hull
One representative from the University of Sheffield
One representative from the University of York.

7. Representatives of schools:
Eight representatives of the head masters and mistresses of senior schools in Yorkshire, such representatives to be appointed by the Court.

8. Other members:
Three persons appointed by the Crown
Not less than ten nor more than twenty persons elected by co-optation by the Court.

Except as otherwise by the Charter provided, and subject to the Statutes of the University, the Court may determine all matters relating to the nomination, appointment, and election of members of the Court and Council, and their respective periods or terms of office, and all other matters relating to the constitution of the Court and Council.

B. The Court shall have power to delegate its functions to the Council except as otherwise provided, and to delegate to the Senate the power to award degrees other than *ad eundem* degrees, degrees conferred on persons who hold office in the University, and honorary degrees.

The periods during which members of the Court respectively shall hold office shall be as follows:

The Chancellor, the Pro-Chancellor, the Vice-Chancellor, the Treasurer, and all future members of the University Council shall hold office during the time they occupy the positions named respectively.

Each present member of the Court who is a member either as a donor of £1,000 to the University or as the nominee of a company, society, or partnership firm which has made a donation of £1,000 to the University, shall hold office for their respective lives or until resignation.

All other members mentioned in clauses A2, A3, above and all members mentioned in clause A4 above, shall hold office for one year from the date of appointment. Of the members mentioned in clause A5, the 12 representatives of the Faculties shall hold office for two years from the respective dates of appointment, and six of such members, to be selected by lot or otherwise as the Court shall determine, shall retire in each year; provided that if a representative of a Faculty ceases to be a member of the Faculty he shall cease to be a member of the Court. The representatives of Convocation shall hold office for two years from the date of appointment. Members mentioned in clauses A6 and 7, shall hold office for two years from the respective dates of appointment. Members mentioned in clause A8 shall hold office for five years from the respective dates of appointment, but of the members appointed by co-optation two, to be selected by lot or otherwise as the Court shall determine, shall retire each year.

All retiring members shall be eligible for reappointment or re-election.

Appointees or representatives need not be members of the bodies appointing.

Any member of the Court may resign such membership at any time by letter addressed to the Registrar of the University.

Any casual vacancy occurring by resignation, incapacity, or death among the appointed or representative or co-opted members shall be filled up as soon as convenient by the person or body which appointed or co-opted the member whose place has become vacant. If such member was a member for a term of years the person appointed to supply his place shall be a member of the Court for the remainder of that term.

Fifteen members of the Court shall form a quorum.

II. The University Council

A. The University Council (hereinafter called the Council) shall consist of the following persons, namely:

The Chancellor, the Pro-Chancellor, the Vice-Chancellor, the Pro-Vice-Chancellors and the Treasurer

Two representatives of the North Yorkshire County Council

One representative of Cleveland County Council

One representative of Humberside County Council

Three representatives of Leeds City Council

One representative of Bradford City Council

One representative of Barnsley Borough Council

One representative of Calderdale Borough Council

One representative of Kirklees Borough Council

One representative of Wakefield City Council

One representative from the Council of each of such other county, city, borough or district councils to be created in future as may be approved by the Court

Two representatives of the Clothworkers' Company of London

Six members of the Senate to be elected by the Senate

Twelve representatives to be elected by and from the members of the Faculties who are not members of the Senate

One member to be elected from each of the categories of academic-related, ancillary, clerical and technical staff from such constituencies and under such regulations as may be determined from time to time by the Council

Four members to be elected by Convocation

One member nominated by the Workers' Educational Association (Yorkshire North District)

Three members nominated by the Trades Union Congress

The Director of Leeds Polytechnic

The Director of Huddersfield Polytechnic

Nine students: the General Secretary of the Leeds University Union and eight other students, to be chosen in such manner as may be determined from time to time by the Council*

One representative of the University of York

One member to be nominated by the Crown

26 members, not being students of the University or members of Faculty, to be elected by the Court

Provided that a person of age 71 years or over shall not be eligible for election or re-election by the Court as a member of Council.

* Subject to the approval of the Court and the Privy Council

B. The periods during which the members of the Council respectively shall hold office shall be as follows:

The Chancellor, the Pro-Chancellor, the Vice-Chancellor, the Pro-Vice-Chancellors and the Treasurer shall hold office for the time during which they occupy the positions named respectively.

The representative of the Crown shall hold office for five years.

Representatives of the Court shall hold office for three years (eight or, as appropriate, nine, to be selected by ballot or otherwise as the Council shall determine, retiring each year).

Representatives of local authorities shall hold office for two years.

Representatives of the Senate shall hold office for two years.

Representatives elected by the Faculties shall hold office for three years, then being ineligible for re-election for a further two years.

Members elected by each of the categories of academic-related, ancillary, clerical and technical staff shall hold office for three years, then being ineligible for re-election for a further two years.

Representatives of the Convocation shall hold office for four years, then being ineligible for re-election for a further two years.

All other members of the Council shall hold office for one year from the date of appointment.

Subject to the provisos contained in the foregoing sub-sections, all retiring members shall be eligible for reappointment or re-election.

Except as hereinbefore provided appointees or representatives need not be members of the bodies appointing.

Any member of the Council may resign such membership at any time by letter addressed to the Registrar of the University.

Any casual vacancy occurring by resignation, incapacity, or death among the appointed or representative members shall be filled up as soon as convenient by the person or body which appointed the member whose place has become vacant. If such member was a member for a term of years the person appointed to supply his place shall be a member of the Council for the remainder of that term.

Ten members of the Council shall form a quorum.

III. Powers of the Council

Subject to the provisions made in the Charter and Statutes, the Council shall have the following powers:

To nominate the Pro-Chancellor and the Vice-Chancellor.

To elect jointly with the Senate professors and other academic officers of the University.

To elect jointly with the Senate a Registrar and other officers of the University for such periods and under such conditions as may be determined by the Council.

To institute upon the recommendation of the Senate professorships, readerships, lectureships, or other teaching offices.

To abolish or hold in abeyance, upon the recommendation of the Senate, any professorship, readership, lectureship or other academic office in the University.

To draft Statutes and Ordinances as and when it sees fit and submit the same to the Court.

Provided that any Statute or Ordinance relating to courses of study shall not be adopted without giving the Senate the opportunity of reporting thereon.

To make regulations for any purposes for any purposes for which regulations are or may be authorised to be made.

To govern, manage, and regulate the finances, accounts, investments, property, business, and all affairs whatsoever of the University, and for that purpose to appoint bankers, deputy treasurers, and any other officers or agents whom it may seem expedient to appoint.

To invest any moneys belonging to the University, including any unapplied income in such stocks, funds, fully paid shares or securities as the Council shall from time to time think fit, whether authorised by the general law for the investment of trust moneys or not, and whether within the United Kingdom of Great Britain and Northern Ireland or not or in the purchase of freehold, or leasehold hereditaments in the United Kingdom, including rent charges, or chief rents, with the like power of varying such investments from time to time by sale and reinvestment or otherwise.

To sell, buy, exchange, lease, and accept leases of real and personal property on behalf of the University.

To provide the buildings, premises, furniture, and apparatus and other means needed for carrying on the work of the University.

To enter into, vary, carry out, and cancel contracts on behalf of the University. Any contract entered into on behalf of the University may be made in any manner authorised by law for the making of contracts by or on behalf of companies incorporated under the Companies' Act of 1948.

IV. The Vice-Chancellor

The Vice-Chancellor shall exercise general supervision over the educational arrangements of the University and maintain the discipline of the University, for which he shall be responsible to the Council. He shall have the sole power of suspending or dismissing any offending student, but before the exercise of his power he may refer the case for hearing and report to an Advisory Committee on Student Discipline appointed by the Council of the University. A student may appeal from a decision of the Vice-Chancellor to a Student Discipline Appeals Committee appointed by the Court of the University. The procedure in cases which may involve the suspension or dismissal of a student shall include provision for the student to have notice of the charge made against him, the right to a hearing, and the right to call and cross-examine witnesses.

V. The Senate

The Senate of the University shall consist of:

(a) Heads of departments and chairmen of schools as prescribed in the Ordinances or acting heads of departments or chairmen of schools appointed to that office during the period of any vacancy in the headship of the department or chairmanship of the school;

(b) Fifty-one members of Faculties elected by the Faculties, in such manner as the Council may, on the recommendation of the Senate, from time to time determine:

(c) *Ex officio* members:
The Vice-Chancellor
The Pro-Vice-Chancellors
The Dean of the Faculty of Medicine

The Librarian
The Director of Combined Studies in the Faculty of Science
The Director of the Institute for Transport Studies
The Director of the Multidiscipline Laboratories
The Director of the University Computing Service
The Senior Deputy Chairman of Appointing Committees
The Sub-Dean of the Faculties of Arts, Economic and Social Studies and Law
The Chairmen of the several Boards of Faculties and the Chairman of the Board for Collegiate Academic Awards
The Principal of each college affiliated to the University under the terms of Ordinance I which offers degree schemes validated by the University

(d) Not more than seven co-opted members from the Faculties;

(e) Fourteen students: the General Secretary of the Leeds University Union, two other officers of the Union, nominated by the Union, and eleven other students elected from the Faculties in such manner as the Council may from time to time determine on the following basis:

Two from the Faculty of Arts
Two from the Faculties of Economic and Social Studies and Law
One from the Faculty of Education
Two from the Faculty of Science
Two from the Faculty of Engineering
Two from the Faculty of Medicine

Professors of the University, who are not members of the Senate under clauses (a), (b), (c) or (d) of this Statute shall have the following rights:

(i) to receive copies of all papers circulated for consideration at meetings of the Senate;
(ii) to attend meetings of the Senate and to participate in its discussions, provided that they shall not exercise a vote on any motion before the Senate or in any other proceeding of the Senate.

Members elected or co-opted under clauses (b) and (d) shall hold office for up to three years.

Members elected under clause (e) shall hold office for one year.

The Senate shall have the following powers:

To make and submit to the Council, after report from the Board or Boards of Faculties concerned, all Regulations for giving effect to the Statutes and Ordinances of the University relating to courses of study.

To appoint external and internal examiners after report from the Board or Boards of Faculties concerned.

To report to the Council, after report from the Board or Boards of Faculties concerned, on all Ordinances relating to courses of study.

To report to the Council on Statutes or Ordinances or proposed changes of Statutes or Ordinances.

To report on any matter referred to or delegated to it by the Court or the Council.

To discuss and declare an opinion on any matter whatsoever relating to the University.

To elect, jointly with the Council, professors and other academic officers of the University.

To elect, jointly with the Council, a Registrar and other officers of the University for such periods and under such conditions as may be determined by the Council.

UNIVERSITY
LIBRARY
LEEDS

To formulate and modify or revise, subject to the control of the Council, schemes for the organisation of Faculties of Arts, Economic and Social Studies, Law, Science, Engineering, Medicine and Education and any other Faculties of the University, and to assign to such Faculties their respective subjects; also to report to the Council as to the expediency of the establishment at any time of other Faculties or as to the expediency of the abolition, combination, or sub-division of any Faculties.

To fix, subject to any conditions made by the founders which are accepted by the Court, the times and mode and conditions of competition for fellowships, scholarships and other prizes, and to award the same.

To regulate the admission of students.

To make recommendations to the Council on all matters pertaining to the provision and use of hereditaments, buildings, premises, furniture, equipment, moneys and other means needed for carrying on the work of the University.

To do such other acts and things as the Court shall authorise.

No new degree shall be established or other distinction of honour or merit adopted until the Senate has had an opportunity to report thereon.

VI. Faculties

Each of the Faculties shall respectively consist of:

1. The professors, readers and lecturers assigned thereto by the Council on the recommendation of the Senate.

2. Such other teachers of the University as may be appointed to the Faculty by the Council on the recommendation of the Senate.

Provided that all members of the full-time teaching staff who are appointed professors, readers or lecturers shall be assigned by the Council to membership of the appropriate Faculty at the time of their appointment; and provided also that no person with the exception of the Vice-Chancellor shall be eligible to be a member of more than one Faculty unless the second Faculty be the Faculty of Education.

3. Such other persons as may be appointed by the Council of the University on the recommendation of the Senate.

Members of Faculties shall elect to the Court of the University twelve representatives as provided in Statute I(A)(5).

Members of Faculties who are not members of the Senate shall elect to the Council of the University twelve representatives from among their number as provided in Statute II(A).

Members of Faculties shall elect fifty-one members to the Senate as provided in Statute V.

Each Faculty shall have the power of presenting recommendations and reports to the Senate upon all matters connected with the subjects of study embraced by the Faculty, and to discuss and declare an opinion on any matter whatsoever relating to the University.

The Faculties of the University shall be those of Arts, Economic and Social Studies, Law, Science, Engineering, Medicine and Education.

The Vice-Chancellor shall be a member of each of the several Faculties and Boards of Faculties.

There shall be a dean of each Faculty elected by that Faculty, or otherwise as the Council shall direct. He shall preside at the meetings of the Faculty and hold office during such period and with such powers as shall be determined by Statute or Ordinance, and shall be

eligible for re-election, except that in the Faculty of Medicine, the Dean shall be appointed by the Council on the recommendation of the Vice-Chancellor.

VII. Powers of the Boards of Faculties

The Boards of Faculties respectively shall have the powers following:

To regulate, subject to the control of the Senate, the teaching and study of the subjects assigned to the Board in question.

To make recommendations as to the appointment of examiners.

To report to the Senate on Ordinances and Regulations dealing with courses of study for degrees and other distinctions, and on any question relating to the work of the respective Faculties.

To deal with any matter referred to or delegated to them by the Senate.

VIII. Departments

Each of the departments and other bodies having the functions of departments shall respectively consist of:

(a) the professors, readers and lecturers appointed thereto by the Council on the recommendation of the Senate;

(b) such other members of Faculties as may be appointed thereto by the Council on the recommendation of the Senate.

Each department shall have a head or chairman appointed by the Council and responsible to the Council and the Senate.

Each department shall hold regular meetings (on at least one occasion in each term) to which all members of the department shall be summoned.

The head of the department shall be responsible for convening such meetings and for the conduct of business thereat in such manner as may be determined from time to time by the Senate. In conducting the work of the department, the chairman or head shall take account of the recommendations made by the departmental meeting.

A secretary shall be appointed to keep a record of business transacted and recommendations made.

Each department shall have the power of presenting recommendations and reports to the appropriate University authority upon matters connected with the subjects of study embraced by the department, or on any matter touching the work of the department or the University.

Where a department has a written constitution such constitution shall be subject to the Statutes and Ordinances of the University and shall be subject, together with any amendments thereto, to the approval of the Council on the recommendation of the Senate.

Each department shall consult with representatives of the students of the department in such manner as it considers appropriate having regard to any directions on this matter that the Council and the Senate may from time to time promulgate.

Departments and other bodies having the functions of departments shall be designated by Ordinance.

IX. Convocation

A register shall be kept containing the names of all persons who are members or associate members of Convocation according to the provision made by the Charter.

The following persons shall be eligible to elect to be admitted as associate members of Convocation:

(a) those who have been registered as students of the University but have not had conferred on them a degree of the University;

(b) those who are or have been members of the academic, administrative, library, research and analogous and other related staff of the University and who are graduates of other Universities or possess qualifications deemed equivalent to a University degree and who are not currently members of the Faculty.

The register shall be conclusive evidence that any person whose name appears therein at the time of claiming to vote in Convocation is entitled to vote, and that any person whose name does not appear therein is not so entitled.

A meeting of Convocation shall be summoned at least once in every year and at such other times as Convocation may by its bye-laws determine.

X. University Union

There shall be a Union of the students of the University.

XI. Auditor

The Court shall annually appoint an auditor, who shall be a member of the Institute of Chartered Accountants of England and Wales, or of the Incorporated Society of Accountants and Auditors, in the active practice of his profession, who shall receive such remuneration as may from time to time be determined by the Court.

Acceptance of office by an auditor shall be deemed to carry with it an undertaking by the auditor to the University that every certificate given by him, or passing of accounts by him, implies that he had satisfied himself by full and careful investigation (made by himself or agents, for whom he undertakes to be responsible) by every reasonable means within his power, and after the exercise of due professional skill, that the statements in the certificates are true and accurate, and that any accounts certified or passed are complete, true and accurate.

XII. Procedure

1. In any case where a student is a member of an authority of the University or a Committee thereof, the student shall withdraw from the meeting when it is declared by the Chairman of the meeting that the meeting is about to discuss a reserved area of business and shall not return to the meeting until the discussion on the reserved area of business is concluded.

2. Papers for consideration at any such meeting as aforesaid and other records any of which relate to reserved areas of business shall not at any time be made available to a student.

3. Reserved areas of business are matters affecting the appointment, promotion and personal affairs of individual members of the staff of the University and matters affecting the admission and academic assessment of individual students. Subject to the above, the

Chairman of the meeting may decide in any case of doubt whether a matter is a reserved area of business or not and his decision shall be final.

XIII. Examination requirements for entry upon degree courses

1. Matriculation into the University, to be completed by students before entering upon degree courses, shall consist of such examination or examinations as may be determined and conducted by the joint board constituted as hereinafter prescribed.

2. The joint board shall consist of thirty-two members, four to be appointed annually by each of the universities of Manchester, Liverpool, Leeds, Sheffield and Birmingham, and twelve to be appointed annually by the board from persons of experience in the practice or administration of education.

The functions of the joint board shall be the matriculation of candidates into the five constituent universities and the provision of examinations and related educational services for such educational institutions and such candidates as may be considered appropriate.

3. The joint board shall determine the conditions and subjects of such examination or examinations together with the exemptions and conditions of exemption therefrom, provided that the Senate of each university shall have power to exempt therefrom such persons as it may judge suitably qualified by higher study or research to enter upon a course for a degree.

4. The board shall, with the consent of the five universities concerned, have power to prescribe particular subjects to be passed as a condition of admission into particular Faculties, provided that at any time after any regulation to that end shall have been prescribed by the board, any of the five universities shall have power to cause it to cease to be operative, on the expiration of two years from the date of notice to be given to the board, so far as concerns such university.

5. The regulations of the board regarding the examinations conducted by it shall not affect the power of each university (a) to reqùire a standard higher than that of the examination for matriculation in any subject or subjects as a condition of admission into any Faculty or school; (b) to require candidates as a condition of admission into its several Faculties and Honours schools and courses leading to a particular degree to have passed in such subjects as the university may determine; (c) to determine how far the examinations recognised by the joint board as exempting from the examination for matriculation shall be accepted by the university concerned as satisfying the requirements made by the university under sections (a) and (b) of this clause; (d) and to admit students who have not passed the examination for matriculation to such classes as it may think fit.

6. When any change in the regulations regarding the examination for matriculation is carried in the joint board by a majority of less than two-thirds of the members who are present, the question at issue shall, if any four members present and voting so require, be referred to each of the five universities, who shall each then nominate two additional members of the board for the purpose of dealing with such question. The decision of the board so constituted shall be final.

7. The board shall send annual reports to each university.

8. The five universities shall contribute to the expenses of the joint board in such proportions as may be from time to time determined.

XIV. Periods of study before graduation

The period of study necessary to qualify any student for a bachelor's degree, all of which shall be subsequent to the date at which the student passes the examination for

matriculation, shall be not less than three years, except that for serving teachers wishing to proceed to the degree of B.Ed. and having professional qualifications and experience as required by Ordinance, the period of study shall be not less than one year of full-time or two years of part-time study.

XV. Definitions

In these Statutes:
'Statutes' means the Statutes of the University.
'Ordinances' means Ordinances made pursuant to the Charter or Statutes.
'Regulations' means Regulations made pursuant to the Charter or Statutes.

Ordinances

[Made by the Court in accordance with the provisions of clause X of the Charter.]

I. Affiliated Colleges and Institutions

1. Colleges and institutions may be admitted to affiliation by the Council upon the recommendation of the Senate. The Senate, before recommending the affiliation of any such college or institution, shall satisfy itself:

(a) that the college or institution has attained a satisfactory standard of educational efficiency for the purposes for which affiiliation is sought, and is established on a permanent basis;

(b) that the majority of regular students in such college or institution have attained the age of seventeen years.

2. Students of affiliated colleges or institutions who have attained the age of seventeen years and have passed the matriculation examination or are exempt therefrom:

Either (a) may be exempted by the Council from any courses or parts of courses of study in the University provided they have successfully followed a part or the whole of a course of study approved for the purpose by the Senate;

or (b) may be regarded as fulfilling the requirements of Statute XIV by attending at any such college or institution a course of study approved by the Senate.

3. The Council shall, after a report from the Senate, determine any privileges to which the students of affiliated colleges or institutions may be admitted.

4. Any college or institution desiring to avail itself of the provisions set out under (a) in Article 2 of this Ordinance shall:

(i) make provision to the satisfaction of the Council for the representation of the University on the body which determines the courses submitted for the approval of the University;

(ii) submit for the approval of the Senate courses of study whose duration, scope and standard shall be equivalent to the corresponding courses of the University;

and any college or institution desiring to avail itself of the provisons set out under *(b)* in Article 2 of this Ordinance shall make provision to the satisfaction of the Council for representation on the governing body of the college or institution both of the University and of the academic staff of the college or institution.

5. The University shall have the right, after due notice to the governing body concerned, to inspect, from time to time, the buildings and resources required for the teaching of courses as provided under Articles 2 and 4 of this Ordinance.

6. The Council, after a report from the Senate and any representations from the college or institution concerned, may at any time withdraw any privileges which may have been granted under this Ordinance, or disaffiliate the said college or institution.

7. The benefit of this Ordinance may be restricted to constituent parts of colleges or institutions.

8. Colleges and institutions affiliated with the University in accordance with the provisions of this Ordinance are:

(a) Colleges offering degree schemes approved by the University:
Bretton Hall College of Higher Education
North Riding College
College of Ripon and York St. John
Trinity and All Saints' College

(b) Institutions offering other courses approved by the University:
Huddersfield Polytechnic Faculty of Education
Leeds Polytechnic Faculty of Educational and Leisure Studies, Department of Education

(c) The College of the Resurrection, Mirfield (affiliated 18 May 1904; revised 1 October 1968). Attendance at certain classes in the College is recognised as exempting candidates from attendance at courses in the University for the Postgraduate Diploma in Theology.

(d) Doncaster Metropolitan Institute of Higher Education Department of Mining and Mineral Resources Engineering (affiliated 1 October 1974; title of institution changed in 1977). Attendance at certain classes in this Department of the College is recognised as exempting candidates from attending classes in the University in the first two years of study for the ordinary degree of Bachelor of Science, and in the first year of study for the degree of Bachelor of Science with honours.

II. Degrees in Arts

III. Degrees in Education

IV. Degrees in Law

V. Degrees in Science

VI. Degrees in Engineering

VII. Degrees in Medicine and Surgery

VIII. Degrees in Dental Surgery

IX. Collegiate Awards

X. Research Degrees

[Ordinances II to X governing the above-mentioned degrees are set out in full in subsequent pages of the Calendar.]

XI. Recognition of courses and examinations of the Victoria University

1. The Senate, or any committee of the Senate appointed for that purpose, is hereby empowered to recognise courses of study pursued and examinations passed by students of the Yorkshire College or of the University of Leeds in the Victoria University or the Victoria University of Manchester prior to 1st January, 1905, as equivalent to corresponding courses and examinations in the University of Leeds.

2. The Senate, or any committee of the Senate appointed for that purpose, is hereby also empowered to make such concessions in exemption from examinations and from attendance on courses of study, as may be required to place a past or present student of the Univerisity or of the Yorkshire College, who has been admitted thereto before 1st October, 1904, in as favourable a position in the above respects as if he had become or had continued to be a student of the Victoria University or of the Victoria University of Manchester.

3. A student of the Yorkshire College, who before 31st December, 1904, has passed a final examination of the Victoria University or of the Victoria University of Manchester, for the Bachelor's degree in the Faculty of Arts, Science, Law, or Medicine shall be entitled to be admitted to the Bachelor's degree of the University of Leeds; and if he has been admitted to the Bachelor's degree of the Victoria University or the Victoria University of Manchester he shall be entitled to proceed to the higher degrees of the University of Leeds on the same conditions as if he had graduated in this University.

XII. Recognition of courses and examinations of other residential universities and institutions of higher education*

1. Subject to the provisions of the Charter and Statutes the Senate, or any committee of the Senate appointed for that purpose, is hereby empowered to allow members of any university or other approved institution of higher education, after matriculation at the University of Leeds, and presentation of certificates of conduct satisfactory to the Senate or committee, to count periods for which they have been registered at such other university or institution of higher education as equivalent to such periods of registration for a first degree at the University of Leeds as the Senate or committee may determine, provided that no degree of this University shall be conferred on any such person unless he shall have pursued an approved course of study in this University extending over at least the equivalent of two years full-time registration, and shall have passed the final examinations of the University of Leeds for such degree.

2. Undergraduates of the University of Leeds who are pursuing an approved course of instruction leading to a first degree of the University may be allowed to count periods for which they have been registered at other universities or approved institutions of higher education during their undergraduate course as equivalent to such periods of registration at the University of Leeds as the Senate, or any committee appointed for that purpose, may from time to time determine, provided that no degree of this University shall be conferred upon any such undergraduate unless he shall have pursued an approved course of study in this University extending over at least the equivalent of two years full-time registration, and shall have passed the final examinations of the University of Leeds for such degree.

3. Undergraduates at other universities or approved institutions of higher education who are permitted to proceed under the provisions of Article 1 or 2 of this Ordinance as members of this University may be allowed to count examinations passed by them at such other universities or institutions of higher education as equivalent to such examinations or portions of examinations other than the final examination of this University as the Senate, or any committee of the Senate appointed for that purpose, may from time to time determine.

XIII. Conferment of degrees upon former students of the Yorkshire College

1. As to the conferment of *ad eundem* degrees on students who have attended full courses of study at the Yorkshire College and have graduated at various universities, but who have not been admitted to the college Associateship:

* The provisions of article 1 of this Ordinance are applied only to candidates for the degree of Bachelor.

Graduates of the Victoria University shall be offered the same degrees in the University of Leeds as those which they have received from the Victoria University.

Graduates in medicine of other universities shall be admissible on application to the M.B. degree of the University of Leeds.

Applications from non-medical graduates of other universities who have been students of the Yorkshire College shall be considered on their merits.

In every case of admission under the above conditions a fee of 52p shall be charged.

2. As to Associates of the Yorkshire College:

Graduates of the Victoria University shall be offered the same degrees in the University of Leeds as those which they have received from the Victoria University.

Graduates of other universities shall be offered the degree of Bachelor in this University in the Faculties in which they graduated elsehwere.

All Associates of the Yorkshire College admitted to degrees of the University of Leeds under these conditions shall be admitted without fee.

3. All persons admitted to degrees of the University of Leeds under the foregoing conditions shall be admissible as life members of the Convocation of the University.

4. No graduate admitted under the above conditions to a lower degree shall be precluded from proceeding in the University of Leeds to a higher degree in his particular Faculty.

XIV. Standing of certain graduates in proceeding to higher degrees

1. Graduates of other universities who have been admitted to degrees of equal or similar rank in this University shall be allowed, in proceeding to higher degrees, to count their standing as graduates from the date of their graduation in such other universities.

2. Associates by examination of the Yorkshire College who have been admitted to degrees in this University shall be allowed, in proceeding to higher degrees, to count their standing as graduates from the date of admission to the Associateship.

XV. Award of degrees by Senate

The Senate is hereby empowered to award degrees other than 1. *ad eundem* degrees, 2. degrees conferred on officers of the University, and 3. Honorary degrees, in accordance with the provision in that behalf contained in Statute 1 B.

XVI. Award of degrees by Council

1. The Council is hereby authorised to grant to any professor of the University, or to any lecturer who is the head of any department in the University, a degree not higher than that of Master in the Faculty in which he has graduated, or, in the case of a professor or lecturer holding no degree, such degree, not higher than that of Master, as the Council may determine.

2. The Council is authorised, if it thinks fit, to grant to any other officer of the University such degree, not higher than that of Master, as it may determine, but no such degree shall be conferred until a report has been received from the Senate.

3. No medical degree shall be conferred under either of the above provisions 1. and 2. upon a person who does not already possess a registrable medical qualification: and no person, in virtue of a degree conferred under either of these provisions, shall be allowed to proceed to a degree higher than that to which he has been admitted.

XVII. Joint Matriculation Board

The Council is hereby empowered to elect annually or as may be required four members of the Joint Matriculation Board of the Universities of Manchester, Liverpool, Leeds, Sheffield and Birmingham.

XVIII. Diplomas

Diplomas shall be granted by the University, in such subjects as the Council may from time to time determine, to students who pursue the courses of study and pass the examination prescribed.

The Council is empowered to make from time to time Regulations under which such diplomas shall be awarded.

The award of diplomas under the provisions of this Ordinance is delegated to the Senate.

XIX. Regulations for procedure

The Council, Senate, Faculties, Boards of Faculties, Departments and Convocation are hereby empowered to enact Regulations for the conduct of their business and that of their committees, subject to the provisions of the Charter and Statutes.

XX. Fees

The Council is hereby empowered, after giving the Senate an opportunity of reporting thereon, to appoint such registration, examination, class, laboratory, and other fees to be paid by students and others as the Council may from time to time determine, and to increase, reduce or abolish the same.

XXI. Regulations for examinations

Subject to the provisions of the Charter, Statutes, and Ordinances of the University, the Council is hereby empowered to adopt regulations, or to delegate to the Senate the making of regulations, as to the subjects, times, modes, and standards of the examinations.

XXII. Admission to examinations

Before admission to any examination candidates must pay the examination fee. The admission of all students to the examinations of the University shall be subject to the approval of the Vice-Chancellor.

XXIII. External examiners

The Senate is hereby empowered to appoint external examiners on such conditions as to tenure of office, remuneration, and otherwise as the Council may from time to time determine.

XXIV. Prizes

The Council is hereby empowered, upon report from the Senate, to institute such class and other prizes as it may from time to time determine, and to vary their value and to abolish the same.

XXV. Examination of schools and extension lectures

The Senate is hereby empowered to examine and inspect schools and other educational institutions and to provide lectures and instruction for persons not members of the University under such Regulations as the Council may from time to time adopt. The Senate is empowered to award certificates in connection with lectures and instruction for persons not members of the University.

XXVI. Tenure of office of Deans of Faculties

The deans of all faculties, excluding the Dean of the Faculty of Medicine, shall be elected for periods not exceeding three years at a time.

XXVII. Departments

Departments, and other bodies having the function of departments, of the University shall be as follows:

Adult and Continuing Education
Anaesthesia
Anatomy
Animal Physiology and Nutrition
Applied Mathematical Studies

Biochemistry
Biophysics

Cardiovascular Studies
Ceramics
Chemical Engineering
Chemical Pathology
Child Dental Health
Chinese Studies
Civil Engineering
School of Classics
Colour Chemistry and Dyeing
Community Medicine
Computer Studies

Dental Surgery

Earth Sciences
School of Economic Studies
School of Education
Electrical and Electronic Engineering
School of English

Fine Art
Food Science
Forensic Medicine
French
Fuel and Energy

General Practice
Genetics
School of Geography
German Language and Literature

School of History

Immunology
Inorganic and Structural Chemistry
Italian Language and Literature

Law
Linguistics and Phonetics

Management Studies
Mechanical Engineering
Medical Physics
Medicine (Leeds General Infirmary)
Medicine (St. James's Hospital)
Metallurgy
Microbiology
Mining and Mineral Engineering
Modern Arabic Studies
Music

Nuffield Institute for
Heath Services Studies

Obstetrics and Gynaecology
(Leeds Maternity Hospital)
Obstetrics and Gynaecology
(St. James's Hospital)
Oral Biology
Organic Chemistry
Orthopaedic Surgery

Paediatrics and Child Health
(Leeds General Infirmary)
Paediatrics and Child Health
(St. James's Hospital)
Pathology
Pharmacology
Philosophy
Physical Chemistry
Physical Education
Physics
Physiology
Politics
Psychiatry
Psychology
Pure and Applied Biology
Pure Mathematics

Radiodiagnosis
Radiotherapy
Restorative Dentistry
Russian Studies

Social Policy and Sociology
Spanish and Portuguese
Statistics
Surgery (Leeds General Infirmary)
Surgery (St. James's Hospital)

Textile Industries
Theology and Religious Studies

XXVIII. Register of Convocation

1. The Chancellor, the Vice-Chancellor, the Pro-Vice-Chancellor, and the members of the Faculties shall be registered as members of Convocation without payment of any fee, and their names shall be continued upon the register so long as they retain their qualifying offices.

2. All persons admitted to degrees of this University prior to 1st June, 1926, shall be entitled to be registered as members of Convocation upon payment of an appropriate fee.

3. Every person admitted to a degree (other than honorary) of this University shall, unless already a member of Convocation, be registered as such and the University shall pay into the funds of the Convocation that composition fee which the Court has deemed shall be necessary for such registration.

4. All honorary graduates shall be entitled to be registered as members of Convocation without payment of any fee.

XXIX. Communications from Council to Convocation

Convocation shall receive from the Council the draft of any Ordinance proposed which, in the opinion of the Council, would affect the status, position, rights, or privileges of

Convocation or the members thereof, and further, Convocation, if it so desires, may record its opinion on any draft Ordinance so submitted within one month from the date at which it has been received, and such opinion when recorded shall be taken into consideration by the Council.

XXX. 'Aegrotat' degree

If a candidate be prevented by illness or other sufficient cause from attending the whole or part of an examination for a degree, or from presenting any dissertation or thesis which may be required in connection with such examination, the Senate, upon report from the internal and external examiners concerned and upon such further evidence as they think fit, may if satisfied, thereupon treat him as a successful candidate in such examination, or impose such conditions as they think fit the fulfilment of which shall be precedent to such treatment; provided always that a candidate in an examination for a degree with honours shall not be placed in a class, and provided also that nothing in this Ordinance shall apply to the degrees in medicine and dental surgery.

The Senate on the recommendation of the Board concerned may allow a student whose course of study has been interrupted by illness or other sufficient cause to defer presenting himself for the examination in any honours school for such period as is thought fit.

General Regulations

1. Academic Dress

Academic dress shall be defined in three ways as follows:

Academic undress: a black gown.

Academic dress:
Bachelors and Masters of Engineering: black Bachelor's gown with appropriate hood
Masters: black Master's gown with appropriate hood
Doctors: black Master's gown with appropriate Doctor's hood.

Full academic dress:
Bachelors and Masters of Engineering: black Bachelor's gown with appropriate hood and cap
Masters: black Master's gown with appropriate hood and cap
Doctors: appropriate Doctor's gown and cap without hood except where the gown is not faced with the distinctive colour of the doctorate, in which case the hood will also be worn.

All hoods shall be without cape, except for Masters of Philosophy and Doctors, and the hoods of Bachelors shall be lined. The colours of hoods appropriate to graduates of the University shall be as follows:

Bachelors of Arts: dark green

Bachelors of Arts (Collegiate): dark green with a one-inch band of mid-green laid on the outside

Bachelors of Music: dark green with a one-inch band of white silk laid on the outside

Bachelors of Divinity: dark green with white lining and band and with one inch of scarlet laid on the white silk

Bachelors of Commerce: light green lined with dark green

Bachelors of Education: dark green with a one-inch band of light green laid on the outside

Bachelors of Laws: light green

Bachelors of Science: middle green

Bachelors of Science (Collegiate): middle green with a one-inch band of dark green laid on the outside

Bachelors of Engineering: middle green lined with dark green

Masters of Engineering: middle green lined with dark green with a one-inch band of dark green laid on the outside

Bachelors of Medicine and Bachelors of Surgery: dark green lined with light green

Bachelors of Dental Surgery: dark green lined with middle green

Masters of Arts: dark green with white lining

Masters of Arts (Collegiate): dark green lined with white with a one-inch band of black laid on the outside

Masters of Music: dark green with white lining with a one-inch band of white silk laid on the outside

Masters of Education: dark green with white lining and band and with one inch of middle green laid on the white silk

Masters of Business Administration: light green with white lining and edged with dark green

Masters of Commerce: light green with white lining and band and one inch of dark green laid on the white silk

Masters of Laws: light green with white lining

Masters of Science: middle green with white lining

Masters of Science (Engineering): middle green with white lining and band and with one inch of dark green laid on the white silk

Masters of Philosophy: black stuff on silk lined with middle green and with narrow binding of scarlet to the hood

Masters of Public Health: dark green lined with light green with one-inch band of dark green laid on the light green

Masters of Medical Science: dark green with white lining and band and with one inch of light green laid on the white silk

Masters of Surgery: dark green with white lining and edged with light green

Masters of Dental Surgery: dark green lined with white and edged with middle green

Masters of Dental Science: dark green with white lining and band and with one inch of dark green laid on the white silk

Doctors of Philosophy: green lined with green with narrow bindings of scarlet

Doctors of Divinity: scarlet lined with dark green and with white bindings

Doctors of Music: scarlet lined with dark green and having a one-inch band of white watered silk laid on the green one inch from the edge

Doctors of Letters, Laws, Science, Engineering and Medicine: scarlet lined with green of the shade or shades appropriate to the faculty

The colours of gowns appropriate to graduates who are licentiates of the University shall be as follows:

Licentiates in dental surgery: black with facings and yoke of middle green with sleeves of elbow length bordered with green outside and white inside

Bachelors and Masters in all faculties: black

Doctors of Philosophy: green with sleeve linings of green and facings of green bound with scarlet

Doctors of Divinity: scarlet with sleeve linings of dark green and facings of white

Doctors of Music: scarlet with sleeve linings and facings of dark green with a one-inch band of white watered silk laid on the green one inch from the outside edge

Doctors of Letters, Laws, Science, Engineering and Medicine: scarlet with facings and sleeve linings of the shade of green appropriate to the faculty.

The caps of licentiates, Bachelors and Masters [both men and women] shall be of the usual hard square pattern.

The caps of Doctors of Philosophy shall be of black velvet of the usual pattern.

The caps of Doctors of Letters, Divinity, Music, Laws, Science, Engineering and Medicine shall be of black velvet of the usual pattern with a gold cord and a lining of the shade of green appropriate to the faculty.

Undergraduates of the University may wear black gowns.

The robe makers to the University by appointment shall be Messrs. Ede and Ravenscroft of 93 and 94 Chancery Lane, London WC2A 1DU. Representatives attend at Congregations of the University in order to robe persons who are to be presented for degrees.

2. The arms of the University

The arms of the University shall be 'Vert an open book proper edged and clasped gold inscribed with the words *Et augebitur scientia* between in chief three mullets argent and in base a rose of the last seeded proper. The crest shall be on a wreath of the colours a Greek sphinx sejant gules.'

3. Interference with the work of the University

Members of the University who engage in activities that deliberately obstruct any aspect of the work of the University or prevent members or employees from going about their lawful business will thereby render themselves liable to disciplinary action.

4. Precautions against ionising radiation and laser radiation

No person shall undertake work in the University with ionising radiation or with material which produces significant amounts of ionising radiation or with laser radiation except with the approval of the head of the department concerned; and any person who undertakes such work, or who may, for other reasons, be subject to ionising radiation or laser radiation in the University, must co-operate and participate in the application of any scheme of monitoring or testing which the Radiation Protection Adviser and Head of the Radiation Protection Service may require, and must attend such course of instruction as the head of department may require.

The University of Leeds

Visitor
Her Majesty the Queen

Chancellor
Her Royal Highness the Duchess of Kent, G.C.V.O., LL.D.

Pro-Chancellor
Colonel A C Roberts, M.B.E., T.D., J.P., D.L., M.PHIL.

Vice-Chancellor
Sir Edward W Parkes, SC.D., F.ENG.

Pro-Vice-Chancellor
Professor D L Lee, B.SC., PH.D., F.I.BIOL.

Treasurer
G Brotherton-Ratcliffe, B.A.

Dean of the Faculty of Arts
H Evans, B.A., D. DE L'UNIV., *Bordeaux*

Dean of the Faculty of Economic and Social Studies
A J Deacon, B.SC.(SOC.), PH.D.

Dean of the Faculty of Law
P J Seago, LL.M.

Dean of the Faculty of Education
M S Gosden, B.SC., PH.D.

Dean of the Faculty of Science
Professor D J Cove, M.A., PH.D.

Dean of the Faculty of Engineering
Professor A R Cusens, B.SC., PH.D., C.ENG., F.I.C.E., F.I.STRUCT.E., F.R.S.E.

Dean of the Faculty of Medicine
Professor J S Scott, M.D., F.R.C.S.ED., F.R.C.O.G.

Registrar
J J Walsh, M.A., F.R.S.A.

Bursar
R Head, F.C.A.

The Court

The Chancellor

The Pro-Chancellor

The Vice-Chancellor

The Treasurer

Life Fellows

Dr J W Belton, PH.D., D.SC.
Dr F W Chattaway, M.SC., PH.D.
R Forbes, D.F.C., B.COM., F.C.C.A.
J Grossman, B.A.
Dr D A Hall, PH.D., D.SC.
J Hartley, B.SC., F.G.S.
Dr W Houghton-Evans, M.A., PH.D., R.I.B.A., M.R.T.P.I.
M Kirk, J.P., M.A.
A J P Lockyer, M.A.
W H Trickett, M.SC.
Dr W K J Walls, M.B., CH.B., L.R.C.P., M.R.C.S.
Dr W F Williams, B.SC., PH.D., C.ENG., F.I.E.R.E., F.INST.P.

Members nominated by the Crown

Lord Ingrow, O.B.E., T.D.
Mrs Y B Jackson, D.L., O.B.E.
The Rt Revd the Lord Bishop of Ripon, M.A.

Members elected by the Court

B Askew, M.A.
Baroness Bacon of Leeds and Normanton, P.C., C.B.E., D.L., LL.D.
P Brannen, B.A.
S H Burton, M.A.
Ms M B Cassidy, B.A.
Lord Crathorne, M.A., D.L.
Mrs W Crump, J.P.
J A Edwards
Major General D Isles, C.B., O.B.E.
Mrs J E Kellett, B.COM.
Sir Timothy Kitson
The Rt Revd David Konstant, Bishop of Leeds
R Maxwell, M.C.

Elizabeth S North, B.A.
The Revd Canon J J Richardson, B.A., DIP.ED.
N W Richardson, M.C., T.D., F.R.S.C., F.A.I.
Miss S A Ryder, B.A.
K Shute, B.A.
J F Vickers, M.A., COMP.T.I.

Members for life

G Brotherton-Ratcliffe, B.A.
G P Norton, M.A., F.C.A.
W J Read
A V Symons, M.A., LL.D.

Representatives of associations	*Appointed by*
The Master of the Clothworkers' Company, C St G S Clarke	The Clothworkers' Company
The Chairman of the Trusts and Grants Committee, E C Bousfield, M.A.	The Clothworkers' Company
A Brown, N.D.A., J.P.	The Clothworkers' Company
Brigadier K Hargreaves, C.B.E., T.D., LL.D.	The Clothworkers' Company
C M Mowll, M.A.	The Clothworkers' Company
Emeritus Professor C S Whewell, B.SC., PH.D., C.CHEM., F.R.S.C., C.TEXT., F.T.I., C.COL., F.S.D.C.	The Clothworkers' Company
Vacant	The Skinners' Company
Vacant	The Drapers' Company
J L Turner	The Dyers' Company
R Marriott	William Akroyd's Foundation

Representatives of public authorities	*Appointed by*
County Councillor Squadron Leader J F Donaldson	North Yorkshire County Council
County Councillor J M Looker	North Yorkshire County Council
County Councillor T N M Stow	North Yorkshire County Council
County Councillor V Burton	Cleveland County Council
County Councillor P C Price	Cleveland County Council
County Councillor A H Turner	Humberside County Council
Councillor A Beevers	Leeds City Council
Councillor K Burnley	Leeds City Council
Councillor H J Gardiner	Leeds City Council
Councillor B Rich	Leeds City Council
Councillor M J G Millgate	Bradford City Council
Councillor W A Nunn	Bradford City Council
Councillor M Walters	Bradford City Council
Vacant	York City Council
Councillor T P Larsen	Kingston upon Hull City Council
Councillor H Lavender	Barnsley Borough Council
Councillor W Mullen	Calderdale Borough Council
Councillor P G Squibb	Calderdale Borough Council
Councillor J V Carter	Kirklees Borough Council
Councillor D Ripley	Kirklees Borough Council
A Edmondson	Wakefield City Council
W Clift	Wakefield City Council
Councillor D Bowe	Middlesbrough Borough Council

Representatives of University Bodies

The Faculties	*Elected by*
Dr D Fairer	The Faculty of Arts
J D Smart	The Faculty of Arts
Dr C L Baylies	The Faculty of Economic and Social Studies
Mrs M A Richards	The Faculty of Law
G T Wain	The Faculty of Education
Dr R J Bushby	The Faculty of Science
Dr G V Buxton	The Faculty of Science
Dr D W Lloyd	The Faculty of Engineering
Dr M J Pitt	The Faculty of Engineering
Dr N R Rowell	The Faculty of Medicine
Dr D W Sumner	The Faculty of Medicine

Convocation

Mrs E Clark, B.A., DIP.ED.
C M Fenton, O.B.E., DIP.TEXT., F.T.I., C.B.I.M.
Dr J MacGregor, O.B.E., B.A., M.ED., PH.D., LL.D.
P T Marsden, B.SC.
D M Watson, M.A.

Representatives of other institutions

Affiliated institutions

The Revd Father H C B Green, C.R., M.A.	College of the Resurrection, Mirfield
K Taylor	North Riding College of Education, Scarborough
Mrs M R Davison	The College of Ripon and York St John
J S Dixon, M.A.	Trinity and All Saints' College
Councillor C A Heinitz, B.A.	Bretton Hall College
D W Pyle	Leeds Polytechnic, School of Education
T J Gaskell	Huddersfield Polytechnic, Faculty of Education
W Greiff	Doncaster Metropolitan Institute of Higher Education, Department of Mining and Mineral Resources Engineering

Polytechnics

Professor K J Durrands, M.SC., C.ENG., F.I.MECH., M.I.E.E.	Huddersfield Polytechnic
W J Pritchard, M.COM.	Leeds Polytechnic

Other Universities

Dr J Ingham, PH.D., University of Bradford
Professor E A Dawes, PH.D., D.SC., F.I.BIOL., F.R.S.C., University of Hull
Professor G J Davies, PH.D., SC.D., L.ENG., F.I.M., M.I.MECH.E. University of Liverpool
Professor I M Kemp, M.A., University of Manchester
Dr E Bailey, B.SC., PH.D., University of Sheffield
Dr A Chambers, B.SC., PH.D., University of York

Representatives of schools

I D Cleland, B.A., M.PHIL.	Headmaster, Fulneck Boys School, Pudsey
A J Dobell, B.A.	Principal, Barnsley Sixth Form College, Barnsley
M Franklin, M.SC.	Headmaster, Prince Henry's Grammar School, Otley

P L Hughes, M.A.	Headmaster, Allerton Grange School, Leeds
Miss M C McIntosh, B.A.	Headmistress, West Leeds Girls High School, Leeds
T C Riddles, B.SC.	Headmaster, Heckmondwike Grammar School
J R G Smith, B.A., DIP.ED., D.E.M.	Headmaster, Benton Park School, Leeds
J L Snowdon	Headmaster, Outwood Grange School, Wakefield

Members by virtue of membership of the Council

The Pro-Vice-Chancellor (Professor Lee)
The Chairman of Convocation (Judge G Baker, LL.B.)
The General Secretary of the University Union (Ms G Varney)
E M Arnold, M.A.
Mrs M Ashton, M.SC.
A Austin
Dr R A Baker, B.SC., PH.D., M.INST.P.
Dr G E Blair, B.SC., PH.D.
Dr D J Bowles, B.SC., PH.D.
Dr J Brindley, B.SC., PH.D.
T Buckley
Dr A E Clark, L.R.C.P., M.R.C.S.
S Clark
Councillor G Clarke
Councillor S J Cooksey, B.A.
Miss S L Corbett, B.A.
C J Croft, M.A.(ECON.), M.A.(IND.REL.)
Dr A J Duke, B.SC., PH.D.
A M El-Agraa, B.SC.(ECON.)
Miss R Evans
Miss S Ferguson, B.A.
J C Fitches
G C F Forster, B.A., F.S.A.
A Garth
Ms C Gibson
County Councillor B Graham
R S A Hall, F.C.A.
G J A Hardy, M.A., F.C.A.
Lt Gen Sir David House, G.C.B., K.C.V.O., C.B.E., M.C.
Councillor W Hudson, J.P.
M Isherwood
E W Jenkins, J.P., B.SC., M.ED.
J W Johnson, B.SC.
R S Johnson, C.B.E., B.SC.
E A Kirkby, B.SC., C.CHEM., F.R.S.C., F.I.BIOL.
W N Kitson
Sir Gordon Linacre, C.B.E., A.F.C., D.F.M., C.B.I.M., F.R.S.A.
Baroness Lockwood of Dewsbury, HON.D.LITT., HON.LL.D.
Professor Marsden, B.SC., PH.D., C.PHYS., F.INST.P., F.R.A.S.
J G Mattock, B.SC.
Group Captain F W Morgan, M.B.E., B.SC.(ENG.), M.I.MECH.E., M.B.I.M.
Dr A J Moyes, F.C.G.I., D.ENG., LL.D., C.ENG., F.I.CHEM.ENG.
Dr D C Munro, M.A., D.PHIL.
R Murray
Dr P P Newman, M.D.
Sir Derek Palmar, F.C.A., C.B.I.M.
Ms G J Pitt, LL.B.

C Price, M.A., DIP.ED., F.I.BIOTECH.S.
R B Roberts, J.P., F.C.I.O.B.
Professor Robson, B.SC., PH.D.
M Sanders, B.SC.
D Shivtiel
Dr P N Snowdon, B.SC., PH.D., C.ENG., F.I.CHEM.E., M.I.INST.R.
J D M Stoddart-Scott, B.A.
J M Sully, B.A., F.C.A.
P Sumner, F.T.I.
H R Sutton
Dr C M Taylor, B.SC. M.SC., PH.D., C.ENG., M.I.MECH.E.
Mrs C M Thomas, J.P.
Dr J Uren, B.SC., PH.D., M.INST., C.E.S., M.I.H.T.
Professor D H Watson, C.B.E., B.SC., PH.D., F.I.BIOL.
V H Watson, C.B.E., M.A.
Councillor H Wilson, B.E.M.
Major-General H G Woods, C.B., M.B.E., M.C., M.A., M.B.I.M.
Dr H J Worthy, M.B., B.CHIR., D.R.C.O.G.
I A Ziff, O.B.E., J.P.

Committee of the Court

Honorary Degrees

The Chancellor
The Pro-Chancellor
The Vice-Chancellor
The Pro-Vice-Chancellor
Professor Cusens
Professor Ewbank
Professor Hogan
Lt Gen Sir David House
Mrs Y B Jackson
Mr E W Jenkins
Mr R S Johnson
Baroness Lockwood of Dewsbury
Professor Prentice
Professor Robson
Mr D M Watson
Mr I A Ziff

The Council

Members ex officio

The Chancellor
The Pro-Chancellor
The Vice-Chancellor
The Treasurer
The Pro-Vice-Chancellor

Members representative of public authorities	*Appointed by*
County Councillor B Graham	North Yorkshire County Council
County Councillor T N M Stow	
County Councillor V Burton	Cleveland County Council
County Councillor A H Turner	Humberside County Council
Councillor A Beevers	Leeds City Council
Councillor S J Cooksey	
Councillor W Hudson	
Councillor W A Nunn	Bradford City Council
Councillor H Wilson	Barnsley Borough Council
Councillor P G Squibb	Calderdale Borough Council
Councillor D Ripley	Kirklees Borough Council
Councillor G Clarke	Wakefield City Council

Representatives of the Clothworkers' Company

J D M Stoddart-Scott
P Sumner

Members elected by the Senate

Dr J Brindley
E W Jenkins
Professor Marsden
Professor Robson
Dr C M Taylor
Professor D H Watson

Members elected by the Faculties

Dr R A Baker
Dr G E Blair
Dr D J Bowles
Dr A J Duke
A M El-Agraa
G C F Forster
E A Kirkby
J G Mattock
Dr D C Munro
Ms G J Pitt
Dr P N Snowdon
Dr J Uren

Members elected by the academic-related and non-academic staff

T Buckley
Miss S L Corbett
Miss R Evans
Miss S Ferguson

Members elected by Convocation

The Chairman of Convocation (*ex officio*) (Judge G Baker)
Mrs M Ashton
Dr P P Newman
J M Sully

Member nominated by the Workers' Educational Association (Yorkshire North District)

C J Croft

Member nominated by the Crown

Vacant

Members elected by the Court

E M Arnold
E C Bousfield
Dr A E Clark
R S A Hall
G J A Hardy
Lt Gen Sir David House
M Isherwood
Mrs Y B Jackson
J W Johnson
R S Johnson
W N Kitson
Sir Gordon Linacre
Baroness Lockwood of Dewsbury
Group Captain F W Morgan
Dr A J Moyes
Sir Derek Palmar
R B Roberts
H R Sutton
Mrs C M Thomas
V H Watson
Major General H G Woods
Dr H J Worthy
I A Ziff
Three vacancies

Members nominated by the Trades Union Congress

S Clark
J C Fitches
M Sanders

Directors of Polytechnics (ex officio)

Professor K J Durrands	Huddersfield
C Price	Leeds

Student members

General Secretary of the Leeds University Union (ex officio) (Ms G Varney)
A Austin
A Garth
Ms C Gibson
R Murray
D Shivtiel
Three to be appointed

Other Universities

Dr A Chambers	University of York

Council Committees

Adult and Continuing Education

Dr C E Challis (Chairman)
Two members appointed by the Council: Mr E W Jenkins, Professor Wilson (both 1987–90)
Six members appointed by the Senate from the Faculties: Dr A Shivtiel (Arts, 1987–88), Dr D Warwick (Economic and Social Studies and Law, 1987–89), Mr J G Mattock (Education, 1987–89), Dr J V Tucker (Science, 1987–88), Professor Williams (Engineering, 1987–90), one member to be appointed (Medicine)
The Chairman of the Board of the Faculty of Education (Professor Marriott)
The Head of the Department of Adult and Continuing Education
The Director of Continuing Education (vacant)
The Director of Extramural Courses (Dr R K S Taylor)
The Secretary of the Yorkshire (North) District of the WEA: Mr C J Croft
Her Majesty's Inspector with responsibility for Adult Education in Yorkshire and Humberside: Mr J Steel
One nominee of the Yorkshire (North) District of the WEA
One nominee of the Yorkshire and Humberside Association of Education Authorities
One nominee of the Trades Union Congress Regional Education Authority Committee (Yorkshire and Humberside)
One nominee of the Confederation of British Industry (Yorkshire and Humberside Region)
One nominee of the Yorkshire and Humberside Association of Directors of Social Services
Up to four co-opted members

Archives

Professor Gosden (Chairman)
The Librarian
Three members appointed by the Council: Dr R Jakeways, Dr W J K Walls, Dr K M Wilson (all 1987–90)
Two members appointed by the Senate: Dr J V Tucker (1987–91), Dr O A Hartley (1987–89)

Art Collection and Gallery

Mr M Kirk (Chairman)
The Pro-Vice-Chancellor
The Head of the Department of Fine Art (Mr C B Herbert)
The Librarian
Two members appointed by the Council: Mr S H Burton, Mr J E Jones (both 1987–90)
Two members appointed by the Senate: Professor Leedale (1987–91), Mr S R Clarke (1987–89)

Audit

The Chairman of the Financial Planning and Accounts Committee (Chairman (Mr G J A Hardy))
The Deputy Chairman of the Financial Planning and Accounts Committee (Mr R S A Hall)
The Treasurer
One further lay member appointed by the Council: Mr J W Johnson (1987–90)

Biotechnology Unit

Dr H Hassall (Chairman)
One member appointed by the Council: Professor Jewell (1987–90)
The Heads of the Departments of Biophysics (Professor North), Chemical Engineering (Professor McGreavy), Genetics (Professor Cove)
A member from the Department of Biochemistry for session 1987–88 (to be appointed)
The Professor of General Microbiology (Professor D H Watson)

Brotherton Collection

Nine members appointed by the Council: The Pro-Chancellor, Professor Barnard, Mr G Brotherton-Ratcliffe, Mr S H Burton, Professor Ewbank, Professor Honan, Mr M Kirk, Professor Shippey, Emeritus Professor W Walsh (all 1987–90)
Eight members appointed by outside bodies (as specified in the Trust Deed):
One nominee of the original donor: Wing Commander Sir Eric E Bullus
Two nominees of the Chief Executive of the British Library Board: Mr M Smethurst, Mr I R Willison
Two nominees of Leeds Civic Public Libraries: Councillor F Flatters, Councillor J G B Frankland
One nominee of the Curators of the Bodleian Library, Oxford: Mr R J Roberts
One nominee of the Syndics of Cambridge University Library: Mr R C Latham
One nominee of the Chancellor of the University of Manchester: Professor Kemp
(Chairman to be elected from among the members)

Board of the Careers Service

Mr E M Arnold (Chairman)
The Pro-Chancellor
The Vice-Chancellor
The Chairman of the Financial Planning and Accounts Committee (Mr G J A Hardy)
The Chairman (Judge G Baker) or the Clerk (Dr P Sunderland) of Convocation
Four members appointed by the Council: Mr R S A Hall (1987–91), Mr J W Johnson (1987–91), Mr P Sumner (1987–91), Mr J D M Stoddart-Scott (1985–89)
Five members appointed by the Senate from the Faculties: Dr D Parker (Arts and Education, 1987–92), Dr G L Turnbull (Economic and Social Studies and Law, 1987–91), Dr G R K Sastry (Science, 1987–90), Dr C G W Sheppard (Engineering, 1987–89), Professor S B Brown (Medicine, 1987–88)
The Education Secretary of the University Union (Mr R Murray)
Six student members: Miss C J Horner (Economic and Social Studies and Law), Mr S R Mason (Science), three vacancies (Faculties of Arts and Education, of Engineering, of Medicine), one postgraduate student (to be appointed)
Up to nine co-opted members: Mr P T Collins, Mr R J Donner, Mrs B W France, Mr S D Londesborough, Mr I McNeill, Mr C L Robertshaw, Mr A J Smith

Catering

Dr M S Gosden (Chairman)
Four members appointed by the Council: Dr C J Hatton, Professor McIntyre, Professor D H Watson (all 1987–90), one member to be appointed
One member nominated by the Welfare Committee: Miss J Nunn
Two members nominated by the University Union (to be appointed)
Two members nominated by Non-Academic Staff Trade Unions: Mr D H Allen, Ms J Westerman
One member nominated by the Leeds AUT (to be appointed)

Coin and Medal Collection

Dr C E Challis (Chairman)
The Curator (the Librarian)

The Chairman of the Library Executive Committee (Professor Barnard)
The Honorary Curator
One representative from each of the following: School of History (Mr P E Tinios), School of Classics (Professor Arnott), Department of Fine Art (Mr A Hughes), Centre for Archaeological Studies (Dr L A S Butler)
A member of the Department of Modern Arabic Studies: Dr A Shivtiel
One lay member appointed by the Council: Mr V H Watson (1987–90)
A representative of the Yorkshire Numismatic Society: Mr J F Ferrett
A student member nominated by the General Secretary of the University Union: Mr T Wright

Commercial Office

The Chairman of the House and Estates Committee (Chairman (Group Captain F W Morgan))
The Chairman of the Financial Planning and Accounts Committee (or nominee) (Mr G J A Hardy)
The Pro-Vice-Chancellor
The Chairman of the Catering Committee (Dr M S Gosden)
The Financial Affairs Secretary of the University Union (Mr A Austen)

Computer Integrated Manufacturing (CIM) Unit

The Heads of the Departments/Schools of: Chemical Engineering (Professor McGreavy), Computer Studies (Mr D Hutchinson), Electrical and Electronic Engineering (Dr M J Howes), Mechanical Engineering (Professor Dowson (*Chairman*))
One technical adviser as appropriate

Cookridge Radiation Research Centre

Professor Ayscough (Chairman)
Members appointed by the Council: Dr P Glentworth, Professor Gray, Professor Joslin, Professor North (all 1987–90)

Counselling and Career Development Unit

Professor Gosden (Chairman)
The Head of the Department of Psychology (Professor Chapman)
One member appointed by the Council: Professor Rogers (1987–90)
One member appointed by the Senate: Dr H Constable (1987–92)
The Organiser of In-Service Training in the School of Education (Mr J G Mattock)

W B Crump Fund

Professor Elston (Chairman)
Two members appointed by the Council: Mr E M Arnold, Professor Gosden (both 1987–90)

Discipline (Staff)

An independent Chairman, a Barrister who shall be appointed by the Chairman of the Bar Council
Other members, who shall all, with one exception, be members of the University who are not members of the Council, namely

Two members of the Faculties elected for a period of three years by the Faculties, one (but only one) of whom should be a professor
One lay member of the Council nominated by the Council, who shall not take part in the debate or vote when the report and action arising thereon are under consideration by the Council

One member of the staff nominated by the Joint Committee of the University and the AUT
The Chairman of the Board of the Faculty, or, if he or she should be a member of Council, the Deputy Chairman or, if he or she should be a member of Council, the Dean of the Faculty of the member concerned

Early Retirement

The Vice-Chancellor (Chairman)
The Pro-Vice-Chancellor
A member of the Financial Planning and Accounts Committee (to be appointed)
The Chairman of the Development and Research Committee (Professor Dowson)

Facilities for the Disabled in the University

Professor Richards (Chairman)
Three members appointed by the Council: Professor Beetham, Mr H R Sutton, Dr H Worthy (all 1987–90)
Three members appointed by the Senate: Professor D H Watson (1987–90), Dr A Sleep (1987–89), Mr L W Keates (1987–88)
One nominee of the House and Estates Committee (to be appointed)
Two student members nominated by the University Union: Ms M Barker, Ms D MacDonald
One representative of the RNIB

Financial Planning and Accounts

Mr G J A Hardy (Chairman)
Mr R S A Hall (Deputy Chairman)
The Vice-Chancellor
The Pro-Vice-Chancellor
The Treasurer
Two lay members appointed by the Council: Mr M Isherwood (1986–90), Mr J W Johnson (1986–90).
Two members elected by and from the Senate: Professor Dowson (1986–90), Professor Gray (1986–88)

Food Science

Dr D L Georgala (Chairman)
Mr S O Clegg, Mr K Cook, Dr T Crossett, Mr R A Dalley, Mr J A W Deboo, Dr W Elstow, Mr A Gardiner, Mr W Hamilton, Professor Hervey, Mr D R Hoyle, Dr J R Norris, Mr B D Peacock, Dr J Ravenhill, Mr R B Sparnon, Dr R Spencer, Mr P W Strachan, Emeritus Professor A G Ward, Professor D H Watson, Mr M van Zwanenburg

Fuel and Energy

Eleven University nominees: Mr R A Freeman, Professor Gray, Dr T M Lowes, Mr H G Masterson, Dr A J Moyes (*Chairman*), Mr T Ward, five vacancies
Six nominees of the Institution of Gas Engineers
Four nominees of the Institute of Energy
Two nominees of the Society of British Gas Industries

Hoffman Wood Chair of Architecture

The Vice-Chancellor (Chairman)
The Pro-Chancellor
A Professor of Civil Engineering (Professor Cusens)

The Head of the Department of Fine Art (Mr C B Herbert)
Two members appointed by the Council: Professor P A R Cooper, Mr D Mason Jones (both 1987–90)
Two members appointed by the Senate: Mr B Berrett (1987–91), Dr C Hammond (1987–89)
The Head of the School of Architecture and Landscape, Leeds Polytechnic
One member appointed by the Trustees of the late Mr W Hoffman Wood
One member appointed by the West Yorkshire Society of Architects
One member appointed by the Royal Institute of British Architects

House and Estates
Group Captain F W Morgan (Chairman)
Professor Marsden (Deputy Chairman)
The Pro-Chancellor
The Vice-Chancellor
The Pro-Vice-Chancellor
Four members appointed by and from the Council: Mr R B Roberts (1987–91), Mr J D M Stoddart-Scott (1987–91), Mr P Sumner (1987–91), Mr H R Sutton (1987–91)
Two members elected by and from the Senate: Dr J Brindley (1987–91), Dr G L Turnbull (1987–89)
Two members elected by and from the Faculties: Dr C J Hatton (1987–91), Professor Jewell (1987–89)
The General Secretary of the University Union (or an alternate) (Ms G Varney)
One student member of the Senate (to be appointed)

Human Nutrition
Four members appointed by the Council (to be appointed)
Three members appointed by the Senate: Professor Forbes (1987–90), Professor Hervey (1987–89), Mrs J Ryley (1987–88)
Three nominees of the Rank Prize Funds
The Head of the Department of Medicine (St James's) (Professor Losowsky)
(Chairman to be appointed by the Council from among the members)

International Medieval Bibliography
The Chairman of the Library Executive Committee (Chairman (Professor Barnard))
The Librarian (Mr R P Carr)
A Medieval Specialist from each of the Schools of History and English (to be nominated by the Chairmen of the Schools)
The Chairman of the School of History (Dr D Parker)

Investments
The Chairman of the Financial Planning and Accounts Committee (Mr G J A Hardy)
The Deputy Chairman of the Financial Planning and Accounts Committee (Mr R S A Hall)
The Pro-Chancellor
The Vice-Chancellor
and such other members as may be co-opted from time to time
(Chairman to be appointed by the Committee from among the members)

Military, Air Force and Naval Education
Mr B Hook (Chairman)
The Pro-Chancellor
The Vice-Chancellor

The Chairman of the Yorkshire Universities Air Squadron Liaison Committee
The Commanding Officer, Officers' Training Corps (Lt Col D Jessett)
The Commanding Officer, Yorkshire Universities Air Squadron (Squadron Leader Smith)
The Chairman of Conference of Yorkshire Combined Cadet Forces (Wing Commander D G Cummin)
The General Officer Commanding Headquarters North East District and Headquarters Second Infantry Division (Major General C R L Guthrie)
The Secretary, Yorkshire and Humberside Territorial Auxiliary and Volunteer Reserve Association (Brigadier C D H Wilson)
Professor Dilks, Mr K Hartley, Professor Hervey, Lt Col J A Iredale, Major General D Isles, Mr C A Johnson, Mr G Johnson, Professor G R J Jones, Group Captain F W Morgan, Emeritus Professor J E Morpurgo, Dr E M Spiers, Mr W H Trickett, Mr G T Wain, Professor D H Watson, Major General H G Woods

Montague Burton Fellowship

Professor Hogan (Chairman)
The Head of the Department/School (or his/her nominee) to which the Fellow has been appointed: Professor Barnard in 1987–88
Two members appointed by the Council: Mr S H Burton, Professor Dilks (both 1987–90)

Printing Service

Professor Elston (Chairman)
One member appointed by the Council: Dr C J Hatton (1987–90)
Three members appointed by the Senate: Dr W R Childs (1987–90), Dr M S Gosden (1987–89), Dr F A Felsenstein (1987–88)

Remuneration and Conditions of Service

The Pro-Chancellor (Chairman)
The Vice-Chancellor
The Pro-Vice-Chancellor
The Chairman of the Financial Planning and Accounts Committee (Mr G J A Hardy)
Two members of the Council appointed by the Council: Dr A E Clark, Dr A J Moyes (both 1987–90)
Two members of the Professorial Staff appointed by the Senate: Professor Gray (1987–91), Professor Gosden (1987–89)

Management Committee for the Safety Services

The Pro-Vice-Chancellor (Chairman)
The Chairman of the Safety Advisory Committee (Professor D H Watson)
The Chairmen of the Sub-Committees on Radiation Protection (Dr G Hornung), Microbiological Safety (Professor David S Robinson), Fire Protection (Professor Bradley) and Carcinogen Protection (Professor Mainwaring)
Two additional members of the academic staff appointed by the Council: Professor Drake, Professor Morgan (both 1987–90)

Teacher Training Courses

The Chief Education Officer or the nominee of the CEO from each of the following local education authorities: Bradford (Mrs B M Thomson), Calderdale (Mr A Josephs), Kirklees (Mr J R Howey), Leeds (Mr A Harvey), North Yorkshire (Mr R Selby), and Wakefield (Mr G Dobinson)
Six school teachers: Mr J R Carr, Mrs J M Carr, Mr M Gibson, Mrs P Laws, Mr C Linnett, Mr R Saywell
Four members drawn from the local community: Mr E M Arnold (*Chairman*), Mr R Downing, Mr B A McMahon, Mr D Pierce

The Chairman of the School of Education (Professor Gosden)
The member of staff with responsibility for the Graduate Certificate in Education designated area: Mr G T Wain
The tutor in charge of the Primary course: Dr R F Beard
The tutor in charge of teaching practice arrangements for the Secondary course: Dr C Asher
Four members of staff nominated by the Chairman of the School of Education after election by those members of the Board of the School of Education currently teaching on the Graduate Certificate in Education course: Mr A Stibbs, Dr P D Tomlinson, Mr R P Williams, Mr C Wood-Robinson
An HMI as observer/assessor: Miss V Blackburn or Mr D Fraser

Textile Industries and Dyeing

Mr P Sumner (Chairman)
The Vice-Chancellor
One member appointed by the Council: Mr S H Burton (1987–90)
Outside members from the industry: Mr D Blackburn, Mr J B Crawford, Mr A C Dracup, Dr D Finlay-Maxwell, Mr R W Goodall, Mr J F Graham, Mr J B Hamilton, Mr A D Harverd, Dr B E King, Mr J D M Stoddart-Scott, Mr P J F Vickers, Dr L G Wilson
Co-opted members with appropriate expertise from within the University: Professor Ward

University Health Service

Professor Rogers (Chairman)
The Dean of the Faculty of Medicine (Professor Scott)
Two members appointed by the Council: Dr A E Clark, Mrs Y B Jackson (both 1987–90)
Three members elected by the Senate: Mr P J Seago (1987–90), Dr G Mercer (1987–89), Ms G J Pitt (1987–88)
One nominee of the Planning and Resources Committee (to be appointed)
One nominee of the Welfare Committee (to be appointed)
Three officers of the University Union: Ms M Barker, Ms C Gibson, Mr W Wood

Welfare

The Pro-Vice-Chancellor (Chairman)
The Pro-Chancellor
The Chairman of the Catering Committee (Dr M S Gosden)
The Director of Physical Education (Dr M R Lindsay)
The University Medical Officer (Dr I C Fraser)
The University Safety Officer (Mr K Everett)
Two members appointed by the Council: Dr D Cotterrell, Dr C Toothill (both 1987–90)
Two members elected by the Senate: Dr D Warwick (1987–91), Dr M L Harrison (1987–89)
Twenty members of the Non-Academic Staff: Mr A Ainley, Mr A Bartlett, Mrs H A Blackburn, Mrs M Bruce, Mr D L Dean, Mrs D Ferguson, Mrs G Garbett, Mr J Graham, Miss D J Holmes, Mr P Johnson, Mr P W Marshall, Mr T Moseley, Miss J Nunn, Mr R Pennington, Mr L Smith, Miss E Thompson
The Chairman of the Staffs Social Club (Mr A Brook)

West Yorkshire Media in Politics Group

The Pro-Vice-Chancellor (Chairman)
Four members appointed by the Council: Lord Chitnis, Professor Gosden, Lt Gen Sir David House, Sir Gordon Linacre (all 1987–90)
Four professional advisers: Mr D Glencross, Mr A Hadwin, Mr D Holmes, Professor Seymour-Ure
Four members of the academic staff appointed by the Senate: Professor Bauman (1987–91), Professor Beetham (1987–90), Mr N Pronay (1987–89), Mr D Rimmington (1987–88)
Four co-opted members: Mr I B Greenwood, Mr J Gunnell, Mr K J Patterson, Mr A E Speck

Joint Committees of the Council and the Senate

Annual and Non-Recurrent Grants
(Sub-Committee of the Planning and Resources Committee)
Professor Gosden (Chairman)
The Chairman of the Development and Research Committee: Professor Dowson
One member appointed by the Council: Mr R S Johnson (1987–91)
One member elected by and from the Senate: Professor Donald S Robinson (1987–91)
One member elected by and from each of the Faculties: Professor Barnard (Arts, 1987–91), Professor Beetham (Economic and Social Studies, 1987–90), Dr D L Baulch (Science, 1987–91), Professor Cusens (Engineering, 1987–90), Professor Weatherell (Medicine, 1987–89), two vacancies (Law, Education)
Up to two co-opted members

Constitutions

Mr E W Jenkins (Chairman)
Four members appointed by the Council: Dr C J Hatton, Dr P J Roach, Mr P J Seago, Mr V H Watson (all 1987–90)
Four members appointed by the Senate: Mr G C F Forster (1987–91), Professor Greenwood (1987–90), Dr G Pollard (1987–89), Mr I S Moxon (1987–88)

Membership of Faculty

The Pro-Vice-Chancellor (Chairman)
The Deans of the Faculties (Dr H Evans, Dr A J Deacon, Mr P J Seago, Dr M S Gosden, Professor Cove, Professor Cusens, Professor Scott)

Non-Academic Staff

The Pro-Chancellor (Chairman)
The Vice-Chancellor
The Pro-Vice-Chancellor
The Chairmen of sub-committees of the Non-Academic Staff Committee (sub-committee structure to be determined)
Three lay members appointed by the Council: Dr A J Moyes, Mr P Sumner, Mrs C M Thomas (all 1987–90)
Three members elected by and from the Senate: Dr D Cotterrell (1987–90), Professor Grosberg (1987–89), Professor Wells (1987–88)
One nominee of the Committee on Remuneration and Conditions of Service (to be appointed)

Overseas

Professor Dowson (Chairman)
Three members appointed by the Council: Mr J Garner, Col A C Roberts, Professor A A Watson (all 1987–90)
The Adviser to Overseas Students (Dr R W McTurk)
Up to four co-opted academic members with expertise in overseas matters
The Chairmen of any *ad hoc* groups of the Committee
Two student members nominated by the University Union: Mr S Cansdale, Ms C Gibson

Personal Chairs

The Vice-Chancellor (Chairman)
The Pro-Chancellor
The Pro-Vice-Chancellor
The Chairman of the Committee on Readerships (Professor Jewell)
Three members appointed by the Council: Mr E M Arnold, Professor Goldsworthy, Professor J G Jones (all 1987–90)
One member from each of the Faculties appointed by the Senate: Professor Barnard (Arts, 1987–88), Professor Beetham (Economic and Social Studies, 1987–90), Professor Rogers (Law, 1987–91), Professor Gosden (Education, 1987–90), Professor A A Watson (Science, 1987–91), Professor Dowson (Engineering, 1987–89), Professor Moore (Medicine, 1987–91)
Not more than four additional members appointed by the Senate on the recommendation of the Joint Committee, in respect of each proposal

Planning and Resources

The Vice-Chancellor (Chairman)
The Pro-Chancellor
The Pro-Vice-Chancellor
The immediately previous Pro-Vice-Chancellor
The Chairman of the Financial Planning and Accounts Committee (Mr G J A Hardy)
The Chairman of the House and Estates Committee (Group Captain F W Morgan)
The Chairman of the Development and Research Committee (Professor Dowson)
The Chairman of the Committee on Annual and Non-Recurrent Grants (Professor Gosden)
One member appointed by and from the Council: Mr R S Johnson (1987–91)
One member elected by and from the Senate: Professor Gray (1987–91)
One member elected by and from the Faculties: Mr D Rimmington (1987–90)

Promotion and Progression

The Pro-Vice-Chancellor (Chairman)
The immediately previous Pro-Vice-Chancellor (Professor Gosden)
The Chairmen of the Boards of Faculty (Dr G L Turnbull, Professor Marriott, Professor Greenwood, Professor McIntyre and Professor Jewell)
The Senior Deputy Chairman of Appointing Committees (Mr E W Jenkins)
The immediately previous Senior Deputy Chairman of Appointing Committees (vacancy in 1987–88)
The Chairman of the Committee on Readerships (Professor Jewell)
Four members appointed by the Council: Dr A E Clark, Professor Lance, Professor Prentice, Professor Wells (all 1987–90)
Five members elected by the Senate: Dr H Hassall (1987–92), Professor A A Watson (1987–91), Dr P E Preece (1987–90), Professor Scott (1987–89), Professor Rushton (1987–88)
Eleven members elected by the Faculties: Mr J Taylor (Arts, 1987–92), Mr A R Cooper (Arts, 1987–89), Dr R Driver (Education, 1987–92), Professor Rogers (Economic and Social Studies and Law, 1987–90), Dr J A Chartres (Economic and Social Studies and Law, 1987–88), Dr C L Johnson (Science, 1987–91), Mr D Hutchinson (Science, 1987–89), Dr M J Howes (Engineering, 1987–92), Dr K F Gill (Engineering, 1987–90), Professor Moore (Medicine, 1987–91), Professor Basker (Medicine, 1987–88)
One nominee of the Committee on Non-Academic Staff: Professor North

Public Relations, Publications and Schools Liaison

Chairman (to be appointed)
Four members appointed by the Council: Dr D J Bowles, Dr M J Denton, Mr J D M Stoddart-Scott, Mr P Sumner (all 1987–90)
Three nominees of the Senate General Purposes Committee: Mr L M Smith (1987–90), Professor Marriott (1987–89), Dr A Earnshaw (1987–88)
Three members elected by the Senate from the Faculties: Ms G J Pitt (Arts, Economic and Social Studies, Law and Education, 1987–88), Dr C J Hatton (Science and Engineering, 1987–89), Professor S B Brown (Medicine, 1987–90)
The Editor of the Review (Dr F A Felsenstein)
The Chairman of the Committee on Representatives (Professor Layton)
Three student members: Mr W K Morris (Arts, Economic and Social Studies, Law and Education), Mr P M Higgins (Science and Engineering), one vacancy (Medicine)

Readerships

Professor Jewell (Chairman)
The Pro-Vice-Chancellor
Eight members appointed by the Senate from the Faculties: Professor Holdcroft (Arts, 1987–89), Professor Beetham (Economic and Social Studies and Law, 1987–91), Professor Child (Education, 1987–90), Professor Goldsworthy (Science, 1987–90), Professor Ward (Science, 1987–91), Professor Williams (Engineering, 1987–91), Professor Donald S Robinson (Medicine, 1987–90)
The proposer and two *ad hoc* members in respect of each proposal

Relations with Industry and Commerce

The Vice-Chancellor (Chairman)
The Pro-Vice-Chancellor
Two members appointed by the Council: Mr J W Johnson, Major General H G Woods (both 1987–90)
One member appointed by the Senate: Dr R M Siddall (1987–92)
Three nominees of the Development and Research Committee (to be appointed)
One nominee of the Committee on Public Relations, Publications and Schools Liaison (to be appointed)
The Chairman (Dr A J Moyes) and Managing Director (Dr B D Stone) of ULIS Ltd
One representative of Leeds Chamber of Commerce and Industry
The Director of Continuing Education (vacant)
One student member appointed by the Senate General Purposes Committee on the nomination of the General Secretary of the University Union: Mr A Austin
Up to six co-opted members

Staff Development and Training

The Pro-Vice-Chancellor (Chairman)
A previous Pro-Vice-Chancellor (Professor Hogan)
The Chairmen of the Boards of Faculty (Dr G L Turnbull, Professor Marriott, Professor Greenwood, Professor McIntyre and Professor Jewell)
The Senior Deputy Chairman of Appointing Committees (Mr E W Jenkins)
Two lay members appointed by the Council: Baroness Lockwood of Dewsbury, Mr J D M Stoddart-Scott (both 1987–90)
Two members elected by the Senate: Professor Thody (1987–90), Professor Wells (1987–88)
Three members elected by and from the Faculties: Mr N Pronay (Arts, Economic and Social Studies, Law and Education, 1987–90), Dr I M Campbell (Science and Engineering, 1987–89), Professor Meadow (Medicine, 1987–88)
One nominee of the Committee on Non-Academic Staff (to be appointed)

Staffing Establishment

(Sub-Committee of the Planning and Resources Committee)

The Pro-Vice-Chancellor (Chairman)
The immediately previous Pro-Vice-Chancellor (Professor Gosden)
Five members appointed by the Planning and Resources Committee: Professor Dowson, Professor Goldsworthy, Mr D Rimmington, Professor Scott, Professor D H Watson

Student

The Pro-Vice-Chancellor (Chairman)
Four members appointed by the Council: Dr A E Clark, Mr G Humphreys, Baroness Lockwood of Dewsbury, Mr D M Watson (all 1987–90)
Four members appointed by the Senate: Professor Bradley (1987–91), Mr D Rimmington (1987–90), Dr I E Hughes (1987–89), Ms S C Fildes (1987–88)
Eight nominees of the University Union (including the General Secretary): Mr A Austin, Ms M Barker, Ms C Gibson, Mr M Green, Mr R Murray, Mr R Shaw, Mr R Strong, Ms G Varney

Student Numbers and Admissions

(Sub-Committee of the Planning and Resources Committee)

The Pro-Vice-Chancellor (Chairman)
Four members appointed by the Senate: Professor D H Watson (1987–91), Professor Dowson (1987–90), Mr D Rimmington (1987–89), Dr J Brindley (1987–88)

The Senate

(a) *Heads and Acting Heads of Departments and Chairmen of Schools*

*Dr C K Anderson	Pathology
Professor Andrews	Italian Language and Literature
Professor Ball	Cardiovascular Studies
*Dr C Barker	Health Services Studies (Nuffield Institute)
Professor Barnard	English
Professor Beddow	German Language and Literature
Professor Beetham	Politics
Professor Brook	Ceramics
Professor Butterworth	Management Studies
Professor Care	Animal Physiology and Nutrition
Professor Chapman	Psychology
Professor Cove	Genetics
*Dr R Cueto-Ruiz	Spanish and Portuguese
Professor Curzon	Child Dental Health
Professor Cusens	Civil Engineering
*Dr J B Dawson	Medical Physics
Dr A J Deacon	Social Policy and Sociology
Professor Dickson	Orthopaedic Surgery
Professor Dowson	Mechanical Engineering
Professor Francis	Earth Sciences
Professor Giles	Surgery: St James's Hospital
†Professor Goldsworthy	Applied Mathematical Studies
Professor Gosden	Education
*Dr H B Gottschalk	Classics
Professor Gowland	Immunology
Professor Gray	Physical Chemistry
*Dr M A Green	Forensic Medicine
Professor Greenwood	Inorganic and Structural Chemistry
Professor Grosberg	Textile Industries
Professor Harris	General Practice
Dr H Hassall	Biochemistry
Professor Hastings	Theology and Religious Studies
Mr C B Herbert	Fine Art
Professor Hogan	Law
Mr B G Hook	Chinese Studies
Dr M J Howes	Electrical and Electronic Engineering
*Dr I E Hughes	Pharmacology
Professor Hume	Dental Surgery
Mr D Hutchinson	Computer Studies
*Mr C A Johnson	Russian Studies
Professor Johnston	Surgery: Leeds General Infirmary
Professor Jones	Anaesthesia
Professor Joslin	Radiotherapy

* Acting Head of Department

† To be succeeded by Professor Ingham from 1 April 1988

Professor Lacey	Microbiology
Professor Leedale	Pure and Applied Biology
Professor Lewis	Colour Chemistry and Dyeing
Dr H A Lewis	Philosophy
Professor Lilford	Obstetrics and Gynaecology: St James's Hospital
Dr M R Lindsay	Physical Education
Professor Losowsky	Medicine: St James's Hospital
Professor McGreavy	Chemical Engineering
Professor Mardia	Statistics
Professor Marriott	Adult and Continuing Education
Mr D M Martin	Restorative Dentistry
Professor Meadow	Paediatrics and Child Health: St James's Hospital
Professor Moore	Anatomy
Dr J F B Morrison	Physiology
Professor North	Biophysics
Professor Nutting	Metallurgy
Dr D Parker	History
Dr A D Pearman	Economic Studies
Professor Prentice	Medicine: Leeds General Infirmary
Professor Richards	Community Medicine
Dr C Robinson	Oral Biology
Professor David S Robinson	Food Science
Professor Robson	Pure Mathematics
Professor Rushton	Music
Professor Sampson	Linguistics and Phonetics
*Dr J E Saxton	Organic Chemistry
Professor Scott	Obstetrics and Gynaecology: Leeds Maternity Hospital
Dr A Shivtiel	Modern Arabic Studies
Professor Sims	Psychiatry
Professor Smithells	Paediatrics and Child Health: Leeds General Infirmary
Professor Thody	French
Professor Ward	Physics
Professor Whicher	Chemical Pathology
Professor Williams	Fuel and Energy
Professor Wilson	Geography
Professor Young	Mining and Mineral Engineering

(b) *Elected members of the Senate (51)*

(i) *Elected by all members of faculties (15)*

For sessions 1985–88:	Dr M S Gosden
	Dr R D Mackey
	Dr A B Slomson
	Professor D H Watson
For session 1987–88:	Mr A G Foster-Carter
For sessions 1986–89:	Dr J Brindley
	Professor Dilks
	Dr W K Griffiths
	Dr D Holdsworth

* Acting Head of Department

For sessions 1987–89:	Dr R F M Byrn
For sessions 1987–90:	Professor Basker Dr J A Chartres Mr A R Cooper Mr E W Jenkins Professor G R J Jones

(ii) *Elected by faculties or faculty groups (36)*

Arts (7)

For sessions 1985–88:	Mr P Meredith
For session 1987–88:	Dr D A Coward
For sessions 1986–89:	Mr D Rimmington Dr H Willmer
For sessions 1987–90:	Dr H Evans Mr G C F Forster Mr M J de K Holman

Economic and Social Studies and Law (5)

For sessions 1985–88:	Dr J J Schwarzmantel
For session 1987–88:	Dr D Coates
For sessions 1986–89:	Mr P J Mackie Professor Rogers
For sessions 1987–90:	Mr J K Bowers

Education (3)

For sessions 1985–88:	Mr M J Rayner
For sessions 1986–89:	Mr R P Williams
For sessions 1987–90:	Mr W F Archenhold

Science (6)

For sessions 1986–88:	Dr C L Johnson
For session 1987–88:	Dr D L Baulch
For sessions 1986–89:	Professor Lance Professor A A Watson
For sessions 1987–90:	Professor Marsden Dr D L Salinger

Engineering (6)

For sessions 1985–88:	Professor Lawrenson
For sessions 1986–88:	Dr P R Beeley
For sessions 1986–89:	Mr A Pollard
For sessions 1987–89:	Mr C A Pinches
For sessions 1987–90:	Dr G Pollard Dr C M Taylor

Medicine (9)

For sessions 1985–88:	Dr D R Bromham Dr A D Clayden
For sessions 1986–88:	Professor Hervey

For sessions 1986–89:
Dr E G V Evans
Dr P D Howdle
Dr R E Oakey

For sessions 1987–90:
Dr R A Killington
Professor Donald S Robinson
Dr J K Wales

(c) *Ex-officio membership*

The Vice-Chancellor (Sir Edward Parkes)
The Pro-Vice-Chancellor (Professor Lee)
The Dean of the Faculty of Medicine (Professor Scott)
The Librarian (Mr R P Carr)
The Director of the University Computing Service (Professor Wells)
The Director of Combined Studies in the Faculty of Science (Dr C J Hatton)
The Director of the Institute for Transport Studies (Professor May)
The Director of the Multidiscipline Laboratories in the Faculty of Medicine (Dr D Cotterrell)
The Sub-Dean of the Faculties of Arts, Economic and Social Studies and Law (Mr B F Richardson)
The Chairman of the Board of the Faculties of Arts, Economic and Social Studies and Law (Dr G L Turnbull)
The Chairman of the Board of the Faculty of Education (Professor Marriott)
The Chairman of the Board of the Faculty of Science (Professor Greenwood)
The Chairman of the Board of the Faculty of Engineering (Professor McIntyre)
The Chairman of the Board of the Faculty of Medicine (Professor Jewell)
The Chairman of the Board for Collegiate Academic Awards (Professor Hogan)
The Senior Deputy Chairman of Senate Appointing Committees (Mr E W Jenkins)
The principal of each college affiliated to the University under the terms of Ordinance I 8(a) which offers degree schemes validated by the University (Dr J L Taylor (Bretton Hall College of Higher Education), Mr F W Wright (North Riding College), Dr G P McGregor (College of Ripon & York St John) and Dr H M Hallaway (Trinity and All Saints' College))

(d) *Not more than 7 co-opted members of the faculties*

The immediately previous Pro-Vice-Chancellor (Professor Gosden)
The Dean of the School of Dentistry (Professor Basker)

(e) *Student members**

The General Secretary of the Leeds University Union (Ms G Varney)
Two other officers of the Union, nominated by the Union (Mr S Buckby; one to be appointed)
Eleven other students elected from the faculties on the following basis:

Two from the Faculty of Arts (Mr B G J Cooper and Ms V J Wright)
Two from the Faculties of Economic and Social Studies and Law (Miss C Armstrong and Mr M J Helm)
One from the Faculty of Education (to be elected)
Two from the Faculty of Science (Mr M J Landsman and Mr S R Mason)
Two from the Faculty of Engineering (Mr R M C Salmon and one vacancy)
Two from the Faculty of Medicine (Mr H A Deshpande and Mr P Nichols)

* subject, in each case, to registration as a student from October 1987

Senate Committees

Applications

Professor G R J Jones (Chairman)
The Deans of the Faculties (Dr H Evans, Dr A J Deacon, Mr P J Seago, Dr M S Gosden, Professor Cove, Professor Cusens, Professor Scott)
Seven members appointed by the Senate including the Principal of an affiliated college: Professor Barnard (1987–91), Dr H Hassall (1987–91), Dr H M Hallaway (1987–90), Dr A D Pearman (1987–90), Professor Drake (1987–89), Dr T D Talintyre (1987–89), Professor Bauman (1987–88)

Audio-Visual Service

Professor Wilson (Chairman)
The Chairman of the Informal User Group: Dr J Hayes
Four members appointed by the Senate: Professor Leedale (1987–91), Dr P N McWilliam (1987–90), Dr P M Taylor (1987–89), one member to be appointed (1987–88)
One nominee of each of the Boards of Faculty: Mr C B Herbert (Arts, Economic and Social Studies and Law), Dr D Shorrocks (Education), Dr R G Rodway (Science), Dr R D Pollard (Engineering), Dr D Cotterrell (Medicine)

Computing Services

Professor May (Chairman)
The Chairman of the User Group (Professor Forbes)
One lay member appointed by the Council: Mr D Whitehead (1987–90)
Four members appointed by the Senate: one member to be appointed (1987–91), Dr A G Booth (1987–90), Dr B S Hoyle (1987–89), Professor Sampson (1987–88)
One nominee of each of the Boards of Faculty: Dr L A C Hunter (Arts, Economic and Social Studies and Law), Ms M Zukas (Education), Professor Ayscough (Science), Professor de Pennington (Engineering), Dr A D Clayden (Medicine)

Development and Research

Professor Dowson (Chairman)
The Vice-Chancellor
The Pro-Vice-Chancellor
A previous Pro-Vice-Chancellor (Professor Hogan)
The Dean of the Faculty of Medicine (Professor Scott)
The Chairmen of the Boards of Faculty (Dr G L Turnbull, Professor Marriott, Professor Greenwood, Professor McIntyre and Professor Jewell)
The immediately previous Chairmen of the Boards of the Faculties of Arts, Economic and Social Studies and Law, of Education, of Science and of Engineering (Mr D Rimmington, Mr E W Jenkins, Professor Lee, Professor Brook)
The Chairman of the Committee on Annual and Non-Recurrent Grants (Professor Gosden)
The General Secretary of the University Union (Ms G Varney)
Up to two co-opted members

General Purposes

The Vice-Chancellor (Chairman)
The Pro-Vice-Chancellor
The Chairmen of the Boards of Faculty (Dr G L Turnbull, Professor Marriott, Professor Greenwood, Professor McIntyre and Professor Jewell)
The Chairman of the Board for Collegiate Academic Awards (Professor Hogan)
The Chairman of the Committee on Public Relations, Publications and Schools Liaison (to be appointed)
Five members elected by the Senate: Dr M S Gosden (1987–92), Profesor Cusens (1986–91), Dr J Brindley (1985–90), Professor Gosden (1984–89), Mr D Hutchinson (1986–88)
Six members elected from the Faculties: Dr J Dryhurst (Arts, 1985–90), Dr D Warwick (Economic and Social Studies and Law, 1986–91), Mr E W Jenkins (Education, 1987–92), Dr J E Saxton (Science, 1987–92), Professor Nutting (Engineering, 1983–88), Professor Mindham (Medicine, 1984–89)
The General Secretary of the University Union (Ms G Varney)
One student member of the Senate nominated by the University Union (to be appointed)

Library Executive

Professor Barnard (Chairman)
Four members elected by the Senate: Professor Leedale (1987–91), Professor Rogers (1987–90), Dr J S Knapp (1987–89), Dr M A Hudson (1987–88)
One nominee of each of the Boards of Faculty: Mr C A Johnson (Arts, Economic and Social Studies and Law), Mr E W Jenkins (Education), Dr D Ellman (Science), Professor P A R Cooper (Engineering), Professor Mainwaring (Medicine)
The Education Secretary of the University Union (Mr R Murray)

Research Degrees

Professor A A Watson (Chairman)
The Chairman of the Committee on Scholarships, Studentships and Prizes (Professor Elston)
The Chairmen of the Boards of Faculty (Dr G L Turnbull, Professor Marriott, Professor Greenwood, Professor McIntyre and Professor Jewell)
Four members appointed by the Senate: one member to be appointed (1987–91), Professor Ewbank (1987–90), Professor Hervey (1987–89), Dr D A Crolla (1987–88)
One nominee of each of the Boards of Faculty: Mr G C F Forster (Arts, Economic and Social Studies and Law), Dr D A Sugden (Education), Professor David S Robinson (Science), Professor Bradley (Engineering), Dr R A Killington (Medicine)
Two postgraduate research students, one of whom should be the President of the Postgraduate Students' Representative Council (Mr D Lambert to February 1988) and the other to be appointed annually by the Committee on the nomination of the General Secretary of the University Union (to be appointed)

Scholarships, Studentships and Prizes

Professor Elston (Chairman)
Six members appointed by the Senate: Professor Beetham (1987–90), Dr B J Large (1987–90), Dr W Childs (1987–89), Dr P H Rees (1987–89), Dr C Hammond (1987–88), Dr D L Salinger (1987–88)
One nominee of each of the Boards of Faculty: Mr I S Moxon (Arts, Economic and Social Studies and Law), Miss S E Beveridge (Education), Dr D Greig (Science) Dr D A Crolla (Engineering), Dr J K Wales (Medicine)

Former Chancellors

The Most Hon. the Marquess of Ripon, K.G., LL.D., 1904–9
His Grace Victor Christian William Cavendish, K.G., LL.D., F.R.S., 9th Duke of Devonshire, 1909–38
His Grace Edward William Spencer Cavendish, K.G., LL.D., 10th Duke of Devonshire, 1938–50
Her Royal Highness the Princess Royal, C.I., G.C.V.O., G.B.E., R.R.C., LL.D., Dr (*honoris causa*) de l'Université de Lille, 1951–65

Former Pro-Chancellors

Aurthur Greenhow Lupton, LL.D., 1904–20
Edmund George Arnold, LL.D., 1921–26
Charles Harold Tetley, D.S.O., T.D., D.L., M.A., LL.D., 1926–46
Gerald Cater Veale, LL.D., F.C.A., 1946–49
Sir Hubert Stanley Houldsworth, BT., Q.C., D.SC., LL.D., 1949–56
Brigadier James Noel Tetley, D.S.O., T.D., D.L., LL.D., 1956–65
Colonel Geoffrey Herbert Kitson, O.B.E., T.D., D.L., LL.D., 1965–72
Sir Richard Graham, BT., O.B.E., D.L., 1972–81
Sir William Tweddle, C.B.E., T.D., LL.M., 1982
Arthur Dower, LL.D., 1985–86

Former Treasurers

Sir John Barran, BT., LL.D., 1904–5
Sir Frances Sharp Powell, BT., M.A., LL.D., 1906–11
The Rt. Hon. the Lord Allerton, LL.D., F.R.S., 1912–17
The Hon. Rupert Evelyn Beckett, LL.D., 1917–55
Sir Maxwell Ramsden, C.B., O.B.E., T.D., A.D.C., D.L., 1955–57
The Rt. Hon. the Earl of Feversham, D.S.O., T.D., LL.D., 1959–63
Brigadier James Noel Tetley, D.S.O., T.D., D.L., LL.D., 1965–70
Douglas Crockatt, J.P., LL.D., 1971–73
Arthur Dower, LL.D., 1973–85

Former Vice-Chancellors

Sir Nathan Bodington, M.A., LITT.D., LL.D., 1904–10
Sir Michael Ernest Sadler, K.C.S.I., C.B., LL.D., LITT.D., 1911–23
Sir James Black Baillie, O.B.E., M.A., D.PHIL., LL.D., 1924–38
Bernard Mouat Jones, D.S.O., M.A., D.C.L., LL.D., 1938–48
Sir Charles Richard Morris (Baron Morris of Grasmere), K.C.M.G., M.A., LL.D., D.LITT., 1948–63
Sir Roger Bentham Stevens, G.C.M.G., M.A., LL.D., 1963–70
The Rt. Hon. Lord Boyle of Handsworth, C.H., M.A., LL.D., D.LITT., HON.F.R.C.S., 1970–81
Professor William Walsh, M.A. (*Acting Vice-Chancellor*), 1981–83

Emeritus Professors

T E Allibone, C.B.E., D.SC., PH.D., F.R.S., C.ENG., F.I.E.E., F.INST.P., F.I.E.E.E.
M W Beresford, M.A., HON.D.LITT., F.B.A.
D C A Bevis, M.B., CH.B., F.R.C.O.G.
A J Brown, C.B.E., M.A., D.PHIL., D.LITT., LL.D., LITT.D., F.B.A.
G W Carter, M.A., C.ENG., F.I.E.E., F.I.E.E.E.
A C Cawley, M.A., PH.D.
T G Cowling, M.A., D.PHIL., F.R.S.
H S M Crabb, B.D.S., M.D.S., PH.D., F.D.S.R.C.S.
G A Davies, M.A., D.PHIL.
O A W Dilke, M.A., D.LITT. ET PHIL.
R H Evans, C.B.E., D.SC., D.ÈS SC., D.TECH., PH.D., C.ENG., F.I.C.E., F.AM.SOC., C.E., F.I.MECH.E., F.I.STRUCT.E.
P T Geach, M.A., F.B.A.
A W Goldie, M.A.
J C Goligher, CH.M., D.SC., F.R.C.S., HON.F.A.C.S.
A E Guile, B.SC. (ENG.), PH.D., D.SC.(ENG.), C.ENG., F.I.E.E.
M Hamilton, M.D., F.R.C.P., F.R.C.PSYCH., F.B.P.S.
F C Happold, PH.D., D.SC.
G G Haselden, PH.D., D.SC., D.I.C., F.C.G.I., C.ENG., F.I.CHEM.E., F.I.MECH.E., M.INST.R.
A Hemingway, M.B., CH.B., M.SC.
R F Holland, M.A., B.PHIL.
F G Holliman, M.A., PH.D., F.R.I.C.
T H B Hollins, M.A., M.ED.
R L Holmes, M.SC., M.B.CH.B., PH.D., D.SC.
F E Hopper, M.D.S., F.D.S.R.C.S., F.F.D.R.C.S.I.
H M N H Irving, M.A., D.PHIL., D.SC., D.TECH.(HON.), F.R.S.C., I.R.A.M.
D Jackson, D.D.S., M.D.S.
D W Jefferson, B.A., B.LITT.
D E Jenkins, M.A.
N A Jepson, B.A., PH.D.
A S Johnstone, M.D., F.R.C.S.ED., F.R.C.R., D.M.R.E.
K G Knight, M.A., PH.D.
G H Lathe, M.SC., M.D., C.M., PH.D., F.R.C.PATH.
O Lattimore, D.LITT.
C E V Leser, D.PHIL., M.SC.(ECON.)
R J Linden, M.B., CH.B., PH.D., D.SC., F.R.C.P.
K Lovell, B.SC., M.A., PH.D.
B Lythgoe, M.A., PH.D., F.R.S.
Miss Irene Manton, B.A., PH.D., SC.D., HON.D.SC., HON.DR.PHILOS., D.LITT., F.L.S., HON.F.R.M.S., F.R.S.
R H Martin, B.A., M.A.
T F Mitchell, B.A.
J E Morpurgo, B.A., D.H.L., D.LITT., LIT.D.
R D Preston, PH.D., D.SC., F.INST.P., F.L.S., HON.F.R.M.S., F.I.A.W.S., F.R.S.
L N Pyrah, C.B.E., M.SC., D.SC., CH.M., F.R.C.S.
A L Roberts, O.B.E., B.SC., PH.D., F.INST.F., F.R.S.C., C.ENG., F.I.CERAM., HON.F.I.GAS E., HON.F.I.CHEM.E.
R M Shackleton, B.SC., PH.D., F.G.S., F.R.S.
F W Spiers, C.B.E., PH.D., D.SC., F.INST.P.

Miss M B Sutherland, M.A., M.ED., PH.D.
A J Taylor, M.A.
H C Versey, LL.D., D.SC., F.G.S.
W Walsh, M.A., LL.D.(HON.)
A G Ward, C.B.E., M.A., F.INST.P., F.I.F.S.T.
B L Welch, B.A., PH.D.
C S Whewell, B.SC., PH.D., F.R.S.C., F.T.I., F.S.D.C.
D M White, M.A., PH.D.
J G Wilson, M.A., PH.D., D.UNIV., D.SC., F.INST.P.
D R Wood, B.M., B.CH., B.SC., M.A., F.I.BIOL.
E J Wood, M.A.
K S Zinnemann, D.SC., M.D., F.R.C.PATH.

Emeritus Librarians

D Cox, B.A., A.L.A.
B S Page, M.A., D.UNIV., F.L.A.

Emeritus Registrar

J MacGregor, O.B.E., B.A., M.ED., PH.D., LL.D.

Life Fellows

J W Belton, D.SC., PH.D.
F W Chattaway, M.SC., PH.D.
J Grossman, B.A.
R Forbes, D.F.C., B.COM., F.C.C.A.
D A Hall, PH.D., D.SC.
J Hartley, B.SC., F.G.S.
W Houghton-Evans, M.A., PH.D., Architect R.I.B.A., M.R.T.P.I.
M Kirk, J.P., M.A.
A J P Lockyer, M.A.
W H Trickett, M.SC.
W K J Walls, M.B., CH.B., L.R.C.P., M.R.C.S.
W F Williams, B.SC., PH.D., C.ENG., F.I.E.R.E., F.INST.P.

Former Professors and Heads of Departments and Services

(a) *Permanent appointments*

Architecture

B Spence	1955–57
J M Richards	1957–59
W A Singleton	1959–60
R F Jordan	1960–62
D L Lasdun	1962–64
Sir Donald Gibson	1966–68
P J Nuttgens	1968–70
B M Feilden	1973–74
F Candela Outeriño	1974–75
P Thompson	1977–78
A Derbyshire	1978–80
P R Banham	1981–82
P J Nuttgens	1984–85
R J Mainstone	1985–86

Chinese Studies

O Lattimore	1963–70
G B Downer	1970–83

Classics

R H Martin	1980–81

English Language

F W Moorman	1912–18
J R R Tolkien	1924–25
E V Gordon	1926–31
B Dickins	1931–46
H Orton	1946–64
A C Cawley	1965–79

English Literature

C E Vaughan	1904–13
G S Gordon	1913–22
L Abercrombie	1922–29
F P Wilson	1929–36
B Dobree	1936–55
G W Knight	1956–62
P D Strevens (contemporary English)	1961–64
W D B Grant (American literature)	1960–69
A N Jeffares	1957–74
D W Jefferson	1970–77
W Walsh (Commonwealth literature)	1972–81
G Hill	1976–80
B C Gibbons	1981–83
J E Morpurgo (American literature)	1969–83

Fine Art

M De Sausmarez (non-professorial appointment)	1951–59
Q C S Bell (non-professorial appointment until 1962)	1959–67
L Gowing	1967–75
A Noach (history of art and architecture)	1967–76
T J Clark	1976–80

French (Language and Literature until 1985)

P H M Du Gillon (French literature)	1904–13
P Barbier	1903–38
I D O Arnold	1938–49
G T Clapton	1949–64

Medieval French Language and Literature

I D O Arnold	1949–52

French Language and Romance Philology

S Ullmann	1953–68

German Language and Literature

A W Schüddekopf	1904–16
C E Gough (non-professorial appointment until 1924)	1917–39
R Peacock	1939–45
A Gillies	1945–73
J R Wilkie	1972–77
K G Knight	1979–86

Greek

W R Roberts	1904–23
H A Ormerod	1923–28
W M Edwards	1929–50
J A Davison	1951–66

History

A J Grant	1904–27
A H Thompson	1924–39
A S Turberville	1929–45
D C Douglas	1939–45
G P Chapman	1945–53
N Gash	1953–55
A Briggs (modern history)	1955–61
E Badian (ancient history)	1965–69
J A S Grenville (international history)	1965–69

J Le Patourel (medieval history) 1945–74
P H Sawyer (medieval history) 1970–82
A J Taylor (modern history) 1961–84

Italian Language and Literature
A Ungaro (non-professorial appointment) 1933–40
M F M Meiklejohn (non-professorial appointment) 1946–49
F May (non-professorial appointment) 1949–63
D M White (non-professorial appointment until 1968) 1964–84

Latin
B M Connal 1904–26
H Stewart 1926–29
P S Noble 1930–38
E J Wood 1938–67
O A W Dilke 1967–80
A J Woodman 1980–84

Linguistics
T F Mitchell 1964–80

Music
J R Denny 1950–71
A Goehr 1971–76
I Kemp 1977–81

Philosophy
C M Gillespie (non-professorial appointment until 1912) 1904–32
J W Harvey 1932–54
S E Toulmin 1955–59
J M Cameron 1960–67
P T Geach (logic) 1966–81
R F Holland 1967–83

Philosophy and History of Religion
E O James 1933–45

Phonetics
P A D MacCarthy (non-professorial appointment) 1948–77 (subsequently amalgamated with Linguistics)

Russian Language and Literature
J Kolni-Balozky (non-professorial appointment) 1918–39
R Shaftlin (non-professorial appointment) 1947–51
H M Hayward (non-professorial appointment) 1952–56
F M Borras (non-professorial appointment until 1965) 1956–80
A G Cross 1981–85

Semitic Languages and Literatures (Semitic Studies from 1969)
J N Schofield (non-professorial appointment) 1941–46
S Rawidowicz (non-professorial appointment) 1946–48
J Bowman (non-professorial appointment) 1948–59
B S J Isserlin (non-professorial appointment) 1960–81

Spanish and Portuguese (Spanish Language and Literature until 1985)
P Penzol (non-professorial appointment) 1918–45
R F Brown (non-professorial appointment until 1953) 1945–75
G A Davies 1975–86

Theology (and Religious Studies from 1975)
L E Browne 1946–52
J K S Reid 1952–61
T O Ling (comparative religion) 1970–73
E J Tinsley 1962–76
D E Jenkins 1978–84

Economic Studies
W T Newlyn (development economics) 1967–78
A J Brown 1947–79
C E V Leser (econometrics) 1967–80
M W Beresford (economic history) 1959–85
G D A Phillips (econometrics) 1980–86

Economic and Political Science
J H Clapham 1904–08
D H MacGregor 1908–19
J H Jones 1919–46
K S Lomax 1963–66

Industrial Relations
J H Richardson 1930–55
H A Turner 1962–64
T Lupton 1964–66

Geography
C B Fawcett (non-professorial appointment) 1919–28

A V Williamson (non-professorial appointment until 1944)	1928–53
R F E W Peel	1951–57
R E Dickinson	1958–70
J W Birch	1967–75

Politics

R Miliband	1972–78

Social Studies

A N Shimmin	1945–54
E Grebenik	1954–69
A H Hanson (politics)	1963–71

Law

W R Phillips	1904–19
J D I Hughes	1919–51
P J Fitzgerald	1960–67
P S James	1952–75

Adult Education and Extra-Mural Studies

S G Raybould	1946–69
N A Jepson	1970–83

Education

J Welton	1904–16
J Strong	1919–33
F Smith	1933–47
R N Armfelt	1949–55
W R Niblett	1947–59
B A Fletcher	1961–67
W Walsh	1957–72
T H B Hollins	1967–76
K Lovell (educational psychology)	1969–81
Miss M B Sutherland	1973–85

Institute of Education

W R Niblett	1948–59
B A Fletcher	1961–67
T H B Hollins	1967–76

Physical Education

R E Morgan (non-professorial appointment)	1938–73
J E Kane (non-professorial appoinmtent)	1973–74
G T Adamson (non-professorial appointment)	1974–79

Biology

L C Miall	1904–07

Biomolecular Structure

W T Astbury	1945–61

Biophysics

R D Preston	1953–73

Botany

V H Blackman	1907–11
J H Priestley	1911–44
Miss Irene Manton	1946–69
H W Woolhouse	1969–80

Chemistry

A Smithells	1904–23
R W Whytlaw-Gray	1923–45

Inorganic and Structural Chemistry

E G Cox	1945–60
H M N H Irving	1961–71

Organic Chemistry

J B Cohen	1904–24
C K Ingold	1924–30
F Challenger	1930–53
B Lythgoe	1953–78
F G Holliman	1966–82
P G Sammes	1979–85

Physical Chemistry

H M Dawson	1920–39
M G Evans	1939–49
F S Dainton	1950–65

Colour Chemistry and Dyeing

A G Green	1904–16
A G Perkin	1916–26
F M Rowe	1926–46
W Bradley	1948–61
I D Rattee	1962–85

Earth Sciences

R M Shackleton	1962–75
P G Harris	1971–75
J G Ramsay	1973–76
J C Briden	1975–86

Food Science (formerly Food and Leather Science)

A G Ward	1959–77

Geology

P F Kendall	1904–22
A Gilligan	1922–39
R G S Hudson	1939–40
H C Versey	1956–59
W Q Kennedy	1945–67

Geophysics

E Irving	1966–67
J S Reitzel	1967–68

Genetics

J R S Fincham	1966–76

Mathematics

L J Rogers	1904–19
W P Milne	1919–46
S Brodetsky (applied mathematics)	1924–48
J W Craggs	1961–63
G B Cook (computational science)	1965–69
H S Ruse (pure mathematics)	1946–70
T G Cowling (applied mathematics)	1948–70
M H Löb (mathematical logic)	1967–70
B L Welch (statistics)	1965–76
G R Allan (pure mathematics)	1970–78
H L Price (mathematics for applied science)	1964–82
D G Crighton	1974–85
A W Goldie	1963–86

Physics

W Stroud	1904–09
W H Bragg	1909–15
R Whiddington	1919–51
E C Stoner	1939–63
F E Hoare	1964–67
J G Wilson	1952–76

Plant Sciences

P B H Tinker (agricultural botany)	1972–77

Psychology

G P Meredith	1949–69
H Gwynne Jones	1969–81

Zoology

W Garstang	1907–33
E A Spaul	1933–60
J M Dodd	1960–68

Agriculture

R S Seton	1904–32
C Crowther (agricultural chemistry)	1913–19
N M Comber (agricultural chemistry)	1932–53
J MacGregor	1934–61
T L Bywater	1953–69
J H Western (agricultural botany	1951–71
J A F Rook (agricultural chemistry)	1965–70

Ceramics

J P Roberts	1966–73

Chemical Engineering

G G Haselden	1960–86

Civil and Mechanical Engineering

J Goodman	1904–22
W T David	1922–46

Civil Engineering

R H Evans	1946–68
A M Neville	1967–78

Electrical Engineering

G D A Parr (non-professorial appointment)	1904–14
W W E French (non-professorial appointment)	1919–26
E L E Wheatcroft	1926–40
G W Carter	1946–74
J D Rhodes	1975–81

Electrical and Electronic Engineering

A E Guile	1980–84

Electronic Engineering

P J B Clarricoats	1963–67
J O Scanlan	1968–73

Leather Industries

H R Procter	1904–13 and 1914–19
E Stiasny	1913–14
D McCandlish	1919–49
W R Atkin	1949–50
D Burton	1951–59

Mechanical Engineering

W T David	1946–48
D G Christopherson	1949–55
D C Johnson	1956–62

Coal Gas and Fuel Industries

W A Bone	1906–12
J W Cobb	1912–38
D T A Townend	1938–46
A L Roberts	1947–71

Metallurgy

N J Petch	1956–59

Mining

G R Thompson	1904–11
E L Hummel	1913–19
G Poole	1919–23
J A S Ritson	1923–36
F S Atkinson	1936–40
J T Whetton	1945–60
H J King (mining 1960–63, applied mineral sciences 1963–67)	1960–67

Textile Industries

R Beaumont	1904–14
A F Barker	1914–33
A T King	1933–39
A H Nissan (wool textile engineering)	1953–57
J B Speakman	1939–63
C S Whewell	1954–77
A Robson (fibre science)	1964–79

Anaesthesia

R P Harbord (non-professorial appointment)	1947–63
J F Nunn	1964–68
D G McDowall	1968–84

Anatomy

T W Griffith	1904–10
J K Jamieson	1910–36
A Durward	1936–64
R L Holmes	1965–83

Bacteriology

C L Oakley	1952–72

Biochemistry

F C Happold	1946–67
P N Campbell	1967–75

Cardiovascular Studies

R J Linden (see also Physiology)	1970–85

Chemical Pathology

F S Fowweather	1946–56
G H Lathe	1957–77
D B Morgan	1977–85
S R Stitch	1970–86

Experimental Pathology and Cancer Research

R D Passey	1926–53
H N Green	1954–67
D B Clayson	1967–74

Forensic Medicine

H J Campbell	1904–08
F W Eurich	1908–32
W H M Telling	1932–38
P L Sutherland	1938–46
C J Polson	1947–69
D J Gee	1970–87

Medical Physics

F W Spiers	1950–72
R E Ellis	1972–81
P R J Burch	1971–82
R P Parker	1983–85

Medicine

A G Barrs	1904–10
T W Griffith	1910–25
W H M Telling	1925–32
G W Watson	1932–37
W MacAdam	1937–46
F F Hellier (dermatology)	1968–69
Sir Ronald Tunbridge	1946–71
G P McNicol (LGI)	1971–81

Clinical Medicine

A G Barrs	1910–20
G W Watson	1925–32
R A Veale	1933–34
W MacAdam	1934–37
J L F C Burrow	1937–48
S J Hartfall	1948–64

Clinical Investigation

P Fourman	1963–68

Mineral Metabolism

B E C Nordin	1970–81

Microbiology

K S Zinnemann (clinical bacteriology)	1970–73
E Mary Cooke (clinical microbiology)	1973–82

Obstetrics and Gynaecology

C J Wright	1904–08
J B Hellier	1908–18
E O Croft	1918–23
C Oldfield	1923–30
W Gough	1931–36
A M Claye	1936–61
D C A Bevis	1973–84

Paediatrics and Child Health

W S M Craig	1946–68
C W Vining (diseases of children) (non-professorial appointment until 1927)	1922–46

Pathology and Bacteriology

A S Leyton	1904–17
M J Stewart (pathology)	1918–50
J W McLeod (bacteriology)	1922–52
R A Willis (pathology)	1950–55
C E Lumsden (pathology)	1956–74
C C Bird (pathology)	1975–86

Pharmacology

W A Bain	1946–59
D R Wood	1960–69
A M Barrett	1970–84

Pharmacology and Therapeutics

E F Trevelyan (non-professorial appointment until 1905)	1904–08
H J Campbell	1908–19
R A Veale	1925–32
S J Hartfall	1937–48

Physiology

D B Birch	1904–17
H S Raper	1917–23
W F Shanks	1923–26
B A McSwiney	1926–36
A Hemingway	1936–67
R J Linden (applied physiology — see also Cardiovascular Studies)	1966–70

Psychiatry (Mental Diseases 1904–46)

W Bevan-Lewis (non-professorial appointment until 1908)	1904–10
J S Bolton	1911–34
M J McGrath (non-professorial appointment)	1935–46
H V Dicks	1946–48
D R MacCalman (part-time 1954–57)	1948–57
G R Hargreaves	1955–62
M Hamilton	1964–77

Public Health

J S Cameron	1904–15
W Angus	1917–19
J J Jervis	1920–47
I G Davies	1947–58
D B Bradshaw	1958–73

Radiodiagnosis

M S F McLachlan	1973–76

Radiotherapy

P B Kunkler	1968–72

Radiology

A S Johnstone	1948–68

Surgery

H Littlewood	1904–10
R L Knaggs	1910–19
B G A Moynihan	1925–27
J F Dobson	1927–33
H Collinson	1933–36
E R Flint	1936–40
D Chamberlain	1946–56
J C Goligher	1954–77

Clinical Surgery

B G A Moynihan	1910–25
J F Dobson	1925–27
H Collinson	1927–33
A Richardson	1933–34
E R Flint	1934–36
L R Braithwaite	1936–38
H W Symons	1940–56
P J Moir	1952–60
D Chamberlain	1956–61

Orthopaedic Surgery

J M P Clark	1968–72

Urological Surgery

L N Pyrah	1956–64

Dentistry

T T Read (clinical dental surgery)	1931–59
D Jackson (children's and preventive dentistry)	1965–81
S M Weidmann (oral biology)	1965–69
F E Hopper (dental surgery)	1959–85
H S M Crabb (conservative dentistry)	1963–85

(b) *Heads of departments and Chairmen of schools under constitutions or rules governing rotation*

Archaeology

B R Hartley	1974–79
Dr L A S Butler	1979–82

Chinese Studies

G B Hook	1979–82
D Rimmington	1982–85

Classics

R H Martin (later Professor)	1978–81
K R Rowe	1981–87

English

Professor A N Jeffares	1961–64
Professor D Grant	1964–67
Professor T F Mitchell	1967–70
Professor A C Cawley	1970–73
Professor W Walsh	1973–78
Dr C L Barber	1978–80
S F Sanderson	1980–83
Professor J Barnard	1983–84
Professor T A Shippey	1984–86

Fine Art

S Chaplin	1982–85

French (Language and Literature until 1985)

Professor P M W Thody	1968–72
Professor T E Hope	1972–75
Professor P M W Thody	1975–79
Professor T E Hope	1979–82
Professor P M W Thody	1982–85
Professor T E Hope	1985–87

History

Professor A J Taylor	1962–71
Professor P H Sawyer	1971–74
Professor D N Dilks	1974–79
J Taylor	1979–82
G C F Forster	1982–85

Linguistics and Phonetics

Professor T F Mitchell	1978–80
W R O'Donnell	1980–83
Dr P J Roach	1983–86

Philosophy

M O Milligan	1981–84
Professor D Holdcroft	1984–87

Semitic Studies

Dr M J L Young	1981–82

Spanish and Portuguese

Professor G A Davies	1975–83
Dr C A Longhurst	1983–87

Economic Studies

Professor M W Beresford	1965–68
Professor W T Newlyn	1968–71
Professor M W Beresford	1971–72
Professor C E V Leser	1972–75
Professor J R Crossley	1975–78
G F Rainnie	1978–81
Professor M W Beresford	1981–83
Professor M J C Surrey	1983–86

Geography

Professor A G Wilson	1975–78
Professor M J Kirkby	1978–81
Professor A G Wilson	1981–84
Professor M J Kirkby	1984–87

Politics

Professor D Beetham	1980–84
Dr D Coates	1984–87

Sociology

Dr D Warwick	1979–83
Professor Z Bauman	1983–86

Law

Professor B Hogan	1975–78
Professor W V Horton Rogers	1978–79
Professor C D Drake	1979–82
Professor W V Horton Rogers	1982–85

Education

Professor W Walsh	1969–72
Professor T B Hollins	1972–75
Professor Margaret B Sutherland	1975–76
Professor P H J H Gosden	1976–80
E W Jenkins	1980–84
Professor D Child	1984–87

Chemistry*

Professor E G Cox	1953–56
Professor F S Dainton	1956–59
Professor B Lythgoe	1959–62
Professor H M N H Irving	1962–66
Professor P Gray	1966–68
Professor B Lythgoe	1968–71
Professor N N Greenwood	1971–74
Professor P Gray	1974–77
Professor F G Holliman	1977–80
Professor P G Sammes	1980–83
Professor N N Greenwood	1983–86

Computer Studies

Professor K Smith	1977–83

Earth Sciences

Professor R M Shackleton	1965–69
Professor P G Harris	1969–73

* A federal school.

Professor J G Ramsay	1973–76
Professor J C Briden	1976–79
Professor E H Francis	1979–82
Professor J C Briden	1982–85

Mathematics*

Professor H S Ruse	1968–70
Professor H L Price	1970–73
Professor B L Welch	1973–76
Professor A W Goldie	1976–79
Professor F A Goldsworthy	1979–82
Professor D G Crighton	1982–85

Mathematics for Applied Science

Professor H L Price	1968–70

Applied Mathematical Studies

Professor F A Goldsworthy	1970–75
Professor D G Crighton	1975–80

Pure Mathematics

Professor H S Ruse	1968–70
Professor A W Goldie	1970–72
Dr E W Wallace	1972–75
Professor G R Allan	1975–78
Dr F R Drake	1978–82
Professor E C Lance	1982–85

Statistics

Professor B L Welch	1968–76

Computational Science

Professor G B Cook	1968–69

Physics

Professor J G Wilson	1963–69
Professor J S Dugdale	1969–72
Professor P L Marsden	1972–75
Professor I M Ward	1975–78
Professor J S Dugdale	1978–81
Professor G J Morgan	1981–84
Professor P L Marsden	1984–87

Plant Sciences

Professor H W Woolhouse	1971–74
Professor P B H Tinker	1974–77
Professor H W Woolhouse	1977–80
Professor J Elston	1980–85

Pure and Applied Zoology

Professor D L Lee	1978–83

Electrical and Electronic Engineering

Professor P J Lawrenson	1974–84

Textile Industries

Professor P Grosberg	1975–83
Professor J E McIntyre	1983–87

Houldsworth School†

Professor A L Roberts	1956–70
Professor J Nutting	1970–75
Professor G G Haselden	1975–80
Professor A Williams	1980–85

Biochemistry

Professor Donald S Robinson	1971–85

Microbiology

Professor D H Watson	1972–76
Professor E Mary Cooke	1976–79
Professor D H Watson	1982–85

Psychiatry

Professor R H S Mindham	1977–80
Professor A C P Sims	1980–83
Professor R H S Mindham	1983–86

(c) *Heads of services and administrative departments*

Careers Service (formerly Appointments Board)

W R Grist	1920–48
Major-General J C Latter	1948–52
O H J Dick	1952–79

Combined Studies in the Faculty of Science

Dr F G Holliman	1962–66
Dr W F Williams	1966–83

Librarian

Miss Fanny J Passavant	1904–19
Dr R Offor	1919–47
B S Page	1947–69
D Cox	1968–86

Student Health Service

Dr R J Still	1949–73

University Archive

Dr J MacGregor	1979–83

* A federal school which, from its institution until 1979, included the Computing area within the constitution as the Department of Computational Science (including the Electronic Computing Laboratory) (1968–72), the Centre for Computer Studies (1972) and the Department of Computer Studies (1973–79).

† A federal school.

University Audio-Visual Service
(formerly Television Service)

D J G Holroyde	1965–76
Dr J R Moss	1977–83

Registrar

Dr W F Husband	1904–11
A E Wheeler	1911–43
Dr J V Loach	1945–71
Dr J MacGregor	1971–79

Bursar

G R Brench	1904–24
E J Brown	1924–56
E Williamson	1956–76

Retired Members of Staff

The Council has resolved that the following shall have privileges as members of the University (see Charter XIX):

	Date of Retirement		*Date of Retirement*
G T Adamson	1979	E Collinson	1987
T D Akroyd	1982	Mrs Ida E Cork	1963
E W Allam	1967	R Crawford	1982
W A Allott	1982	T S Crosby	1983
Mrs Margit Arons	1983	W A Cullen	1972
T C Askwith	1984	C Curry	1980
A P Atkinson	1983	R Dawson	1982
P K Ball	1982	C C Dell	1983
C L Barber	1980	T Dineen	1975
Mrs Emma S Barelli	1983	Dr Barbara Douglas	1983
L W Barnard	1983	W A G Doyle-Davidson	1971
D S Barnes	1982	H Droller	1974
W Barrett	1979	A E Earle	1982
W Belfield	1983	G F Edwards	1979
R Bellamy	1982	K W Elliott	1979
J W Belton	1977	Miss Kathleen M Euler	1971
H G Bevans	1985	Miss A J Ewbank	1984
G L Bibby	1982	S R Eyre	1982
C J Black	1983	J B Farquhar	1980
G W Black	1968	M Farrow	1983
H Blood	1969	R Forbes	1985
T G Boaz	1976	P C Gavin	1979
L W Bolton	1976	E L George	1971
S Boothman	1972	J T Gleave	1982
Miss Myrtle E A Boultwood	1973	J E Goldthorpe	1981
T J Bowen	1977	W Good	1982
R S Bradley	1972	M H Graefe	1980
L Brayshaw	1987	R A Graveling	1983
P A Briscoe	1984	T Greenhalgh	1976
E Broadhead	1985	W C Gregory	1982
D J L Brown	1983	J Grossman	1983
J C Brown	1983	J M Hamilton	1983
Miss Mary D Brown	1972	A E C Hare	1971
Miss Mary B Bruce	1971	A Harper	1981
G Bryant	1980	D F G Harriman	1986
M F G Buchanan	1984	A T Hawthorne	1976
E A Bull	1980	G A Hay	1981
Miss Winifred M Burbury	1960	Miss Betty Heaton	1983
Miss D E Burdis	1980	H Henson	1968
A F C Calder	1983	F Hepburn	1985
I R Card	1987	H Herlinger	1979
A S Carson	1987	W M Higgins	1981
F W Chattaway	1981	Miss Betty Hill	1982
P J C Child	1983	H Hill	1984
E R Clark	1984	H C Hillmann	1976
G B Clarke	1977	Mrs Anne G Holdsworth	1980
F Coggill	1983	Miss Beatrice Honikman	1971
Mrs C Doreen E Collins	1983	H J Hopkins	1985

	Date of Retirement
D Horner	1982
E Hughes	1966
H W Hunter	1987
B S J Isserlin	1981
G S James	1980
L Jepson	1984
C Johnson	1985
R S Johnson	1982
J Jones	1987
N S Carey Jones	1977
R C Kaye	1975
E W Kellermann	1980
B A Kilby	1980
C Kisby	1968
H G Köhler	1980
R L Langley	1957
E Langstadt	1975
A J C Latchmore	1971
M H Law	1983
G Lawson	1983
A L Laycock	1982
Miss Betty M Leach	1982
F A Leach	1982
F Lee	1980
Mrs H E J Le Patourel	1980
J R Lewis	1983
Miss Dorothy A Liley	1959
Miss Ursula M Lister	1980
Mrs Elena Lloyd	1985
W H Long	1968
J MacArthur	1969
R MacDonald	1986
Mrs Brenda McClelland	1986
D McCracken	1979
Miss Margaret D McCreath	1982
R McDonald	1979
Mrs Susan S H Macdonald	1987
W S McDonald	1983
I R McDougall	1985
Mrs Joan M Mackinnon	1972
J C Macrae	1966
G McTague	1979
A J Manuel	1983
R E D Markillie	1982
Miss Audrey J Martin	1968
D I Masson	1979
Miss Florence M Mawson	1962
Mrs Daphne G Medley	1982
S C Mitchell	1981
Mrs J Veronica Moore	1981
R S Mortimer	1979
Miss Lynette R Muir	1983
B B G Nehaul	1977
P P Newman	1981
D E Nicholson	1981
H R Noltie	1968
W J O'Connor	1976
W R O'Donnell	1983
U Onon	1985
J T Park	1983
M J Parsonage	1980
Mrs A D Patrick	1975
D Patterson	1983
R Peach	1982
C S Petch	1980
J A Pilgrim	1982
U T Place	1982
D I Poole	1987
Miss Jean B D Radford	1981
A Ravenscroft	1983
J A Ravetz	1983
Miss Dorothy H Rayner	1977
T F Redman	1981
G O Rees	1981
W J Rees	1980
Miss Lilian Rhodes	1967
J W T Richards	1983
A Richardson	1982
G W Richardson	1961
J D Ridge	1976
W Rigby	1976
Miss Mary R E Ringsleben	1981
Miss A Maureen Ross	1985
K R Rowe	1987
S W Sanders	1981
S F Sanderson	1983
J W Saunders	1982
Miss Lucy H Sharper	1963
P M Sheard	1974
Mrs Dorothy Shepherd	1954
Mrs Lydia Shorrocks	1981
Miss Barbara Simmons	1983
B H Simpson	1984
I G Simpson	1983
Mrs Morag C Simpson	1983
S A Skilbeck	1983
G F Smith	1965
W D A Smith	1983
D C Soul	1982
J W Spencer	1982
D H Sproull	1984
H Stansfield	1972
W Stein	1981
W B Stephens	1983

	Date of Retirement
T E Stephenson	1981
J A Stewart	1982
L H Stickland	1971
Miss Janet M A Stott	1968
Miss Marjorie Strother	1973
W S Stuart	1959
R Sutherland	1964
A R Taylor	1978
H J S Taylor	1987
R K Tempest	1982
W B Thompson	1979
Mlle Marie-Louise Thyss	1987
J R H Towers	1968
K G Towers	1983
A W Town	1983
Miss Mary Trewick	1983
H G Tupper	1976
Miss Mary D B Turner	1982
J Valentine	1981
Mrs Sybille M Van der Sprenkel	1983
Miss Sheila Verity	1983
J Waite	1983
P H Walker	1987
A E Wall	1982
Miss Sarah A Wallbank	1970
G W Wallis	1977
G E Welch	1982
Mrs Marjorie Westwood	1978
F P G Whitaker	1987
B Whittington	1985
Miss Marion B H Whyte	1970
W F Williams	1983
Mrs Edna Wilson	1983
J Wolf	1978
S Wolstenholme	1978
H Womack	1977
D R Wood	1982
C Woodhead	1978
J L Woodhead	1983
A J Wynne	1980

The following retired members of the staff are already, as graduates, members of the University:

	Date of Retirement
H Agar	1973
E C Allibone	1970
Mrs Honor M Anthony	1983
D Appleyard	1982
P J Atkinson	1985
Miss Eunice P M Bailey	1977
Dr Patricia M Ball	1983
E Beighton	1984
J W Bell	1983
T V Benn	1968
E W Bennett	1986
C L Bird	1972
W H Blackburn	1964
T McM Boyle	1976
P S Briggs	1970
P E Brookman	1979
D G Burns	1975
S Burr	1950
Miss Mary C Caldwell	1956
Miss Mary B Carey	1967
F H Cass	1983
A W Chronowicz	1980
J Copley	1981
D E C Corbridge	1984
J W Cox	1983
J Dalley	1986
P R Davidson	1979
E Dawson	1975
Miss Catherine M C Dorkin	1981
G Eaves	1982
S Ellis	1983
D B Feather	1980
J M Fitton	1981
Miss E Muriel Fox	1983
J E Garside	1981
N H E Gibson	1981
A Gilpin	1973
G N Glover	1983
A Griffiths	1983
R W Grimshaw	1987
G M Habberjam	1983
D A Hall	1982
Miss Marie A Hamilton	1981
Mrs Edith Harrison	1982
E L Harrison	1986
J Hartley	1984
E G Hauger	1986
R T Heylings	1983

	Date of Retirement
D R Hodgson	1987
W Houghton-Evans	1985
W S Hydes	1982
G H Illingworth	1968
G L Isles	1982
E W Jackson	1979
A G Jeffrey	1976
C Johnson	1966
K I Johnstone	1970
C M Jones	1967
F Jones	1986
R A S Keighley	1977
A Kelly	1972
M Kirk	1983
A V Knibbs	1983
Miss Dorothy M Leak	1968
N Lissimore	1963
S Lowy	1987
J MacGregor	1979
F S Mumby	1981
J O Myers	1982
G A Nelson	1969
Miss Olwen A Parry	1983
F M Parsons	1983
P Powell	1978
W J Prichard	1980
J R Proud	1983
C I E Rabagliati	1974
G W Reed	1976
K M Rudall	1975
P J Schofield	1983
W M H Shaw	1980
H S Shucksmith	1975
R Shuttleworth	1987
J Sikorski	1978
W A Sledge	1969
Miss Margaret M Smith	1969
Miss Frances M Stevens	1970
T W Sutherland	1981
D Taverner	1980
R L Thomson	1983
C B Thornham	1982
Mrs Y Joan Tough	1983
W N Townsend	1979
W H Trickett	1981
Miss Dorothy M Turner	1961
A E S Viner	1986
O Von Knorring	1981
L A Walker	1983
W K J Walls	1982
W Whitaker	1986
G Wilson	1979
Miss June M Woodhead	1987
W E Worrall	1987
H J Wright	1986
D Young	1982

The Faculties

The Faculty of Arts

Dean — Dr H Evans

The Vice-Chancellor
Mme M M H Akamatsu
Mr T Akamatsu
Mr R J Aldrich
Professor Andrews
Professor Arnott
Mr D Arrandale
Miss M K Atack
Mr T H Atkinson
Dr R E H Ballard
Mr M J Banham
Mr D Barber
Mr G D Barber
Professor Barnard
Professor Beddow
Dr M Bermejo Marcos
Dr R D Black
Dr R P Boon
Dr M G Brennan
Dr F R Bridge
Dr F G T Bridgham
Miss M C Britton
Dr A A Brockett
Mr M G Broers
Mr D Brook
Dr R H Brown
Dr A O Bullock
Dr L A S Butler
Dr M H Butler
Dr R F M Byrn
Mr R P Carr
Dr H P Cecil
Dr C E Challis
Dr H E Chambers
Mr S Chaplin
Dr S Chew
Dr B H Cheyette
Dr J C R Childs
Dr W R Childs
Mr J R R Christie
Dr D N Collins
Mr P H Coltman
Mr G W D Cook
Mrs J Cooksey
Mr C M Coope
Mr A R Cooper
Dr C D M Cossar
Dr D A Coward
Mr A P Cowie
Dr R Cueto Ruiz
Mr T T L Davidson
Mr R D Davies
Mr M C Davis
Mr R H Davis
Professor Dilks
Mr C E J Dolamore
Dr S G Donald
Miss D Douglas
Miss J Drinkwater
Dr J Dryhurst
Dr J K Elliott
Mr M A Emly
Dr H Evans
Professor Ewbank
Dr D Fairer
Mrs A C Farr
Dr F A Felsenstein
Mr T E S Flintoff
Mr G C F Forster
Mr E W Foster
Dr A T C Fox
Dr P R Franklin
Mr P J Fuller
Mr M A J Gollop
Dr H B Gottschalk
Dr P F Hammond
Mr R Hargreaves
Mr B R Hartley
Professor Hastings
Mr R J Hérail
Mr C B Herbert
Mr S J Heyworth
Dr J M Hill
Dr J G F Hind
Miss V H F A Hinton
Professor Holdcroft
Mr M J de K Holman
Professor Honan
Mr A Hughes
Mr G D Humphreys

Dr L A C Hunter
Miss J C Jackson
Dr W J F Jenner
Mr C A Johnson
Ms L A Johnson
Mr J E Jones
Dr V M Jones
Mr L W Keates
Dr R Killick
Dr U M King
Mr J Kinnaird
Mr I Klich
Dr K Knott
Mrs V Konzevich
Mr C E M Lavery
Dr P Leach
Dr H A Lewis
Mr J Windsor Lewis
Mr D Lindley
Father D Lloyd
Mr P Long
Dr G A Loud
Mr E A Lovatt
Dr A D Lowe
Dr P McDermott
Mrs S S H Macdonald
Dr R W McTurk
Mr N Madill
Mr J P Mann
Mr A F Mason
Dr A R Massa
Miss B C May
Mr P Meredith
Mr M O Milligan
Mr J D Morison
Mr P S Morrish
Dr S Morton
Mr I S Moxon
Mr D H Murdoch
Miss P E A Newman
Mr L F Orton
Miss C T Owen
Mr B W Page
Dr D Parker
Miss W M Parker
Mr W C Paton
Dr O S Pickering
Mr N Plummer
Dr G F S Pollock
Dr T C Potts
Mr N Pronay
Dr G R Rastall
Dr D Richards
Mr B F Richardson
Mr D Rimmington
Dr P J Roach
Mrs M C Rocher
Dr D Roe
Mr H Rorrison
Mr G MacDonald Ross
Dr J Rothenberg
Mrs C-Y Rotterova
Mr K R Rowe
Professor Rushton
Professor Sampson
Dr R Sansam
Mrs Y H Saxena
Mr B W M Scobie
Mrs C Scully
Mr D C Shaw
Dr M E Shepherd
Mr C D W Sheppard
Professor Shippey
Miss M A Shirt
Dr A Shivtiel
Dr S A Shuttleworth
Dr M Silverman
Mr J D Smart
Professor Speck
Dr E M Spiers
Mr A J Stead
Mr A Steele
Dr E D Steele
Mr J E Tailby
Mr J Taylor
Dr P M Taylor
Professor Thody
Mr M E Thorne
Mr P E Tinios
Dr F C C Todd
Dr L J Todd
Mr P S Valois
Dr A Wawn
Mr W Weaver
Dr J C Whale
Mr R M White
Dr R C Whiting
Mr P Wilby
Miss E G Williams
Dr R Williamson
Dr H Willmer
Miss C A Wilson
Dr K M Wilson
Dr I N Wood
Dr A D Wright
Mr E D Yeats
Dr M J L Young
Mr J A Younger

The Faculty of Economic and Social Studies

Dean — Dr A J Deacon

The Vice-Chancellor
Dr B M Alban-Metcalfe
Professor Allen
Dr C W Allinson
Dr K Atkinson
Dr C E Barker
Mr K A Barnard
Professor Bauman
Dr C L Baylies
Professor Beetham
Mr D S Bell
Professor Blumler
Mr T C Bond
Mr P D Bougen
Dr S M Bowden
Mr J K Bowers
Mr J F Brothwell
Dr L Brownstein
Dr R C Bush
Professor Butterworth
Dr L K Caldwell
Dr S Carter
Dr J A Chartres
Miss M-F Chen
Mr M C Clarke
Mr L R Cliffe
Dr D Coates
Mr C D Collins
Dr M Collins
Dr D H Coole
Professor Crafts
Professor Crossley
Mr R F J Davies
Dr A J Deacon
Mr G C Dickinson
Dr D H Duckworth
Mr R C Duke
Mr A M El-Agraa
Mrs Y M Fennell
Mr K N Field
Ms S C Fildes
Mr A G Foster-Carter
Dr A S Fowkes
Dr P G Francks
Dr G K Fry
Mr W J Gerrard
Dr J I Gleisner
Mr A T Green
Professor Gwilliam
Mr J Hallas
Mrs L M Harding
Dr M L Harrison
Mr S R Harrison
Dr O A Hartley
Mrs V L Hayden
Dr J Hayes
Mr J V Hillard
Dr J Hogg
Dr K Honeyman
Mr B G Hook
Dr M A Hudson
Mr G Johnson
Mr J R V Johnston
Mr A J Jones
Professor G R J Jones
Dr J R Killick
Dr R C J Kilminster
Dr F Kirkman
Mr Z W Kmietowicz
Mr F A Leeming
Dr C M Leigh
Mr B Levett
Dr J G Lockwood
Mr B P M McCabe
Dr A T McDonald
Mr J H Macdonald
Dr S M MacGill
Mr P J Mackie
Mr K Mann
Mr P J Marsh
Professor Maunders
Dr G Mercer
Dr T C Mills
Dr P W T Moreton
Dr P S Naden
Dr C A Nash
Miss K O'Donnell
Mr S G Ogden
Dr Q Outram
Mr J Palmer
Mr B E Partridge
Mr R D Pawson
Dr A D Pearman
Dr D A Preston
Mr H K Radice
Mr G F Rainnie
Mr T A Rathwell
Mrs E A Read
Dr P H Rees
Miss C H Robinson
Mr J J Schwarzmantel
Dr R T Smith

Ms S E Smith
Dr J C H Stillwell
Professor Surrey
Dr M Szeftel
Dr K Theakston
Mr C P Thunhurst
Dr G L Turnbull
Dr I M Varcoe
Dr M J Walles
Dr D Warwick
Mr C K Watkins
Mr H N Wellesley-Smith
Mr H Weston
Professor Wilson
Dr D C Wilson
Mr R V Wilson
Mr S J Winyard
Mr A G Witts
Dr J A Wolff
Mr D M Wood
Mr D J Woodcock
Mr K J Woolmer
Mr F W A Zanker

The Faculty of Law

Dean — Mr P J Seago

The Vice-Chancellor
Mr G J Bennett
Mr S N Bridge
Mr I D Brownlee
Mr H D Davies
Professor Drake
Mr W R Hinds
Professor Hogan
Dr C M Lévy
Mr M R T Macnair
Miss N Martin
Mr C M G Ockelton
Mr M L S Passey
Mrs M P Pilkington
Miss G J Pitt
Mr J M Porter
Mrs M A Richards
Mr J G Riddall
Professor Rogers
Mr P J Seago
Dr C P Walker
Mr R T Webb
Miss A M H Wolfgarten

The Faculty of Education

Dean — Dr M S Gosden

The Vice-Chancellor
Dr J Adams
Dr R J Alexander
Mrs A J E Anning
Mr W F Archenhold
Dr C Asher
Mr D R Barnes
Dr S H Bartle
Dr R F Beard
Mr M Beeson
Mrs D Bennett
Miss S C Beveridge
Mr D C Carter
Mr B R Chapman
Professor Child
Mr S R Clarke
Dr H Constable
Mr A M Croft
Dr A P Donajgrodzki
Dr R H Driver
Dr J R Dunford
Miss S Durston
Mr D J Fatchett
Mr K P Forrester
Dr E J Foster
Ms J Gardiner
Dr B Garvey
Mr J A Glossop
Dr D J Goodway
Dr M S Gosden
Professor Gosden
Mr W J Gunnell
Mr B J D Harrison
Mr J R Hartley
Mr J B Heaton
Miss J I L Jarvis
Mr E W Jenkins
Mr A M Kavanagh
Dr G W Knamiller
Professor Layton
Mr P Lewis
Dr R J Lewis
Dr M R Lindsay
Mr D F McDade
Professor Marriott
Mr M A Martin
Mr J G Mattock
Mr M M Mercer
Mr D Mills
Mr K K Mitchell
Miss J P Moon
Mr P L Nokes
Dr A Orton
Mr S J Parry
Miss A J Price
Mr M J Rayner
Dr I W Reid
Mr C Reynolds
Mr D Robinson
Mr T Roper
Dr P R Sharp
Dr D Shorrocks
Mr D V Skinner
Mr B L Spencer
Mr R L Spencer
Mr M C Stein
Mr A Stibbs
Dr D A Sugden
Mr K Tait
Mr D S Taylor
Mr R K S Taylor
Dr P D Tomlinson
Dr R W Unwin
Mr G T Wain
Mr K Ward
Mr P Watson
Mr D Webb
Dr G E Whalley
Mr P A Wiegand
Mr B J Wilks
Mr R P Williams
Mr D A Williamson
Mr C Wood-Robinson
Miss M Zukas

The Faculty of Science

Dean — Professor Cove

The Vice-Chancellor
Dr J W Akitt
Mr D Akrigg
Professor Alexander
Dr J F Allen
Dr R B J T Allenby
Dr D A Archer
Dr H J Atkinson
Mr E S Atwell
Professor Ayscough
Dr A J Baczkowski
Dr A Baines
Dr R A Baker
Dr J S Bale
Dr K Bartle
Dr D D Bartley
Dr J E F Baruch
Dr P D Battle
Dr D L Baulch
Dr S Baumberg
Dr D W Bethlehem
Dr M I G Bloor
Dr J E Blundell
Dr T Boddington
Dr N Boden
Dr D I Bower
Mr J F Bowers
Dr R D Boyle
Dr J B Boyling
Dr M G Brereton
Dr J Brindley
Dr P R Brook
Dr G Brooke
Dr J Brust
Dr R J Bushby
Dr G V Buxton
Dr I M Campbell
Dr G N Cantor
Professor Care
Dr S Carter
Dr A Chadwick
Professor Chapman
Dr S Chidlow
Dr S C Clark
Dr A R Clarke
Dr H Clemmey
Dr R A Cliff
Dr A A Clifford
Mr A J Cole
Dr E A B Cole
Mr P D L Constable
Dr G B Cook
Mr D N E Cooper
Dr S B Cooper
Professor Cove
Dr A C Cuming
Professor Dales
Dr G R Davies
Mrs P M Davies
Mr J Derrick
Dr E Dickinson
Dr M H Dodson
Dr F R Drake
Dr R A Duckett
Dr A J Duke
Mr M E Dyer
Dr A Earnshaw
Dr R A Earnshaw
Dr L Elliott
Dr D Ellman
Professor Elston
Dr L V Evans
Dr P J Evennett
Dr J D Fairhead
Dr S A E G Falle
Dr G A J Ferris
Dr C W G Fishwick
Dr C R Fletcher
Dr F O Flint
Professor Forbes
Dr D P Fordham
Dr A P Fordy
Professor Francis
Dr P Gans
Dr A J Geddes
Dr T C Gibb
Dr C A Gill
Dr J B Gill
Dr P Glentworth
Professor Goldsworthy
Dr D C Goodall
Mr T G Gough
Dr G N Graham
Dr J W Grahame
Dr J W Gramshaw
Professor Gray
Dr R Greatrex
Professor Greenwood
Dr D Greig
Dr J Griffiths
Dr J F Griffiths
Dr T R Griffiths

Dr W K Griffiths
Dr J T Guthrie
Dr D C Hall
Dr G Hallas
Dr D J Harberd
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Mr S J Parry	1986–89

Department of Psychology

Dr D W Bethlehem	1986–89	Dr D C Hall	1986–89

Department of Textile Industries

Mr M A Hann	1986–89	Mr G A V Leaf	1986–89

4. Members Elected by the Faculties

Mr A Foster-Carter		Dr F R Bridge	
Dr M Harrison		Mr R D Davies	
Professor Holdcroft		Dr D Fairer	
Dr K Knott	1987–90	Mr T E S Flintoff	
Mr K Mann		Professor Jones	1985–88
Dr G Mercer		Mr P Long	
Dr R Pawson		Mr I S Moxon	
		Dr O S Pickering	
		Ms G J Pitt	
Dr R H Davis			
Dr S G Donald			
Dr G K Fry	1986–89		
Dr D Roe			

*5. Student Members**

Miss J C Mars
Mr W K Morris
five vacancies

6. Ex-officio Members

(a) The Vice-Chancellor, the Chairman of the Board (Dr G L Turnbull), the previous Chairman of the Board (Mr D Rimmington), the Deans of the Faculties of Arts, Economic and Social Studies and Law (Dr H Evans and Dr A J Deacon, and Mr P J Seago), the Sub-Dean of the Faculties of Arts, Economic and Social Studies and Law (Mr B F Richardson), the Librarian (Mr R P Carr).

(b) The Senior Lecturer in Drama and Director of the Workshop Theatre (Mr M J Banham), the Supervisor of the Central Language Laboratory (Mr B W Page), the Research Director in the Centre for Television Research (Professor Blumler), the Director of the Centre for Medieval Studies (to be appointed), the Director of the Institute for Transport Studies (Professor Gwilliam), the Director of the Centre for Development Studies (Dr C Barker), the Director of the Centre for Archaeological Studies (Dr L A S Butler), the Director of the University Computing Service (Professor Wells).

(c) The Head of the University Audio-Visual Service (Mr D Brook).
The Assistant Sub-Dean of the Faculties of Arts, Economic and Social Studies and Law (Dr J C H Stillwell).

7. Representatives of Other Boards

Dr J M Woodhouse, 1987–88	Board of the Faculty of Engineering
Mr A W J Butler, 1987–88	Board of the Faculty of Medicine
Mr S J Parry, 1987–88	Board of the Faculty of Education
Dr J V Tucker, 1987–88	Board of the Faculty of Science

* Subject to registration for session 1987–88 on an appropriate scheme of study.

The Board of the Faculty of Education

1. Permanent Members

Professor Marriott (Department of Adult and Continuing Education)
Professor Gosden (School of Education)
Dr M R Lindsay (Department of Physical Education)

2. Ex-officio Members

The Vice-Chancellor
The Chairman of the Board of the Faculty of Education (Professor Marriott)
The Dean of the Faculty of Education (Dr M S Gosden)
The Librarian (Mr R P Carr)
The Chairman of the Committee on Adult and Continuing Education (Dr C E Challis)

3. Elected Departmental Members

Department of Adult and Continuing Education

Dr A P Donajgrodzki	1987–90	Dr J Adams	1986–89
Mr B J D Harrison	1987–90	Mr K P Forrester	1986–89
Mr B L Spencer	1987–90	Mr P Watson	1986–89
Mr R L Spencer	1987–90	Ms M Zukas	1986–89
Mr M C Stein	1987–90	Mr R K S Taylor	1985–88

School of Education

Mr W F Archenhold	1987–90	Ms J I L Jarvis	1986–89
Mr M J Rayner	1987–90	Dr A Orton	1986–89
Dr I Reid	1987–90	Mr D V Skinner	1986–89
Mr D S Taylor	1987–90	Mr J G Mattock	1985–88
Mr G T Wain	1987–90	Mr M M Mercer	1986–88
Dr R H Driver	1986–89	Dr G E Whalley	1985–88
Dr J R Dunford	1986–89	Mr R P Williams	1985–88

Department of Physical Education

Mr K K Mitchell	1986–89	Mr S J Parry	1986–89

4. Members Elected by the Faculty

Dr B Garvey (School of Education)	1987–90
Mr D F McDade (School of Education)	1987–90
Dr D Shorrocks (School of Education)	1987–90
Dr P R Sharp (School of Education)	1986–89
Dr P D Tomlinson (School of Education)	1986–89
Dr H Constable (School of Education)	1985–88

5. Members from Represented Departments and Subject Areas

Mr P Meredith (School of English) Mr J Palmer (School of Geography) Dr H P Cecil (School of History) Mr J Derrick (School of Mathematics) Mr G MacDonald Ross (Department of Philosophy) Mr D G Pritchatt (Department of Psychology) Dr D Warwick (Department of Sociology) Dr J K Elliott (Department of Theology and Religious Studies)	1985–88

6. Representatives of Other Faculty Boards

Mr F A Leeming (1987–89), Dr P J Roach (1987–89), Mr F W A Zanker (1987–89) and Mrs M A Richards (1986–88) (Board of the Faculties of Arts, Economic and Social Studies and Law)
Dr R J O Reid (1987–88) and Dr J A Stewart (1987–88) (Board of the Faculty of Science)
Mr J B Garner (1987–88) and Dr A J Moulson (1987–88) (Board of the Faculty of Engineering)
Dr D Cotterrell (1987–88) (Board of the Faculty of Medicine)

7. Student Members

Three student members to be elected at the beginning of the session 1987–88

8. Co-opted Members

The Director of Continuing Education

The Board of the Faculty of Science

1. Chairmen of Schools and Heads of Departments

Professor Care
Professor Chapman
Professor Cove
Professor Francis
Professor Goldsworthy
Professor Gray
Professor Greenwood
Professor Grosberg
Dr H Hassall
Dr I E Hughes
Mr D Hutchinson
Professor Leedale
Professor Lewis
Professor Mardia
Dr J F B Morrison
Professor North
Professor David S Robinson
Professor Robson
Dr J E Saxton
Professor Ward
Professor D H Watson
Professor Wilson

2. Ex-officio Members

The Vice-Chancellor
The Chairman of the Board of the Faculty of Science (Professor Greenwood)
The immediate Past Chairman of the Board of the Faculty of Science (Professor Lee)
The Dean of the Faculty of Science (Professor Cove)
The Chairman of the Committee on Higher Doctorates (Professor Greenwood)
The Chairman of the Joint M.Sc. Committee (Professor Chapman)
The Librarian or his named alternate (Mr H N Wellesley-Smith)
The Director of Combined Studies
The Assistant Director of Combined Studies
The Director of the Cookridge Radiation Research Centre
The Director of the University Computing Service or his named alternate (Dr A J Duke)

3. Members from Constituent Departments

School of Geography

Professor Kirkby	1987–90	Dr P E Kneale	1985–88
Dr J G Lockwood	1987–90	Dr P S Naden	1985–88

Department of Animal Physiology and Nutrition

Dr S B Telfer	1986–89		

Department of Biophysics

Dr J E Lydon	1986–89	Dr G N Graham	1985–88

Department of Inorganic and Structural Chemistry

Dr J B Gill	1986–89	Dr T R Griffiths	1985–88

Department of Organic Chemistry

Dr C W G Fishwick	1987–90	Dr G A Morrison	1985–88

Department of Physical Chemistry

Dr D Baulch	1985–88	Dr P Laye	1985–88

Department of Colour Chemistry

Dr J T Guthrie	1985–88

Department of Computer Studies

Mr E Atwell	1987–90	Dr L G Proll	1987–90
Dr M Dyer	1987–90	Mr A Wren	1987–90
Dr D Ellman	1987–90		

Department of Earth Sciences

Dr R A Cliff	1987–90	Dr J D Fairhead	1985–88
Dr S R Hencher	1986–89		

Procter Department of Food Science

Dr B L Wedzicha	1987–90	Dr J W Gramshaw	1986–89

Department of Genetics

Dr J A Stewart	1987–90

Department of Applied Mathematical Studies

Dr J Brindley	1986–89	Dr S D Mobbs	1985–88
Dr A P Fordy	1986–89		

Department of Pure Mathematics

Dr T D Talintyre	1987–90	Dr S Carter	1985–88
Dr S S Wainer	1986–89	Dr J C McConnell	1985–88

Department of Statistics

Dr C A Gill	1985–88

Department of Physics

Dr G R Davies	1987–90	Dr R Jakeways	1985–88
Dr P Rhodes	1987–90	Dr J K Jones	1985–88
Professor A A Watson	1986–89		

Department of Psychology

Mr A M Howes	1986–89	Mr J E Wright	1985–88

Department of Pure and Applied Biology

Dr J Brust	1987–90	Dr L V Evans	1987–89
Dr B Shorrocks	1987–90	Dr P J Mill	1987–88
Dr M J Wren	1987–90	Dr D J Pilbeam	1987–88

Department of Textile Industries

Dr J S Crighton	1987–90	Dr I Holme	1985–88
Dr J M Woodhouse	1987–90	Dr P T Speakman	1985–88

Department of Biochemistry

Dr B D Hames	1987–90	Dr A G Booth	1986–89
Dr J H Parish	1987–90	Professor Brown	1985–88

Department of Microbiology

Dr J G Shoesmith	1987–90	Dr I W Halliburton	1986–89
Dr J H Cove	1986–89		

Department of Pharmacology

Dr M S Yates	1987–90

Department of Physiology

Dr K M Rayfield	1987–90	Dr R A Summerill	1985–88
Dr W Winlow	1986–89		

4. Members from Represented Departments

Department of Philosophy

Dr H A Lewis	1987–90	Dr M J S Hodge	1986–89

School of Economic Studies

Mr Z W Kmietowicz	1986–89

Department of Management Studies

Mr H Weston	1986–89

School of Education

Mr D C Carter	1985–88

**Departments of Anatomy and Pathology*

Dr D R Johnson	1986–88

Department of Chemical Pathology

Dr C Schorah	1986–89

5. Members Elected by the Faculty

Dr J F Allen	1987–90	Professor Marsden	1987–90
Dr J S Bale	1987–90	Dr D C Munro	1987–90
Dr G V Buxton	1987–90	Dr D Smithies	1987–90
Mrs P M Davies	1987–90		
Dr J McPherson	1987–89	Dr C Pogue	1987–89
Dr P R Brook	1986–89	Dr R D Rodway	1986–89
Dr A Earnshaw	1986–89	one vacancy	1986–89
Mr T G Gough	1986–89		
Dr R D Boyle	1985–88	Dr A Humphreys	1985–88
Dr J W Grahame	1985–88	Four vacancies	1985–88

* Represented jointly on a biennial basis.

*6. Student Members**

Undergraduates:	
Physical sciences (1)	Mr M J Landsman
Biological sciences (1)	Mr S R Mason
Combined studies (1)	vacant
Postgraduates (1)	vacant

7. Representatives of Other Faculty Boards

A representative from each of the Boards of the Faculties of:

Arts, Economic and Social Studies and Law — Mr J R R Christie

Education — Ms M Zukas

Engineering — Dr P R Beeley and Professor Bradley

Medicine — Professor Donald S Robinson

8. Other members

Professor Elston
Professor Morgan

* Subject to registration as students for session 1987–88.

The Board of the Faculty of Engineering

1. Chairman of Schools and Heads of Departments

Professor Brook
Professor Cusens
Professor Dowson
Professor Grosberg
Dr M J Howes
Mr D Hutchinson
Professor McGreavy
Professor Nutting
Professor Williams
Professor Young

2. Ex-officio Members

The Vice-Chancellor
The Chairman of the Board of the Faculty of Engineering (Professor McIntyre)
The immediate Past Chairman of the Board of the Faculty of Engineering (Professor Brook)
The Dean of the Faculty of Engineering (Professor Cusens)
The Chairman of the Committee on Higher Doctorates (Professor Greenwood)
The Chairman of the Joint M.Sc. Committee (Professor Chapman)
The Librarian or his named alternate (Mr H N Wellesley-Smith)
The Director of the Institute for Transport Studies
The Director of the University Computing Service
The Director of Mathematics in Engineering and Applied Science

3. Members from Constituent Departments

Department of Computer Studies

Dr M Berzins	1987–90	Mr P H Jesty	1986–89
Dr T F Buckley	1987–90	Mr R C Thomas	1986–89
Dr J V Tucker	1987–90	Dr A P McCann	1985–88

Department of Ceramics

Dr S J Milne	1987–90	Dr F L Riley	1986–89

Department of Chemical Engineering

Mr A T Jackson	1987–90	Dr J R Flower	1985–88
Mr C N Collinge	1986–89	Mr A Pollard	1985–88

Department of Civil Engineering

Dr R D Mackey	1987–90	Mr J B Garner	1985–88
Ms H C Smyth	1987–90	Mr G R Leake	1985–88
Dr T W Cousens	1986–89	Professor May	1985–88
Mr D C Dalton	1985–88		

Department of Electrical and Electronic Engineering

Dr M A P Armstrong	1987–90	Dr D A Wilson	1987–90
Dr A E D Heylen	1987–90	Dr R G Cheetham	1986–89
Dr A Hughes	1987–90	Dr R E Miles	1986–89
Professor Matthews	1987–90		

Department of Fuel and Energy

Dr A G Clarke	1985–88	Dr W A Gray	1985–88

Department of Mechanical Engineering

Dr D A Crolla	1987–90	Dr C G W Sheppard	1986–89
Mr J L Douglas	1987–90	Dr C M Taylor	1986–89
Mr B B Miatt	1987–90	Dr G Craggs	1985–88

Department of Metallurgy

Dr T A Hughes	1987–90	Dr J R Atkinson	1985–88
Dr R Gee	1986–89		

Department of Mining and Mineral Engineering

Mr A G Royle	1987–90	Dr N Brook	1985–88
Dr N M Rice	1986–89		

Department of Textile Industries

Dr W Oxenham	1987–90	Dr M J Denton	1985–88
Dr J M Woodhouse	1987–90	Dr I Holme	1985–88
Professor Grosberg	1986–89		

4. Members from Represented Departments

School of Economic Studies

Professor Crossley	1986–89

Department of Management Studies

Mr H Weston	1986–89

School of Education

Mr B R Chapman	1986–89

School of Chemistry

Dr D C Munro	1987–90

Department of Earth Sciences

Mr A C Lumsden	1986–89

Procter Department of Food Science

Mr J Lamb	1986–89

School of Mathematics

Dr L Elliott	1987–90

Department of Physics

Professor Ward	1987–90

5. Members elected by the Faculty

Mr B Berrett	1987–90	Dr G Pollard	1987–90
Dr P R Green	1987–90	Dr P Wainwright	1987–90
Dr A E Gamble	1987–89	Dr P N Snowdon	1986–89
Mr B I Hassall	1986–89	Dr P Sunderland	1986–89
Dr P E Preece	1985–88	Dr G R Witchell	1987–88
Dr J Uren	1986–88	Mr A Wren	1985–88

*6. Student Members**

Undergraduates (3):	Mr C Jagusz 2 vacancies
Postgraduates (1):	vacant

* Subject to registration as a student for session 1987–88.

7. Representatives of Other Boards

Representatives from each of the Boards of the Faculties of:

Arts, Economic & Social Studies and Law — Mr N Pronay

Education — Dr J Adams

Science — Dr B L Wedzicha and Dr J R Woodward

Medicine — Dr B B Seedhom

8. Other Members

Director of Microsystems Unit

The Board of the Faculty of Medicine

1. Ex-officio Members

The Vice-Chancellor
The Chairman of the Board (Professor Jewell)
The Deputy Chairman of the Board (Professor Moore)
The University Librarian (Mr R P Carr)
The Dean of the Faculty of Medicine (Professor Scott)
The Dean of Postgraduate Medical Education (Mr D H Wilson)
The Dean of the School of Dentistry (Professor Basker)
The Dean of Clinical Studies (Dr J A Davies)
The Dean of Pre-Clinical Studies (Professor Moore)
The Clinical Sub-Deans (Leeds Eastern District — Mr P Whelan)
(Leeds Western District — Dr D W Purdie)
The Sub-Dean for Admissions in the School of Medicine (Dr P D Howdle)
The President of the Medical Students' Representative Council (to be elected)
The President of the Dental Students' Representative Council (Mr J P Hendron)

2. Permanent Members

Mr M J Abberton
Dr I D Adams
Dr C K Anderson
Dr S R Aparicio
Dr A T R Axon
Professor Ball
Dr M Bark
Dr D L Barnard
Dr M C J Barker
Dr D L Barnett
Mr J M Beck
Mr E A Benson
Dr I S Berg
Dr G H Berry
Dr L A Biran
Dr H A Bird
Dr G Bonsor
Dr A G Booth
Dr F Bostock
Dr D J Bowles
Mr T G Brennan
Dr J T Brocklebank
Mr D R Bromham
Mr R F Brown
Professor Brown
Dr J M H Buckler
Dr L Burkinshaw
Mr A W J Butler
Dr W P Butt
Dr S C Cartwright
Dr M A Chamberlain
Dr G N Chandler
Dr R R Chatrath
Dr J A Child
Dr D W Clark
Mr P B Clark
Dr A D Clayden
Professor Cooper
Dr J A Cotterill
Dr D Cotterrell
Dr P N Cowen
Dr A D Crew
Mr A C Crompton
Dr W J Cunliffe
Dr S Currie
Professor Curzon
Mr A R Dabbs
Dr A M Davison
Dr J B Dawson
Professor Dickson
Dr M F Dixon
Mr R L Doig
Mr F T de Dombal
Dr J B Dyson
Mr D S Eastwood
Dr R S Edmondson
Dr F R Ellis
Dr E G V Evans
Mr C G Fairpo
Dr M P Feely
Mr J D Fenwick
Mr O O Ffooks
Dr J B C Findlay
Mr M W Flowers
Dr W I Forsythe
Dr I C Fraser
Dr M Frieze
Mr A G Gandhi
Dr L G Gardner
Dr A T M Ghoneim

Mr R M Gibson
Professor Giles
Dr J N Glanville
Mr M R Glass
Dr J C Glyn-Jones
Professor Gowland
Mr J F Gravely
Dr M A Green
Dr A Greig
Mr P J Guillou
Dr R Hainsworth
Mr R I Hall
Dr M Hallas
Dr I W Halliburton
Dr M H Hambling
Dr B D Hames
Dr I F G Hampton
Dr K W Hancock
Mr D R Hanson
Mr R B Harcourt
Dr G J Hardy
Dr M D Hargreaves
Professor Harris
Dr H Hassall
Dr R V Heatley
Dr D G Herries
Professor Hervey
Dr S J Higgins
Mr J S Hillman
Dr A Hodgkinson
Dr K T Holland
Dr I E Hughes
Dr R P Hullin
Professor Hume
Dr W N Hutton
Mr M I Ionescu
Dr S I Jacobs
Dr D R Johnson
Professor Johnston
Dr W G Jones
Professor Jones
Professor Joslin
Dr F Karim
Dr J Kelleher
Dr A J Kenny
Mr R C Kester
Dr R A Killington
Dr M H King
Mr M J Kowolik
Professor Lacey
Dr J T Lamb
Dr B J Large
Dr M J Levell
Professor Lilford
Dr D J Lintott
Dr J M Littlewood
Mr E B Longton
Professor Losowsky
Mr H N MacDonald
Dr R G MacDonald
Mr R R MacDonald
Dr A J MacGregor
Dr D Mackay
Mr M J McMahon
Dr B A McVerry
Mr D J McWilliams
Dr S B Mahapatra
Dr D McD G Main
Professor Mainwaring
Mr B Martin
Mr D M Martin
Dr D A S G Mary
Dr M K Mason
Professor Meadow
Dr C A Middleton
Dr K J A Miloszewski
Professor Mindham
Dr J F B Morrison
Dr J Neasham
Mr M A Nelson
Dr T E Nelson
Dr M A Ness
Dr R E Oakey
Dr C B Oxby
Dr N M Packter
Dr J Panday
Dr J H Parish
Dr G J S Parkin
Dr M R Parsons
Dr R B Payne
Mr S L Pearson
Mr K R Peel
Mr R N Peel
Dr D J Potts
Dr D Powell
Mr D Pratt
Professor Prentice
Mr D J E Price
Dr H Pullen
Dr J P Ralph
Mr B F Reeves
Professor Richards
Dr K J B Rix
Dr B E Roberts
Dr J M Roberts
Dr C Robinson
Professor Donald S Robinson
Dr P J A Robinson
Dr N R Rowell
Dr C J Schorah

Dr T A Scott
Dr B B Seedhom
Dr R Seidelin
Mr F W Shea
Dr J G Shoesmith
Mr J H Shoesmith
Dr A V Simmons
Dr K C Simpkins
Professor Sims
Dr D R Smith
Mr P H Smith
Dr S E W Smith
Professor Smithells
Dr R P Snaith
Dr J Southern
Dr D A Spencer
Dr J Stevenson
Dr J B Stoker
Dr J Stone
Dr J C Sugden
Dr K A McL O Swinburne
Dr L M Swinburne
Dr S H Taylor
Dr C Toothill
Dr L A D Tovey
Dr A J Turner
Dr J K Wales
Dr B E Walker
Dr A N Watson
Mr D A Watson
Professor D H Watson
Dr J K Watters
Dr M A Waugh
Professor Weatherell
Dr G J Williams
Mr R E D Wiliams
Mr G Wilson
Dr W Winlow
Dr E J Wood
Dr T S Worthy
Dr C J Wright
Professor Wright

3. Co-opted Members

Mr D Brook
Professor Cove
Professor Wells

4. Members for sessions 1985–88

Dr J Aldridge Smith
Dr M S Chesters
Mr A R Cowen
Dr P S V Cox
Dr M E Dalton
Dr A M Grant
Dr B J Gray
Dr W J Green
Dr E E M Kernohan
Dr J G McCormack
Dr P J McKenna
Dr P N McWilliam
Dr S R W Moore
Dr S J Morley
Dr S Sivaloganathan
Dr A D Stewart
Dr A J Waker
Dr J H Walker

5. Members for sessions 1986–89

Dr L M Adams
Dr T F C Batten
Dr G E Blair
Dr J M Bulmer
Dr C Gray
Dr S J Harris
Dr R A Haward
Dr A W M Hay
Dr C S Holgate
Dr J A Illingworth
Dr A Mortimer
Dr C O'Brien
Dr C H Orchard
Dr A F Parker
Dr P Quirke
Dr D E Robertshaw
Dr M S Schweiger
Dr A Sheltawy
Dr J D Sinson
Dr J Sutton
Dr E M Whitaker
Dr C W M Winter

6. Members for sessions 1987–90

Dr K Appenteng
Dr M R Boyett
Dr I R Card
Dr H Dent
Ms D Howell
Dr T C Jerram
Dr D Owens
Dr S C Pirie
Dr K M Rayfield
Dr D Storer
Dr R A Summerill

7. Representatives of the medical students for session 1987–88

Miss C R Grainger
Ms F Smith
Miss S K Thornley

8. Representatives of the dental students for session 1987–88

Mr P G Stirrup
Miss H L Watson

9. Representatives of other Boards for session 1987–88

Mr S Harrison (Board of the Faculties of Arts, Economic and Social Studies and Law)
Mr C Wood-Robinson (Board of the Faculty of Education)
Dr J E Lydon (Board of the Faculty of Science)
Dr J R Atkinson (Board of the Faculty of Engineering)

Board for Collegiate Academic Awards

1. Ex-officio Member
The Vice-Chancellor

2. Chairmen of the Boards of Faculties
Dr G L Turnbull (Chairman of the Board of the Faculties of Arts, Economic and Social Studies and Law)
Professor Greenwood (Chairman of the Board of the Faculty of Science)
Professor McIntyre (Chairman of the Board of the Faculty of Engineering)
Professor Marriott (Chairman of the Board of the Faculty of Education)

3. The immediate past Chairman of the Board for Collegiate Academic Awards
Professor Jones

4. Members Nominated by the Boards of Faculties

Board of the Faculties of Arts, Economic and Social Studies and Law

Dr K Atkinson 1986–89 (School of Geography)
Dr H P Cecil 1985–88 (School of History)
Dr J C R Childs 1985–88 (School of History)
Dr D Coward 1986–88 (Department of French)
Dr F A Felsenstein 1985–88 (School of English)
Mr G C F Forster 1987–89 (School of History)
Mr D Lindley 1987–90 (School of English)
Mr H K Radice 1986–89 (School of Economic Studies)
Mr A Steele 1986–89 (School of English)
Mr C K Watkins 1987–90 (Department of Sociology)

Board of the Faculty of Education

Dr H Constable 1987–90 (School of Education)
Dr J R Dunford 1986–89 (School of Education)
Dr M S Gosden 1985–88 (School of Education)
Mr J G Mattock 1986–89 (School of Education)
Mr D F McDade 1985–88 (School of Education)
Mr S J Parry 1986–89 (Department of Physical Education)
Mr M J Rayner 1987–90 (School of Education)
Dr D Shorrocks 1986–89 (School of Education)
Mr P Watson 1985–88 (Department of Adult and Continuing Education)
Mr R P Williams 1986–89 (School of Education)

Board of the Faculty of Science

Dr D Bartley 1985–90 (Department of Pure and Applied Biology)
Dr J E Blundell 1984–89 (Department of Psychology)
Dr M G Brereton 1984–89 (Department of Physics)
Dr J Brust 1985–90 (Department of Pure and Applied Biology)
Professor Cove (*ex officio* Dean of the Faculty)
Dr A Earnshaw 1986–91 (Department of Inorganic and Structural Chemistry)
Dr M D Savage 1986–91 (Department of Applied Mathematics)

Board of the Faculty of Engineering

Professor Cusens (*ex officio* Dean of the Faculty)
Mr J L Douglas 1984–89 (Department of Mechanical Engineering)
Mr G M Thomson 1985–90 (Department of Textile Industries)

5. *Subject Panel Chairmen*

Dr K Atkinson (Studies in the Environment)
Mr M J Banham (Drama)
Professor Blumler (Communication & Cultural Studies/Public Media)
Mr J F Brothwell (Economics)
Dr H E Chambers (German)
Professor Child (Psychology)
Dr R Cueto (Spanish)
Dr F R Drake (Mathematics)
Dr A Earnshaw (Chemistry)
Dr H Evans (French)
Dr M S Gosden (Educational Studies)
Mr D Hutchinson (Computing)
Dr R Jakeways (Physics)
Mr J E Jones (Art and Design, Interarts)
Mr F A Leeming (Geography)
Mr D Lindley (English)
Dr M R Lindsay (Physical Education)
Professor Marriott (Huddersfield Polytechnic Further Education)
Mr D H Murdoch (American Studies)
Dr P J Roach (Language and Linguistics)
Professor David S Robinson (Home Economics)
Professor Rushton (Music)
Professor Sims (Dramatherapy)
Mr J Taylor (History)
Dr D Warwick (Human Sciences, Sociology)
Mr W Weaver (Theology and Religious Studies)
Mr R P Williams (Multi-Cultural Studies)
Mr F W A Zanker (Planning and Administration/Business Studies)
Vacancy (Biology/Rural Science)

6. *Members nominated by affiliated Colleges/Institutions*

(a) Four members (the Principal or his/her Deputy and three others) from those colleges offering degree schemes validated by the University

Bretton Hall College

Dr J Taylor (Principal)/Dr A M Staples
Mr J H Briel
Mr A C Brown
Mr P H Engineer

North Riding College

Mr F W Wright (Principal)/Mr K Ridley
Mr W H Fearon
Mrs W Sellars
Mr J F B Turner

College of Ripon and York St John

Dr G P McGregor (Principal)/Revd Canon H T Batey
Mr J M Jennings
Mr J A A Pattie
Mr J B Sellwood

Trinity and All Saints' College

Dr H M Hallaway (Principal)/Mr J S Dixon
Mr M C Owen
Mr J M Redding
Mr D Shemilt

(b) Two members (the Principal or his Deputy and one other) from those Institutions offering only non-degree schemes validated by the University

Huddersfield Polytechnic Faculty of Education

Professor Newbold (Dean of the Faculty)
Mr B Grant

Leeds Polytechnic Faculty of Educational and Leisure Studies, Department of Education

Mr D W Pyle (Head of Education)
Mr D Fisher

7. Chairman and Deputy Chairman

Chairman (appointed by Senate) Professor Hogan
Deputy Chairman (appointed by Senate) Mr D F McDade

Convocation

Members

The Chancellor
The Vice-Chancellor
The Pro-Vice-Chancellor
The Members of the Faculties of the University
The Registered Graduates of the University, and Associates

Standing Committee

Chairman	Judge G Baker, LL.B.
Member ex officio	The Vice-Chancellor
Representatives on the Court	Mrs Edith Clark, B.A., DIP.ED. C M Fenton, O.B.E., Diploma in Textile Industries, F.T.I., C.B.I.M. J MacGregor, O.B.E., B.A., M.ED., PH.D., LL.D. P T Marsden, B.SC. D M Watson, M.A.
Representatives on the Council	The Chairman of Convocation (ex officio) Mrs Margaret Ashton, M.SC. P P Newman, M.D. J M Sully, B.A.
Elected Members	J A Barber, B.SC., M.SC., M.I.E.E. P A Clayton, B.SC. Professor D Dowson, B.SC., PH.D., D.SC., HON.D.TECH., F.ENG., F.I.MECH.E. F A Felsenstein, B.A., PH.D. Professor P J Heggs, B.SC., PH.D., C.ENG., F.I.CHEM.E. D J F Hill, B.A., M.A., PH.D. B H Hogg, B.A., M.ED., F.R.G.S., F.COLL.P. E P Mallpress, B.A., M.ED. A Pollard, B.SC., C.ENG., C.CHEM., F.I.CHEM.E., F.R.S.C., F.INST.E., M.INST.M.C. W H Trickett, M.SC. Emeritus Professor C S Whewell, B.SC., PH.D., C.CHEM., F.R.S.C., F.T.I., F.S.D.C. One vacancy
Clerk	P Sunderland, B.SC., PH.D., C.CHEM., F.R.S.C.

Representatives of the University on Committees and on Other Institutions

The number following the date indicates the number of years in the term of the appointment.

		Appointment expires	
The Joint Matriculation Board			
Mr W F Archenhold		Sept.	1988 (1)
Mr D F Birchall		Sept.	1988 (1)
Mr J B Garner		Sept.	1988 (1)
Professor Gosden		Sept.	1988 (1)
Courts of other Universities			
Birmingham	Professor Marsden	Dec.	1990 (5)
Bradford	Professor McGreavy	March	1988 (3)
Hull	Professor Arnott	July	1990 (3)
Lancaster	Professor Donald S Robinson	Dec.	1988 (3)
Liverpool	Dr J Dryhurst	Dec.	1988 (3)
Convocation of other Universities			
Aston in Birmingham	Professor Cole	June	1991 (5)
Education Committees			
Calderdale Borough Council	Dr J R Dunford	May	1990 (3)
Affiliated Institutions			
College of the Resurrection, Mirfield	Mr C M G Ockelton	June	1990 (3)
	Dr H Willmer	June	1989 (3)
Bretton Hall College of Higher Education	Professor G R J Jones	April	1989 (3)
	Mr P Meredith	April	1989 (3)
North Riding College of Education Scarborough	Mr P A Wiegand	Aug.	1989 (4)
	Professor G R J Jones	Aug.	1990 (4)
College of Ripon and York St John	Dr J Brindley	Dec.	1990 (3)
	Dr M S Gosden	Dec.	1990 (3)
	Professor de Pennington	Dec.	1990 (3)
Trintity and All Saints College	Dr M J Denton	March	1989 (5)
	Dr J Dryhurst	March	1989 (5)
Governing Bodies of Polytechnics			
Leeds	Professor Drake	Aug.	1988 (3)
Huddersfield	Professor Marriott	May	1989 (3)
Governing Bodies of Colleges and Schools			
Askham Bryan College of Agriculture and Horticulture	Dr C L Johnson	Sept.	1990 (5)
Barnsley and District: Holgate School and Foundation	Dr P Sunderland	Jan.	1992 (5)

Batley:			
Grammar School	Dr P J Mill	April	1990 (4)
Bentham School	Mr I S Moxon	Dec.	1988 (5)
Beverley Grammar School	Mr E Stentiford	Dec.	1990 (3)
Bingley Grammar School	Dr D I Bower	Sept.	1988 (3)
Bradford:			
Girls' Grammar School	Mrs S M D Wheeler	Oct.	1989 (3)
Grammar School	Dr D I Bower	Dec.	1990 (3)
Tong Upper School	Dr G Singh	Aug.	1989 (3)
Bridlington School and School Foundation	Mr M J de K Holman	Aug.	1990 (3)
Brighouse:			
Brighouse High School	Dr T D Talintyre	Aug.	1989 (3)
Rastrick High School	Dr G Hallas	Aug.	1989 (3)
Calder High School	Dr L Elliott	Aug.	1990 (3)
Cleckheaton, Whitcliffe Mount School	Dr J E F Baruch	Aug.	1990 (3)
	Dr A D Pearman	Aug.	1990 (3)
Cleveland:			
Conyers School	Dr H Constable	March	1989 (2)
South Park Sixth Form College, Normanby	Dr D Handley	March	1989 (2)
Sir William Turner's VI Form College, Redcar	Dr R M Siddall	March	1989 (3)
Longlands College, Middlesbrough	Mr D A Jones	Aug.	1990 (3)
Drax, Read School	Dr R Jakeways	March	1989 (3)
Elland:			
Brooksbank School	To be appointed	Aug.	1990 (3)
Halifax:			
Crossley Heath School and Foundation	Dr M J Wren	June	1989 (3)
		June	1989 (3)
Rishworth School	Dr C Toothill	Aug.	1989 (3)
Percival Whitley College of Further Education*	nominee of the University of Bradford	Aug.	1990 (4)
Harrogate:			
Grammar School	Professor Care	May	1989 (4)
Granby High School	Mr T G Gough	Aug.	1989 (4)
Rossett High School	Mrs M C Rocher	Aug.	1989 (4)
Hipperholme Grammar School	Dr A J Moulson	Nov.	1988 (3)
Ilkley Grammar School and School Foundation	Dr D Fitzgerald	July	1989 (3)
		Jan.	1989 (5)
Keighley:			
Drake and Tonson's Foundation	Dr J H Keighley	March	1989 (3)
Knaresborough, King James's Grammar School and Foundation	Professor Mindham	Aug.	1989 (4)
Leeds, Agnes Stewart C. of E. High School	Dr P F Hammond	Sept.	1989 (3)
Leeds Education Committee			
Airedale and Wharfedale College of Further Education	Professor Marriott	Aug.	1989 (3)
Jacob Kramer College	Mr J E Jones	Sept.	1989 (3)

* representative nominated in rotation with University of Bradford.

Kitson College of Technology	Dr A Myers	Sept.	1989 (3)
City of Leeds College of Music	Professor Rushton	Sept.	1989 (3)
Park Lane College of Further Education	Dr E J Foster	Sept.	1989 (3)
Thomas Danby College	Mr J Lamb	Sept.	1989 (3)
Leeds Girls' High School	Mr E W Jenkins	Aug.	1990 (3)
Leeds Grammar School	Professor Losowsky	Aug.	1990 (3)
Leeds, Richmond House School	Mrs M Richards	Sept.	1989 (3)
Normanton Grammar School Foundation	Dr I M Varcoe	July	1990 (3)
Northallerton Grammar School	Dr I M Goodwill	May	1990 (5)
Northern College of Music, Royal	Professor Rushton	June	1988 (3)
Otley, Prince Henry's Grammar School and Foundation	Dr C J Hatton	Aug.	1989 (3)
Pocklington School	Professor Thody	May	1989 (3)
Pontefract:			
King's School Foundation	Dr D J Bowles	July	1988 (3)
Pudsey:			
Fulneck Boys' School	Dr J P Gent	March	1988 (3)
Fulneck Girls' School	Dr J M Hill	March	1988 (3)
Ripon Grammar School	Dr J Brindley	Aug.	1989 (4)
Scarborough:			
Sixth Form College	Mr D F Birchall	May	1989 (4)
Scarborough College	Professor Dowson	Aug.	1989 (3)
Sedbergh School	Dr H Evans	July	1989 (3)
Settle, Giggleswick School	Mr B Berrett	March	1988 (3)
Settle High School	Mr B R Chapman	May	1989 (4)
Sherburn High School	Dr H Clemmey	May	1989 (4)
Skipton:			
Girls' High School	Professor Donald S Robinson	April	1992 (5)
Ermysted's Grammar School	Dr A J Geddes	July	1989 (3)
Slaithwaite Education Foundation	Mr J B Garner	April	1988 (3)
Sowerby Bridge High School	Dr G Hallas	Aug.	1990 (3)
Tadcaster:			
Grammar School	Dr J A Stewart	May	1989 (4)
Oglethorpe and Dawson Educational Foundation	Miss P Newman	Nov.	1989 (3)
Thirsk School	Dr E Harrison	May	1988 (4)
Todmorden High School	Miss A McClurkin	Aug.	1990 (3)
Wakefield:			
College of Further Education	Mr J Schwarzenbach	Sept.	1989 (3)
Grammar School & High School	Dr R D Pollard	July	1989 (3)
Silcoates School	Dr R F M Byrn	July	1989 (3)
Wensleydale Comprehensive School	Dr J K Elliott	May	1989 (4)
Whitby School	Mr G Humphreys	May	1989 (4)
Wortley Free School Trust	Dr R A Baker	May	1989 (3)
York:			
St Peter's School	Dr H G Dean	Dec.	1988 (5)

Other Bodies

Adult and Continuing Education, Universities Council for	Professor Brook Professor J S Marriott		

Akroyd Foundation	Dr I M Goodwill	June	1990 (5)
	Mr J Taylor	June	1990 (5)
Archaeology, Council for British Universities Committee of	Dr L A S Butler		
	Mr B R Hartley		
North Yorkshire County Council: Archaeological Rescue Committee	Professor G R J Jones		
Roman York Excavation Committee	Mr B R Hartley		
York Archaeological Trust	Dr L A S Butler		
Archive Service, West Yorkshire Archives Consultative Council	Professor Beresford	May	1989 (4)
British Association for the Advancement of Science, West Yorkshire Area	Dr A Chadwick		
	Professor Mainwaring		
British Standards Institution (Textile Committee T.M.T./63)	Mr K C Jackson		
British Universities Film and Video Council	Mr N Pronay	July	1990 (3)
Educational Research, National Foundation for	Professor Child		
Federated Superannuation System for Universities, Central Council of	The Bursar		
Field Studies Council, General Advisory Committee	Dr M S Gosden		
General Dental Council	Professor Basker	Sept.	1989 (5)
General Medical Council	Mr D H Wilson	Sept.	1991 (5)
Georgian Theatre, Richmond, Board of	Mr M J Banham		
Hamlyn Trust	Professor Hogan	March	1989 (5)
Health Visitors Training Centres, Standing Conference of	Miss J Fitton		
Higher Education, Inter-University and Polytechnic Council for	Mr D F Birchall	Sept.	1991 (4)
Holgate Hill Eduational Settlement, York	Mr B J D Harrison	Jan.	1988 (1)
Joint University Council for Social and Public Administration: Social Work Education Committee	Mr M C Stein		
Leeds Athletic Institute Advisory Board	Mr K K Mitchell		
Leeds Chamber of Commerce and Industry, Council of	Professor Dowson		
Leeds Children's Holiday Camp Association	Mrs D Bennett		
Leeds Council, Centre for Voluntary Service	To be appointed		
Leeds Group on Industry and Employment	Professor Dowson		
Leeds International Council	Mr A K Banerjea		
Leeds/Lille Friendship Committee	Professor Thody		

Leeds Regional Medical Recruitment Committee	The Dean of the Faculty of Medicine (*ex officio*)		
Physiotherapy Committee, Leeds General Infirmary, School of	Dr D A Sugden	Aug.	1990 (3)
Swarthmore Settlement Centre, Leeds	Mr P L Nokes	Dec.	1989 (3)
	Mr C M G Ockelton	Dec.	1989 (3)
Universities Central Council on Admissions	Mr D F Birchall	Oct.	1989 (4)
	Mr J B Garner	Oct.	1989 (4)
	Mr D Rimmington	Oct.	1989 (4)
Universities Council for the Education of Teachers	Professor Gosden Professor Child Professor Layton		
Standing Committee A	Dr M S Gosden	Sept.	1989 (3)
Standing Committee B	Mr G T Wain	Sept.	1989 (3)
Standing Committee C	Dr P R Sharp	Sept.	1989 (3)
Standing Committee D	Mr J G Mattock	Sept.	1989 (3)
Standing Committee E	Professor Gosden	Sept.	1989 (3)
Standing Committee F	Dr B Garvey	Sept.	1989 (3)
University Entrance, Standing Conference on	D C J Hatton		
Wakefield, Pinderfields Hospital College of Physiotherapy	Dr P N McWilliam	July	1988 (3)
	Dr M R Lindsay	July	1988 (3)
	Mr J G Mattock	July	1988 (3)
Yorkshire and Humberside Association for Further and Higher Education:			
Council*			
Higher Education Committee	Professor Hogan		
Staff Development Committee	Mr J G Mattock		
Consultative Committees:			
Civil Engineering	Dr J Harrop	Sept.	1988 (3)
Electrical Engineering	Dr J M Stephenson	Sept.	1988 (3)
Mining	Mr J MacFarlane	Sept.	1988 (3)
Materials Technology	Dr R I Marshall	Sept.	1988 (3)
Mechanical and Production Engineering	Mr J L Douglas	Sept.	1988 (3)
Ad hoc Consultative Committee:			
Agriculture/Horticulture	Dr C L Johnson	Sept.	1988 (3)
Yorkshire and Humberside Association of Education Authorities: Management Committee on the CCDU	Professor Gosden Dr R M Siddall		
Yorkshire and Humberside, Museum and Art Gallery Service for, Area Council	Mr S Chaplin		
Yorkshire and Humberside Territorial, Auxiliary and Volunteer Reserve Association	Mr B G Hook		
Yorkshire County Scout Council, Central	Mr D Robinson		
Yorkshire Regional Cancer Organisation, Liaison Committee	Dean of the Faculty of Medicine		

* Representative nominated in rotation with other four universities in Yorkshire and Open University.

Yorkshire Rural Community Council	Mr D Shaw	March	1988 (3)
Yorkshire Rural Community Council Drama Committee	Mr B J Wilks		
Young Men's Christian Association, Board of Management, City of Leeds	Mr S J Parry	June	1989 (5)
Zion Sunday School Trustees	Dr F A Felsenstein		

Staff

(Listed as at 1 October 1987. † indicates an appointment to the academic and related staff for a fixed term. Staff are listed alphabetically within categories: the main entry for each staff member is printed in capital letters, other entries in lower case. * indicates part-time staff.)

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Dean of the Faculty — Dr Howard Evans

Sub-Dean of the Faculties of Arts, Economic and Social Studies and Law — Brian F Richardson

Assistant Sub-Dean of the Faculties of Arts, Economic and Social Studies and Law — Dr John C H Stillwell

Secretary — Mrs CONSTANCE M GRIMSHAW

Senior Clerk — Miss ANNE WESTBROOKE

Chinese Studies

Head of the Department 1985–88 — Brian G Hook

Professor — Vacant

Senior Lecturers — BRIAN G HOOK, B.A., *London*, F.R.S.A.
DONALD RIMMINGTON, M.A., *Cambridge*

Lecturers — Miss MAE-FUN CHEN, M.A., *Oxford*
PENELOPE G FRANCKS, B.A., *Cambridge*, M.Sc., Ph.D., *London*
W J F JENNER, B.A., D.Phil., *Oxford*
C E MARK LAVERY, M.A., B.Litt., *Oxford*
Mrs CHING-YÜ ROTTEROVA, B.A., *Yenching*
Mrs YANG HAN SAXENA, B.A., *York*
PO-CHING YIP, Ph.D., *Leeds*

Departmental Secretary — Mrs JEAN DOBSON

Clerk — Mrs S CLAIRE BROWN

Technician — PETER J NIX, B.A., *Nottingham*

School of Classics

Acting Chairman of the School of Classics — Hans B Gottschalk

Professor of Greek Language and Literature — W GEOFFREY ARNOTT, M.A., Ph.D., *Cambridge* (*on leave*)

Professor of Latin Language and Literature — Vacant

Reader in Classics — HANS B GOTTSCHALK, M.A., Ph.D., *Cambridge*

Reader in Roman Provincial Archaeology — BRIAN R HARTLEY, M.A., *Cambridge*, F.S.A.

Lecturers — T EVERARD S FLINTOFF, M.A., *Oxford*, Dip. Ed., *Durham*

†STEPHEN J HEYWORTH, M.A., Ph.D., *Cambridge*
ROBERT MALTBY, M.A., Ph.D., *Cambridge*
IAN S MOXON, M.A., *Edinburgh* and *Oxford*
JOHN D SMART, M.A., *Oxford*

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Project Officer — †Miss BRENDA M DICKINSON, B.A., *Leeds*
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Mrs DOREEN R HIND

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Professor of English Language and Medieval English Literature — THOMAS A SHIPPEY, M.A., *Cambridge* (*on leave*)

Professor of English Literature — INGA-STINA EWBANK, B.A., *Minnesota* and *Gothenburg*, M.A., *Sheffield*, Ph.D., *Liverpool* (*on leave 1st term*)

Professor of English and American Literature — PARK HONAN, M.A., *Chicago*, Ph.D., *London*

Senior Lecturers — MARTIN J BANHAM, M.A., *Leeds*
ANTHONY COWIE, M.A., *Oxford*
FRANK FELSENSTEIN, B.A., Ph.D., *Leeds*
DAVID LINDLEY, B.A., B.Phil., *Oxford*
PETER MANN, B.A., *Sheffield*
PETER MEREDITH, M.A., *Oxford*
ALISTAIR J STEAD, B.A., B.Litt., *Oxford*
LORETO TODD, M.A., *Belfast*, M.A., Ph.D., *Leeds*

Lecturers — RICHARD BOON, B.A., Ph.D., *Sheffield*
MICHAEL G BRENNAN, M.A., *Cambridge*, M.A., D.Phil., *Oxford*
RICHARD H BROWN, B.A., Ph.D., *London*
MARTIN H BUTLER, B.A., Ph.D., *Cambridge*
SHIRLEY CHEW, B.A., *Singapore*, B.Phil., *Oxford*, Ph.D., *Singapore*
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DAVID FAIRER, M.A., D.Phil., *Oxford*
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VIVIEN M JONES, B.A., D.Phil., *Oxford*
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WAYNE C PATON, A.B., *Harvard*, M.A., *Columbia*

† indicates an appointment to the academic and related staff for a fixed term.

	DAVID RICHARDS, M.A., *Cambridge* and *London*, Ph.D., *Cambridge*
	BRIAN W M SCOBIE, M.A., *Glasgow*
	SALLY A SHUTTLEWORTH, B.A., *York*, Ph.D., *Cambridge*
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	ANDREW WAWN, B.A., Ph.D., *Birmingham*
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	Miss ELIZABETH G WILLIAMS, M.A., *London*
	EDWIN YEATS, B.A., *Durham*
	JOHN YOUNGER, B.A., *Leeds*, A.R.C.A.
Lecturer and Supervisor of Icelandic Studies	RORY W McTURK, M.A., *Oxford*, B.Philol., *Iceland*, Ph.D., *NUI*
Honorary Lecturers	†STANLEY ELLIS, M.A., *Leeds*, M.I.L.
	†ARTHUR RAVENSCROFT, M.A., *Cambridge* and *Cape Town*
Associate Lecturer	†Dr Oliver S Pickering
Montague Burton Fellow in Jewish Studies	†BRYAN H CHEYETTE, B.A., Ph.D., *Sheffield*
Honorary Harold Orton Fellow	†STEWART F SANDERSON, M.A., *Edinburgh*
Honorary Douglas Grant Fellow	†WILLIAM WALSH, M.A., *Cambridge* and *London*
Honorary Co-Editors of English Dialect Survey Dictionary	†Dr C S UPTON, B.A., M.A., *Wales*, Ph.D., *Leeds*
	†Professor J D A WIDDOWSON, M.A., *Oxford* and *Leeds*, Ph.D., *Memorial*
	†Professor A ZETTERSTEN
Teaching Assistants	†Mrs ANN BOWERS, B.A., M.Phil., *Leeds*
	†Mrs YVONNE SURTEES, B.A., *Durham*, M.Phil., *Leeds*
	†Mrs GINA WILD, B.A., *Leeds*
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Miss SARAH E BRECKIN	Mrs STELLA P GARSIDE
Mrs EILEEN COVEMACKER, B.A., *Open*	Mrs DOREEN J PINE*
	Mrs ANNE E L TINDALL
Technical Instructor in the Workshop Theatre	TREVOR E FAULKNER, A.M.N.Inst.E.
Technician	CHRISTOPHER JOWETT

INSTITUTE OF BIBLIOGRAPHY AND TEXTUAL CRITICISM

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Lecturers	Dr Frank Felsenstein
	Dr Paul Hammond
	Dr Lynette Hunter
	Peter Mann
	Brian Scobie

WORKSHOP THEATRE

Director of the Workshop Theatre	Martin J Banham

† indicates an appointment to the academic and related staff for a fixed term.
* indicates part-time staff.

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Oliver Pickering
Brian J Wilks

Senior Instructor
Trevor E Faulkner

Technician
Christopher Jowett

Fine Art

Professor
Vacant

Head of the Department 1985–88
C Barry Herbert

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C BARRY HERBERT
JOHN E JONES, N.D.D., A.T.D., Dip. Fine Art, *London*, A.R.W.A.
GRISELDA F S POLLOCK, B.A., *Oxford*, M.A., Ph.D., *London*

Lecturers
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Miss DIANA DOUGLAS, B.A., *Birmingham*, M.A., *London*
ANTHONY HUGHES, B.A., *London*
JOHN KINNAIRD, B.A., *Durham* (*on leave*)
LIONEL F ORTON, M.A., *London*

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†Mrs CHRYSTAL M HART, B.A., *Bristol*

Departmental Secretary
Ms LORRAINE WINTER

Librarian
Miss JANET PELL

Clerical Staff
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Technical Staff
Miss HILARY DIAPER, B.A., *Leeds*
PETER NAUGHTON

French

Professor of French Literature and Head of the Department 1987–90
PHILIP M W THODY, M.A., *London*, M.A.(Hon.), *Adelaide*, F.I.L., Officier dans l'Ordre des Palmes Académiques, F.R.S.A.

Professor of French Language and Romance Philology
Vacant

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HOWARD EVANS, B.A., *Bristol*, D. de l'Univ., *Bordeaux*
F CHRISTOPHER C TODD, B.A., Ph.D., *London*

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CHARLES E J DOLAMORE, B.A., *Wales*
RENÉ J HÉRAIL, L. ès L., D.E.S., *Paris*, F.I.L., Chevalier dans l'Ordre des Palmes Académiques, Chevalier de l'Ordre des Arts et des Lettres

† indicates an appointment to the academic and related staff for a fixed term.
* indicates part-time staff.

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	DAVID C SHAW, M.A., *Exeter*
	MARGARET E SHEPHERD, B.A., Ph.D., *Hull*
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	†Mlle ANNE A M CUSSET, L. ès L., Lyon III
	†Mlle SYLVIE HOUARD, Maît. L.E.A., Valenciennes
Lecteur	†FRANCOIS B OURSEAU, Maît. ès L., *Paris XII*
Departmental Secretary	Miss JULIE K THORNTON, B.A., *Sheffield*
Senior Clerk	Mrs ANNETTE M S TORODE*, B.A., *Liverpool*
Clerks	Ms SUSAN M DARWELL
	Mrs CHRISTIANE M C SANDERS
Supervisor of Languages Departmental Library	Mrs SUSAN M DOLAMORE*, M.A., *Liverpool*
Clerk, Languages Departmental Library	Mrs JANET M KISH*, B.A., *London*

German Language and Literature

Professor of German and Head of the Department	MICHAEL BEDDOW, M.A., Ph.D., *Cambridge*
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	HUGH RORRISON, M.A., *Glasgow* (*on leave 2nd term*)
Lecturers	FREDERICK G T BRIDGHAM, B.A., *Belfast*, Ph.D., *Cambridge*
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	HELEN E CHAMBERS, M.A., Ph.D., *Glasgow* (*on leave 1st term*)
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	JOHN E TAILBY, M.A., B.Phil., *St Andrews*
Visiting Lecturer	CHRISTA HARTWIG, Dr. Phil., *Halle*
Lektorinnen	†Miss ANN HEILMANN
	†Miss MARIA SEISSL
Departmental Secretary	Miss K LESLEY NUTT

† indicates an appointment to the academic and related staff for a fixed term.
* indicates part-time staff.

School of History

Chairman of the School of History Dr David Parker
1985–88

ANCIENT HISTORY

Professor	Vacant
Lecturer	JOHN G F HIND, M.A., Ph.D., *Cambridge*, F.R.Numis.S.
Research Fellow	†Ms TRACEY E TUCKER, B.A., *Kent*, Ph.D., *Leeds* (*joint post with Geography*)

MEDIEVAL HISTORY

Professor	Vacant *sine die*
Reader	JOHN TAYLOR, M.A., *Oxford*
Senior Lecturer (*Medieval Archaeology*)	LAWRENCE A S BUTLER, M.A., *Cambridge*, Ph.D., *Nottingham*, F.S.A. (Radiation protection supervisor)
Senior Lecturer	WENDY R CHILDS, M.A., Ph.D., *Cambridge*
Lecturers	GRAHAM A LOUD, M.A., D.Phil., *Oxford* IAN N WOOD, M.A., D.Phil., *Oxford*
Honorary Lecturer	†RICHARD K MORRIS, M.A., *Oxford*, B.Phil., *York*, F.S.A.
Associate Lecturer	Mr Brian R Hartley

INTERNATIONAL MEDIEVAL BIBLIOGRAPHY

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Consulting Editor	Dr Ian N Wood
Clerical Staff	Mrs ELIZABETH FIRTH Mrs SANDRA HARVEY*

MODERN HISTORY

Professor of Modern History	WILLIAM A SPECK, B.A., D.Phil., *Oxford*
Professor of International History	DAVID N DILKS, B.A., *Oxford*
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English Language Unit
See page 280

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Mathematics
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Centre for Studies in Science and Mathematics Education

See page 196, Faculty of Science

English Language Unit

See page 280

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Experimental Officer
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Professor of Organic Chemistry Vacant

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Head of the Department 1983–89
Denis Hutchinson

Professor of Computer Science
Vacant

Reader in Computer Science
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†DAVID T MORRIS, B.Sc., *Leeds* (joint post with Mechanical Engineering)
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Earth Sciences

Professor of Earth Sciences and Head of the Department 1985–88 — E HOWEL FRANCIS, B.Sc., D.Sc., *Wales*, F.R.S.E., F.G.S.

Professor of Geophysics — Vacant

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RAYMOND HIDE, F.R.S.

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Reader in Mantle Geology — PETER H NIXON, B.Sc., Ph.D., D.Sc., *Leeds*, F.I.M.M.

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Deputy Chairman 1987–90	Dr Eric A B Cole
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Professor of Applied Mathematics and Head of the Department April 1988–1991	DEREK B INGHAM, B.Sc., Ph.D., D.Sc., *Leeds*, F.I.M.A.
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Professor of Mathematics for Applied Science	Vacant *sine die*
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Professor of Agricultural Zoology — DONALD L LEE, B.Sc., *Durham*, Ph.D., *Cambridge*, F.I.Biol.

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Reader in Invertebrate Zoology — JOSEPH B JENNINGS, B.Sc., Ph.D., D.Sc., *Leeds*

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†Dr Larry Brownstein
Dr Eileen Ingham
Dr John R G Turner

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See page 152, Faculty of Arts

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See page 216, Faculty of Engineering

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Anatomy

See page 223, Faculty of Medicine

Biochemistry

See page 224, Faculty of Medicine

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See page 156, Faculty of Economic and Social Studies

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See page 241, Faculty of Medicine

Pharmacology

See page 251, Faculty of Medicine

Philosophy

See page 149, Faculty of Arts

Physiology

See page 252, Faculty of Medicine

Faculty of Engineering

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Professor	NORMAN DOMBROWSKI, Ph.D., D.Sc., *London*, D.I.C., A.C.G.I., C.Eng., F.I.Chem.E., F.I.I.P., S.F.Inst.E., F.R.P.S.
Brotherton Professor	Vacant *sine die*
Brotherton Senior Lecturer	ALAN POLLARD, B.Sc., *Leeds*, C.Eng., C.Chem., F.R.S.C., F.I.Chem.E., F.Inst.E., M.Inst.M.C.
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School of Biological Sciences

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Microbiology

Professor of Clinical Microbiology and Head of Department 1985–88

RICHARD W LACEY, M.A., M.D., *Cambridge*, Ph.D., *Bristol*, D.C.H., F.R.C.Path.

Professor of General Microbiology

DOUGLAS H WATSON, B.Sc., Ph.D., *Glasgow*, F.I.Biol.

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Senior Lecturers

E GLYN V EVANS, B.Sc., *Wales*, Ph.D., *Glasgow*, M.I.Biol.
IAN W HALLIBURTON, B.Sc., Ph.D., *Glasgow* (Radiation protection supervisor, Virology)
RICHARD A KILLINGTON, B.Sc., Ph.D., *Birmingham* (Safety supervisor, Virology)
JOHN G SHOESMITH, B.Sc., Ph.D., *Manchester* (Safety supervisor, Old Medical School)

Senior Clinical Lecturers

ADEEB T M GHONEIM, M.B., B.Ch., *Cairo*, Ph.D., *Moscow*, M.R.C.Path.
MILTON H HAMBLING, M.D., *London*, F.R.C.Path., Dip.Bact., D.Obst.R.C.O.G.

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	JEREMY S KNAPP, B.Sc., *Hull*, Ph.D., *Wales*
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	DAVID S TOMPKINS, M.B., Ch.B., *Birmingham*, M.R.C.Path.
Clinical Lecturer	SARAH KNOTT, M.B., Ch.B., *Liverpool*, Ph.D., *Bristol*, M.R.C.Path.
Honorary Lecturer	ANN-MARIE R FEENEY, M.B., B.Ch., B.A.O., B.Sc., *National University of Ireland*
Research Fellows	†WILLIAM A BONASS, M.I.Biol.
	†E ANNE EADY, B.Sc., Ph.D., *Leeds**
	†CHRISTOPHER A HITCHCOCK, B.Sc., *Surrey*, Ph.D., *Wales* (joint post with Biochemistry)
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	†GARY R WHITTAKER, B.Sc., *Leeds*
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Secretary to Professor Lacey	Mrs EILEEN J M ELLIS
Clerical Staff	Mrs NORA M B BROUGH
	Mrs HILARY E HOLDSWORTH*
	Miss JOAN M A JIGINS
	Mrs CHRISTINE J MOORHOUSE*
	Mrs WINIFRED M WEBSTER*
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Principal member of the Diagnostic Laboratory Staff	IAN H DYSON, F.I.M.L.S.

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* indicates part-time staff.

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Media Laboratory — JAMES McMAHON, A.I.M.L.S.
Senior Scientific Officer (Virology) — Miss BARBARA E DUNCAN, B.Sc., *Surrey*, M.Phil., *Leeds*, F.I.M.L.S.
Diagnostic Laboratories — Mrs PAMELA K CURLEY, F.I.M.L.S.

Technical Staff

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KENNETH BARR, F.I.M.L.S., M.Phil., *Leeds*
Mrs VALERIE BARR, H.N.D.
Miss ELIZABETH C A BLACKBURN, B.Sc., *Leeds*
Mrs JANET C BRAYSON, B.Sc., *Edinburgh*, F.I.M.L.S.
ANTHONY G CUTLIFFE, B.Sc., M.Sc., *Leeds*
ANUP DEVLIA, B.Sc., *Leeds*, A.I.M.L.S.
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Miss KATHLEEN A FLANNIGAN, F.I.M.L.S.
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Mrs ELAINE HILL, A.I.M.L.S.
Mrs J GAIL HODGSON, A.I.M.L.S.
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Mrs CHRISTINE LINCOLN, F.I.M.L.S.
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GRANT ROBINSON, A.I.M.L.S.
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JEREMY I ROSS, B.Sc., *Leeds*
Miss GILLIAN SIDWELL
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Mrs SARLA D SMITH, B.Sc., *CNAA*, A.I.M.L.S.
Mrs SUSAN D SMITH, F.I.M.L.S.
Mrs JANE-MARIE STOCKS, H.T.E.C.
ANDREW P WEST, B.Sc., *Sheffield*, F.I.M.L.S.
ANDREW P D WILCOCK, F.I.M.L.S.
JOHN WRIGHT, H.T.E.C.

OBSTETRICS AND GYNAECOLOGY

Obstetrics and Gynaecology: Leeds Maternity Hospital*

Clarendon Wing

Professor and Head of the Department — JAMES S SCOTT, M.D., *Glasgow*, F.R.C.S., F.R.C.S.Ed., F.R.C.O.G.
Senior Lecturer — KARL W HANCOCK, M.B., Ch.B., *Manchester*, F.R.C.O.G.
Senior Clinical Lecturers — MARTIN R GLASS, M.D., *Birmingham*, M.R.C.S., L.R.C.P., F.R.C.O.G.
RONALD R MACDONALD, M.D., *Glasgow*, F.R.C.S.Ed., F.R.C.O.G.
K ROGER PEEL, M.B., Ch.B., *Leeds*, F.R.C.S.Ed., F.R.C.O.G.

* title of department under review

Lecturers	ROBERT E KINGSTON, M.B., Ch.B., *Leeds*, F.R.C.S., M.R.C.O.G. †MICHAEL D MOLONEY, M.B., B.Ch., B.A.O., *University College, Dublin*, M.R.C.O.G. DAVID W PURDIE, M.B., Ch.B., *Glasgow*, M.R.C.O.G.
Part-time Lecturer and Part-time Senior Research Fellow	†PAMELA V TAYLOR, B.Sc., Ph.D., *London* (Departmental Radiation Protection and Safety supervisor)
Clinical Lecturer	PAUL S VINALL, M.B., B.S., *London*, M.R.C.O.G.
Honorary Lecturer in Psycho-Sexual Gynaecology	JOAN R COOMBS, M.B., Ch.B., *Bristol*
Honorary Tutors	FIONA C BRYCE, M.B., Ch.B., *Leeds*, M.R.C.O.G. PETER J O'DONOVAN, M.B., B.Ch., *N.U.I.*, F.R.C.S., M.R.C.O.G.
Honorary Instructor in Practical Midwifery	Miss MADELON F ROBERTS, S.R.N., S.C.M.
Research Fellow	†KHAWAR S ABBAS, D.V.M., M.Sc., *Faisalbad*, Ph.D., *Leeds* (joint post with Animal Physiology and Nutrition) JAMES G THORNTON, M.B., Ch.B., *Leeds*, M.R.C.O.G. (joint post with Pathology)
Experimental Officer	Mrs RITA BULMER, B.Sc., *Leeds*
Departmental Secretary	Miss BRONWEN M JOHNSON
Senior Clerk	Mrs PAULINE M MILSON
Clerk	Miss CLAIRE CRITCHLEY
Technical Staff	Miss ALISON NORMAN, B.Sc., *Leeds* Mrs MARILYN TODD, H.N.D. JOHN E WOOD

Obstetrics and Gynaecology: St James's Hospital

Professor and Head of the Department	RICHARD JAMES LILFORD, M.B., Ch.B., *Witwatersrand*, M.R.C.O.G., M.R.C.P., Ph.D., *London*
Senior Lecturer	DAVID R BROMHAM, B.Sc., Ph.D., M.B., B.S., *London*, M.R.C.S., L.R.C.P., M.R.C.O.G. (Departmental Radiation Protection Supervisor)
Senior Clinical Lecturers	ARCHIBALD C CROMPTON, M.D., *Manchester*, F.R.C.S.Ed., F.R.C.O.G. HAMISH N MacDONALD, M.B., Ch.B., *Glasgow*, Ph.D., *Leeds*, F.R.C.O.G.
Lecturers	Miss MAUREEN E DALTON, M.B., B.S., *London*, M.R.C.S., L.R.C.P., M.R.C.O.G.

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Clinical Lecturers	PETER C BUCHAN, B.Sc., M.D., *Glasgow*, M.R.C.O.G.
	GERALD J JARVIS, M.A., D.M., *Oxford*, F.R.C.S.Ed., M.R.C.O.G.
Programmer	†ALASTAIR D CARTWRIGHT, B.Sc., *CNAA*
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	Mrs BEVERLEY MERRY, H.N.C.

Obstetrics and Gynaecology

Honorary Tutors	SAED ALI, M.B., Ch.B., *Baghdad*, M.R.C.O.G.
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	JOHN C DEPARES, M.D., *Malta*, M.R.C.O.G.
	SIAN JONES, M.B., B.Ch., *Wales*, M.R.C.O.G.
	W KEITH MOORES, F.R.C.S., F.R.C.S.Ed., L.R.C.P., M.R.C.O.G.
	CAROLINE M H THOM, B.Sc., M.B., Ch.B., *Edinburgh*, M.R.C.O.G.

Orthopaedic Surgery

Professor of Orthopaedic Surgery and Head of the Department	ROBERT A DICKSON, M.B., Ch.M., *Edinburgh*, M.A., *Oxford*, F.R.C.S., F.R.C.S.Ed.
Senior Clinical Lecturers	EDWARD B LONGTON, M.B., Ch.B., *Edinburgh*, M.Ch.Orth., *Liverpool*, F.R.C.S.Ed.
	DONAL J McWILLIAMS, M.B., B.Ch., *Belfast*, F.R.C.S.
	MARTIN A NELSON, M.B., B.S., *London*, F.R.C.S.
	BRIAN F REEVES, M.B., M.S., *London*, F.R.C.S.
	FREDERICK W SHEA, M.B., B.S., *Melbourne*, M.Ch.Orth., *Liverpool*, F.R.C.S.Ed.
Lecturer	IAN A ARCHER, M.B., Ch.B., *Edinburgh*, F.R.C.S.
Clinical Lecturers	MICHAEL J ABBERTON, M.B., Ch.B., *Sheffield*, M.Ch.Orth., *Liverpool*, F.R.C.S.
	ROBERT F BROWN, M.B., B.S., *Sydney*, F.R.C.S.Ed.
	JOHN O LAWTON, B.Chir., M.B., M.A., *Cambridge*, F.R.C.S.
Tutors	†JOHN L CRUICKSHANK, B.Sc., M.B., Ch.B., *Leeds*, F.R.C.S., *Edinburgh*

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PAEDIATRICS AND CHILD HEALTH

Paediatrics and Child Health: Leeds General Infirmary

Professor and Head of the Department	RICHARD W SMITHELLS, M.D., *London*, F.R.C.P., F.R.C.P.Ed., D.C.H.
Senior Lecturer	JOHN M H BUCKLER, M.A., D.M., *Oxford*, F.R.C.P., D.C.H.
Senior Clinical Lecturer in Ophthalmic Surgery and Paediatric Ophthalmology	R BRIAN HARCOURT, M.A., M.B., B.Chir., *Cambridge*, F.R.C.S.
Lecturers	JONATHAN R JAMES, M.B., Ch.B., *Manchester*, M.R.C.P.
	NICHOLAS J WILD, M.B., B.Ch., *Wales*, D.C.H., M.R.C.P.
Clinical Lecturers	PETER J CONGDON, M.B., Ch.B., *Leeds*, M.R.C.P., D.C.H.
	ROBERT F MUELLER, M.B., B.S., B.Sc., *London*, M.R.C.P.
	JANE M WYNNE, M.B., Ch.B., *Leeds*, M.R.C.P.
Honorary Lecturers	JOHN M T ALEXANDER, M.B., Ch.B., *Edinburgh*, M.R.C.P., D.C.H.
	PETER CORRY, M.B., Ch.B., B.A.O., *Belfast*, M.R.C.P., D.C.H.
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	KENNETH N WILKINSON, B.Sc., M.B., Ch.B., *Leeds*, M.R.C.P., D.C.H.

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Tutors	†PAUL F GORHAM, M.B., B.S., *London*, D.R.C.O.G., D.C.H., M.R.C.P. †IAIN J SMITH, B.Sc., M.B., Ch.B., *Edinburgh*
Associate Lecturer in Nutritional Biochemistry	†Dr Christopher J Schorah
Part-time Senior Research Fellow	†SHEILA SHEPPARD, M.B., Ch.B., *Leeds*
Research Fellow	RONALD HARTLEY, Ph.D., *Bradford*, G.R.I.C.
Project Officers	†NOZAR HABIBZADEH, B.Pharm., *Wales*, B.Sc., *London*, Ph.D., *Leeds* †Mrs JENNIFER WILD, B.Sc., *Birmingham*
Honorary Instructor in the Nursing Care of the Newborn	Miss GERTRUDE M THOMSON, S.R.N., S.C.M., R.M.N.
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Mrs JOAN LEE*	Mrs EILEEN WOOD*
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Senior Clinical Lecturer	JAMES M LITTLEWOOD, M.D., *Leeds*, F.R.C.P.Ed., D.C.H.
Senior Clinical Lecturers in Infectious Diseases	HERBERT PULLEN, M.B., Ch.B., *Edinburgh*, F.R.C.P., D.T.M.&H. JOHN STEVENSON, M.B., Ch.B., *Glasgow*, F.R.C.P.Ed., F.R.C.P., *Glasgow*
Lecturers	IMTIAZ A CHOONARA, M.B., Ch.B., *Liverpool*, M.R.C.P. †STEPHEN P CONWAY, M.A., *Cambridge*, M.B.B.S., *London*, M.R.C.P. PETER R F DEAR, M.D., *London*, F.R.C.P., D.C.H. †GWYNETH OWEN, M.B., B.Ch., *Wales*, M.R.C.P., D.C.H. †NICHOLAS J SHAW, M.B., Ch.B., *Birmingham*, D.C.H., D.R.C.O.G., D.T.M.O.&H.
Clinical Lecturers	CLIFFORD C BAILEY, M.B., B.S., *London*, F.R.C.P. CHRISTOPHER J HOBBS, B.Sc., M.B., B.S., *London*, M.R.C.P., D.Obst.R.C.O.G. IAN J LEWIS, M.B., Ch.B., *Bristol*, M.R.C.P. SOCRATES H ROUSSOUNIS, M.B., B.S., *London*, M.R.C.P., D.C.H., D.Obst.R.C.O.G.

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Clinical Lecturer in Infectious Diseases

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Honorary Lecturer in Child Psychology

DOROTHY M FIELDING, B.Sc., M.Sc., Ph.D., *Leeds*

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NEIL A BOYLE, M.B., Ch.B., *Edinburgh*, M.R.C.P.
JOHN M DAVIES, M.A., M.B., M.Chir., *Cambridge*, D.C.H., M.R.C.P.
DOUGLAS R N GILLIES, M.B., Ch.B., *Edinburgh*, M.R.C.P.
JANET L P HUNTER, M.B., Ch.B., *Glasgow*, D.C.H., F.R.C.P.
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BRIAN M REYNOLDS, M.B., Ch.B., *Cape Town*, M.R.C.P.
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ANTHONY N STANTON, B.M., B.Ch., *Oxford*, M.R.C.P.
GILLIAN M WILSON, M.R.C.S., M.R.C.P.

Tutors

†DAVID B CUNDALL, B.A., *Cambridge*, M.B., B.S., *Newcastle*, M.R.C.P., D.C.H.
†DAVID HENEY, M.B., Ch.B., *Cape Town*, M.R.C.P., D.C.H.
†RACHEL R PHILLIPS, M.B., Ch.B., M.R.C.P., D.C.H., *Leeds*

Research Fellows

†MOIRA M BRETT, B.Sc., *Reading*, Ph.D., *London*
†GARRY BROWNBRIDGE, B.Sc., *Sheffield*

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	†ALISON ESSEX-CATER, M.B., B.Ch., *Wales*, M.R.C.P.
	JOHN GILBERT, M.B., B.S., *London*, M.R.C.P., M.R.C.S., D.C.H.
Honorary Instructor in Childhood Nutrition	Mrs ANITA MacDONALD, B.Sc., *Leeds*, S.R.D.
Departmental Secretary	Mrs WENDY A PEARSON
Clerk	Mrs DEIRDRE McCLARTY
Technician	JOHN WHEELDON

Paediatrics and Child Health

Senior Clinical Lecturer	W IAN FORSYTHE, M.D., *Belfast*, F.R.C.P.Ed.
Clinical Lecturers in Paediatric Cardiology	DAVID F DICKINSON, M.B., Ch.B., *Manchester*, M.R.C.P., D.C.H.
	NEIL WILSON, M.B., B.S., *London*, M.R.C.P., D.C.H.
Honorary Tutors	DAVID W BEVERLEY, M.A., *Cambridge*, M.B., Ch.B., *Birmingham*, M.R.C.P.
	PETER O G EHRHARDT, M.B., Ch.B., *Manchester*, M.R.C.P.
	JOHN L GIBBS, M.B., B.S., *London*, M.R.C.P., M.R.C.S.
	BRUCE I McLAIN, M.B., B.S., *Nottingham*, M.R.C.P.
	MICHAEL J MAHONEY, M.B., Ch.B., B.A.O., *NUI*, M.R.C.P., D.C.N.
	PAK C NG, M.B., Ch.B., *Dundee*, D.C.H.

Pathology

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Reader in Pathology and Acting Head of Department	C KEITH ANDERSON, M.B., Ch.B., *St Andrews*, F.R.C.Path.
Senior Lecturers	PHILIP N COWEN, B.Sc., *Edinburgh*, Ph.D., *London*, M.B., B.S., *Dunelm*, F.R.C.Path.
	MICHAEL F DIXON, M.D., *Edinburgh*, F.R.C.Path.
Senior Clinical Lecturers	SAMUEL R APARICIO, M.D., *Lisbon*, M.Sc., *Leeds*, M.R.C.Path.
	GRAHAM J HARDY, M.A., M.B., B.Chir., *Cambridge*, M.R.C.Path.
	MICHAEL K MASON, M.D., *London*, M.R.C.S., L.R.C.P., F.R.C.Path.
	BRYON E ROBERTS, M.D., *Leeds*, F.R.C.Path.
	LAYINKA M SWINBURNE, B.Sc., M.B., Ch.B., *Leeds*, F.R.C.P., F.R.C.Path., D.C.H.
Lecturers	CEDRIC R ABBOTT, B.Sc., M.B., Ch.B., *Birmingham*, M.R.C.Path.
	GILLIAN BATCUP, B.Sc., M.B., B.S., *London*, L.R.C.P., M.R.C.S., M.R.C.Path.

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Professor and Head of the Department — GEOFFREY R GILES, M.D., *Manchester*, F.R.C.S.

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Royal College of Radiologists	
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British Association of Otolaryngologists	CHARLES W SMITH, F.R.C.S.
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See page 197, Faculty of Science

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Departmental radiation protection supervisors are identified in departments' staff lists and a list of supervisors may be found in the *Guide to the Administration*.

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Departmental Safety Supervisors

Departmental safety supervisors are identified in departments' staff lists and a list of supervisors may be found in the *Guide to the Administration*.

Yorkshire Universities Air Squadron

R.A.F. Finningley, Doncaster DN9 3LQ

Commanding Officer	Squadron Leader JOHN SMITH, R.A.F.

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Precinct Co-ordinator and Honorary Warden — Vacant

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Mount Preston Street, Leeds LS2 9JP

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Sub-Wardens	Mr DECLAN M BUTLER, B.Sc., *Belfast* Mr DAVID S TOWLSON, B.Sc., *Leeds*
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Senior Clerk	Mrs VICKY E WHITAKER
Wardens' Secretary	Mrs ANNE L OAKLEY

Ellerslie Hall

Lyddon Terrace, Leeds LS2 9LQ

Warden	Ms BARBARA C MAY, M.A., *Oxford*, M.Phil., *Leeds*
Domestic Bursar	Miss PAULINE K COCKERHAM

Lyddon Hall

Virginia Road, Leeds LS2 9JW

Warden	Adrian W G Ballentyne
Sub-Wardens	MARTIN G KEARNEY, B.Sc., *Leeds* ROGER KENT, B.Sc., *Leeds*

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Bodington Hall

Otley Road, Leeds LS16 5PT

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Assistant to the Manager	Miss SUSAN A J DONALD
Senior Clerks	Mrs MARY LAWRENCE Miss GILLIAN M SHINN
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Sub-Warden	MATTHEW O'KEEFE
Sub-Warden (Annexe)	Ms ILONA L DAVIES

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Warden	Dr Malcolm J Walles
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Warden	Dr Robert G Cheetham
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Devonshire Hall

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Church Lane, Adel, Leeds LS16 8DD

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Unipol Student Homes

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UNIVERSITY REGULATIONS

General Regulations

Before registering, all students must sign a declaration that they will observe the Statutes, Ordinances and Regulations of the University; this declaration is incorporated into your registration card.

The Regulations are set out in full in this section of the Handbook. Your attention is especially drawn to the Regulations governing Payment of fees (p 33), Residence (p 33), Attendance and keeping terms (p 35), Progress (p 36) and Examinations (pp 38–9).

Computing

Most, if not all students, will make use of University Computing Service facilities and are required, therefore, to undertake to adhere to the conditions of use of the Service as published from time to time.

SAFETY

If you are required to do laboratory work during your course it is of the utmost importance that you take note of the dangers associated with the work and make sure you fully understand the safety instructions. If in doubt, ask the supervisor or demonstrator.

Students must at all times abide by safety regulations (including those requiring the use of safety equipment and the wearing of protective clothing). They are set out in the University Safety Handbook (5th edition). This is available in all departments and widely distributed in those departments teaching laboratory-based courses. Each such department will have its own safety rules and procedures. A summary of some of the important safety regulations is to be found in Appendix 2 pp 46–48.

This summary is not a substitute for the University Safety Handbook or for departmental safety rules. These should be studied carefully before your first experimental work in a University laboratory.

REGULATIONS OF THE UNIVERSITY
Regulations Concerning Qualifications and Procedure for Admission

1. Students may be admitted to the University
   (a) to read for degrees of the University
   (b) to read for non-graduate qualifications of the University
   (c) to attend courses of tuition not leading to a qualification of the University
   (d) to pursue research not leading to a qualification of the University.

2. The classes and laboratories shall be open to men and women on the same terms.

3. Except in cases specially approved by the Vice-Chancellor, students must have reached the age of seventeen years before being admitted.

Application

4. All applicants for admission shall give a reference of whom inquiry may be made.

5. Applicants who are under the age of nineteen years and who have been in attendance at a school or other educational institution within one year of the date of their application must arrange for the headmaster/headmistress of the school or the head of the institution to provide a statement as to their suitability for admission.

6. Applicants from overseas may be required to produce certificates of identity.

7. Applicants whose native language is not English shall fulfil the following conditions in order to provide evidence that they have a sufficient knowledge of both written and spoken English:

(a) Except with the special permission of the Vice-Chancellor, applicants for admission to a scheme of study leading to a first degree of the University must, before they can be admitted to the University, provide evidence that they have attained at least a pass (grade C) in the Certificate of Proficiency in English of the University of Cambridge.

(b) Upon admission to courses of study in the University all applicants must undergo a test in English as soon as possible and in any case not later than one month after registration. Students who fail to reach a satisfactory standard in this test will be required to pursue appropriate courses, as may be required in each case by the Senate on the recommendation of the Lecturer in English for Overseas Students in consultation with the department providing the scheme of study to be followed. Such courses must be completed to the satisfaction of the Lecturer in English for Overseas Students and may require a year of study additional to the period required for a qualification of the University.

8. Applications for admissions must be made on the appropriate forms.

9. (a) Applicants for admission to first degree courses must apply for admission through the Universities Central Council on Admissions, P.O. Box 28, Cheltenham, Glos. GL50 1HY. The last date for the receipt of applications for admission in October 1988 is 15 October, 1987, in the case of those applicants including Oxford or Cambridge among their preferences, and 15 December, 1987, for those applicants not including Oxford or Cambridge among their preferences.

(b) Applicants for admission to other than first degree courses must apply direct to the University.

(c) Applications received after the above dates may be considered if places are available.

Matriculation

10. Applicants for admission to read for the degree of Bachelor of the University must provide evidence of having satisfied the requirements of the Joint Matriculation Board of the Universities of Manchester, Liverpool, Leeds, Sheffield, and Birmingham. Particulars of the requirements may be obtained from the Secretary, Joint Matriculation Board, Manchester M15 6EU.

11. The University imposes certain additional requirements with respect to admission to read for degrees in certain faculties and departments. These requirements are listed in the appropriate faculty calendar or departmental leaflet, copies of which may be obtained from the Registrar.

Registration

12. Students, and applicants accepted for admission, must comply with such directions as are given to them by their head of department and the Registrar concerning registration. Registration is in two forms:

(a) The October Registration

(i) All students will be required to register at the beginning of the session; the dates for session 1987–88 will be:
Wednesday, 7 October, 1987
Thursday, 8 October, 1987
Friday, 9 October, 1987
Students will be informed individually of the times at which they should attend.

(ii) Before registration all students must sign a declaration that they will observe the Statutes, Ordinances and regulations of the University for the time being in force. Ordinances and regulations governing the award of degrees and diplomas may be revised from time to time. Students who have started a course will either continue it under the old provisions or be given the opportunity of changing to the new provisions. The arrangements in each instance are specified in the appropriate faculty calendar.

(iii) The deans and sub-deans of the faculties and heads of departments and their staffs will be present to advise students on their schemes of study. All students must obtain approval of the courses which they wish to pursue.

(iv) Subject to the provisions of Regulation 13 below, students will then be registered as students of the University provided that they pay the appropriate fees to the office of the Bursar, or offer evidence satisfactory to the Bursar that they are holders of awards which include payment of fees.

(v) Except with the special permission of the Vice-Chancellor, students may not attend any lecture, laboratory or other class until they have received registration certificates which must be presented on request to the head of the department concerned before beginning any course of study.

(b) The June Registration.
Students already in attendance at the University will receive in June cards of provisional registration which, subject to satisfactory academic performance and to the approval of their head of department will enable them to be given the necessary academic authority to proceed to the next stage of their scheme of study at the beginning of the following session. Such students will be required to attend a short registration in October.

Payment of fees

13. (a) Students must pay to the Bursar promptly on demand any amount due to the University. Amounts due include academic fees, residence fees and any other charges levied by the University in accordance with its current regulations and procedures, and demand for payment will be made in accordance with the University's practice at the time. If arrangements have been made whereby periodic payments fall due on agreed dates, payment must be made on those due dates without further notification to the student.

(b) Students will not be registered either as students of the University or for University examinations until they have both (i) paid in full any amounts due in respect of previous sessions and (ii) made acceptable arrangements for the payment of academic fees for the current session. The Registrar shall have the power to suspend the registration of any student who, once registered, fails to pay in accordance with these regulations subsequent amounts due or to maintain agreed payments.

(c) A degree will not be conferred upon any student who is in debt to the University.

General Regulations

1. **Of residence**

(a) All students are required to inform the Undergraduate Office or the Post-graduate Office, as appropriate, in the Registry of their permanent home address and their term-time address. Any change to either of these must be reported to the appropriate office as soon as possible on a 'Change of Address' Form.

(b) Students living in halls of residence, in flats owned or administered by the University and in hostels and board lodgings recognized by the University are required to comply with any relevant regulations for that accommodation.

2. **Of the University Union**

Except in special circumstances to be determined by the Vice-Chancellor, membership of the University Union is obligatory upon all students reading full-time in the University for degrees, diplomas and certificates, and also upon all students receiving tuition in the University for more than six hours a week.

(A) *Student Ordinary Members*

Students reading full-time in the University for degrees, diplomas and certificates shall be Student Ordinary members. Students reading for degrees by part-time study or

attending the University for less than six hours per week, who have paid a fee which does not include the full Student Ordinary membership fee, may become Student Ordinary members of the Union on payment of an additional sum to make up their subscription to the full fee of £67.33 per session. If attendance is for part of a session only the total fee will be made up to £20 for one term and £45 for two terms.

(B) *Ordinary Members*

Members of the University academic and administrative staff and all other employees of the University may be admitted to Ordinary membership of the Union upon payment of an annual fee of £10.

(C) *Life Members*

The following conditions shall apply to all past students applying for life membership:

(a) (i) In the case of applicants who have undertaken degree courses: That the applicant has completed a scheme of study (whether successfully or not) and has ceased to be a registered student.

(ii) In the case of applicants who have undertaken a diploma course: That the applicant has completed his course (whether successfully or not) and has ceased to be a registered student, his acceptance to be subject to the approval of Union Council. That the applicant shall have attended the University for at least one year.

(b) That past students who have paid five or more annual subscriptions shall, on application to the Union, become life members.

(c) That past students who have paid less than five annual subscriptions will be required to pay on application a fee of £10 to become life members.

(d) Life membership granted on or after 1 August, 1957, requires payment of the full Union annual subscription for the time being in force should such a life member later return to the University to read for a degree or, except in special cases to be determined by the Vice-Chancellor, to attend the University for more than six hours a week.

(D) *Associate Members*

Part-time students reading for postgraduate degrees and diplomas of the University (other than those for which a single payment is specified) shall be required to be Associate Members of the Union. Members of other institutions of higher or further education, persons engaged on any course of the University of Leeds who are not required to pay the full fee, and any other person whom Union Council shall in its discretion decide shall be admitted to associate membership, subject to the approval of Union Council, and will be required to pay an annual fee of £10, unless waived by Union Council.

(E) *Annual Members*

Annual members, being previous members of the Union who have been registered students of the University during the previous session and have shown their intention of resuming their University course in the next session will be required to pay a fee of £10 for one session and the period of this membership shall be limited to one session.

(F) *Union Staff Members*

All employees of the Union shall be, ex officio, full members of the Union. Such members shall become life members upon application after five years' service.

(G) *Temporary Members*

(a) The Union Council shall have power to make reciprocal agreements with students' organizations from institutions of further and higher education which will allow admittance of members of such organizations to temporary membership on the production of the life or current membership card, or their equivalents, of the union concerned.

(b) Union Council shall have the power to admit to temporary membership persons who are registered on courses at the University of Leeds who are not members of other student unions.

3. **Of attendance and keeping terms**

Undergraduate Students

Students shall attend punctually at the beginning of each term. Students who do not so attend may be refused permission to keep the term. Where delay in attending is due to illness or other unavoidable cause a communication must be sent to the appropriate person as defined below, who will inform the Registrar. In cases of illness the communication should be accompanied by a medical certificate.

Students are required to be in residence throughout the whole of each term and may not absent themselves without permission from the appropriate person except at weekends, viz. midday on Saturday to 9 a.m. on Monday, and on recognized holidays. Students resident in halls are reminded that they must also comply with additional regulations that are applicable.

Postgraduate Students

Postgraduate students shall attend punctually at the beginning of their period of study. Students who do not so attend may be refused permission to commence their studies. Where delay in attending is due to illness or other unavoidable cause a communication must be sent to the Head or Postgraduate Tutor of the department, who will inform the Registrar. In cases of illness the communication should be accompanied by a medical certificate.

Full-time postgraduate students are required to be in residence throughout the whole of their studies unless special permission has been granted for them to study away from the University under the regulations governing their scheme of study. They may not absent themselves without permission from the appropriate person except at weekends, viz. midday on Saturday to 9 am on Monday, and on recognised holidays.

All Students

Students shall attend regularly, punctually and in an orderly manner the course of lectures, laboratory work, tutorial periods and examinations prescribed in their schemes of study, together with such other lectures, classes or examinations as may be directed. Persistent neglect of work, repeated failure in examinations or unreasonable

delay in presentation for an examination may result in a student being required to withdraw from the University. A student who is absent through illness or other sufficient cause shall send a written explanation at once to the appropriate person. In cases where absence through illness extends for more than one week, the student shall send a medical certificate to the appropriate person.

The appropriate person to whom notification of illness must be sent or by whom permission to be absent for any reason other than illness may be given, who will notify the Registrar, is as defined below in respect of students taking the scheme stated:

B.A. or B.Sc. in one main subject, LL.B. and B.Ch.D.: The head of the appropriate department.

B.A. in two main subjects (first year) in the Faculty of Arts: The Sub-Dean of the Faculties of Arts, Economic and Social Studies and Law.

B.A. in two main subjects (second and subsequent years) in the Faculty of Arts and B.A. Modern Languages: The head of one of the departments concerned.

B.A. in two main subjects (all years) in the Faculty of Economic and Social Studies: The head of one of the departments concerned.

B.Sc. in two main subjects (combined): The Director of Combined Studies in the Faculty of Science.

M.B., Ch.B.: The Dean of the Faculty of Medicine.

B.Ch.D.: The Dean of the School of Dentistry.

All other schemes: The head of the appropriate department.

Absence without permission may result in a student being required to withdraw from the University.

4. Of progress procedure

A clear indication will be given to each student at the outset of his course that unless there are special circumstances affecting his progress he will be expected to fulfil the University's examination requirements within the normal time.

Warnings, not necessarily in writing, may be given to students at any time by heads of departments, deans or sub-deans that failure to improve the standard of their work may lead to their course of study being terminated.

(a) *Students following taught courses*
A student may be required to terminate his course, after consideration of his examination results, without previously having been warned.

(b) *Research students*
A research student shall give evidence of the satisfactory progress of his studies by such means as the head of department may prescribe; failure to give evidence of satisfactory progress may result in a student's candidature for a research degree being terminated.

5. Of sabbaths and holy days

Students who, for religious reasons, are unable to carry out their University work or

examinations on a sabbath or a holy day shall give notice of this fact in writing to the Registrar by not later than 1 November in each session.

It is the responsibility of such students to inform themselves concerning the work which has been done in classes from which they have been absent, and to take appropriate action.

Every effort will be made to avoid arranging examinations on a sabbath or holy day for those students who have informed the Registrar as required above, but the University reserves the right to hold examinations on such days if no alternative time is convenient.

6. **Of addresses**

Students shall inform the Registrar of their addresses. Changes of address must be communicated without delay.

7. **Of interference with the work of the University**

Members of the University who engage in activities that deliberately obstruct any aspect of the work of the University or prevent members or employees from going about their lawful business will thereby render themselves liable to disciplinary action.

8. **Of dismissal**

Students who are dismissed for idleness or misconduct will forfeit all fees and privileges.

9. **Of damage**

Students shall replace or repair at their own expense apparatus or other property of the University which may have been destroyed or damaged by their fault.

10. **Of damage to property in charge of the University Union**

Students who damage property of the University Union may be fined (up to a maximum of £20) and/or suspended from privileges of the Union by the Disciplinary Tribunal. Appeals may be made in the first instance to the Disciplinary Tribunal Appeals Committee and then to the Vice-Chancellor.

11. **Of publication**

Except with the special permission of the head of the department concerned, students shall not exploit for commercial gain or publish the methods and results of research done by them in the University or any matters given in the lectures or other tutorial classes.

12. **Of the use of University laboratories by students**

(a) Unless they have special permission from the head of the department concerned, undergraduate students may not undertake any experimental work in laboratories or workshops except that which is approved in connection with courses for which they are registered, and which is undertaken at times when the laboratories or workshops are supervised; always provided that under-

graduate students who are required to carry out individual project work may be allowed to undertake laboratory or workshop work for this purpose at any time, without continuous supervision, and when laboratories or workshops are normally closed, e.g. in the evenings after 5 p.m., subject to any restrictions imposed by the head of the department concerned having regard to, *inter alia*, the danger of the work involved.

(b) Before a student who has registered for a course of advanced study or research is permitted to work independently, the head of department must ensure that the student has attained a sufficient standard of practical ability. On being satisfied that the necessary standard has been attained, the student shall then be deemed qualified to carry out practical work independently and may be permitted to work in laboratories and workshops without direct supervision subject to any restrictions on the use of the laboratories and workshops imposed by the head of department concerned.

(c) Students who have obtained a first degree in a subject in which experimental work in a laboratory or workshop is an integral part, or who have obtained a qualification acceptable as equivalent to or in lieu of such a degree, may, on the recommendation of the head of the department concerned, with whom shall rest the decision as to their suitability for admission, be permitted to use the laboratories or workshops for independent work during part or the whole of the vacations, at times to be arranged, on payment of the prescribed fee.

13. **Of precautions against ionizing radiation and laser radiation**

No person shall undertake work in the University with ionizing radiation or with material which produces significant amounts of ionizing radiation or with laser radiation except with the approval of the head of the department concerned; and any person who undertakes such work, or who may, for other reasons, be subject to ionizing radiation or laser radiation in the University, must co-operate and participate in the application of any scheme of monitoring or testing which the Radiation Protection Officer may require, and must attend such course of instruction as the head of department may require.

14. **Of safety regulations**

Students must abide by safety regulations, including those for the use of safety equipment or protective clothing.

Regulations Concerning Examinations

1. **Matriculation examinations**

Examinations for matriculation are conducted by the Joint Matriculation Board of the Universities of Manchester, Liverpool, Leeds, Sheffield, and Birmingham. Correspondence should be addressed to the Secretary, The Joint Matriculation Board, Manchester M15 6EU, from whom full particulars may be obtained.

2. **Departmental examinations**

Departmental examinations may be held at times and on conditions determined by the heads of the departments concerned.

All students reading for degrees are required to present themselves for the departmental examinations in their subjects of study. Students who fail in these examinations may be required to repeat their courses of study.

3. **Degree examinations**

The examinations will ordinarily be held in June each year but certain supplementary examinations will also be held in September. The conditions under which candidates may be accepted for supplementary examinations are defined in the ordinances and regulations governing degrees.

Candidates will be required to present themselves for the degree examinations in each subject and at the end of the session in which they have completed the course of study in that subject unless they have obtained the permission of the faculty concerned to defer the examination.

4. **Admission to examinations**

All students are required to apply for admission to degree and departmental examinations and to pay any appropriate fees for re-examination.

Applications for admission to examinations must, in all cases, be made to the Registrar on the appropriate form. Applications for examination in any subject will be accepted only from students who have regularly attended the prescribed courses of study and performed the work of the classes to the satisfaction of the head of department concerned and provided they are received before the last dates of entry for the examination concerned as published in the University almanac.

5. **Blind or partially-sighted candidates**

Special arrangements will be made, on application to the Registrar, for persons registered as blind or partially-sighted who are candidates for University examinations.

The case of each candidate will be considered separately but for working his papers each candidate will be allowed extra time. This will be at least ten minutes in each hour and in mathematics papers at least twenty minutes in each hour.

6. **Conduct of examinations**

Candidates whose applications for admission to degree examination have been accepted will receive an acknowledgement of their entry together with a copy of the regulations and information concerning the publication of the time-table. It is the responsibility of the candidates to ascertain the time and place of each examination they are taking.

Candidates should consult the lists posted on the doors of the examination rooms in order to ascertain the numbers of their places.

Results of examinations will be published as soon as possible after they have been approved by the Senate.

Congregations for conferment of degrees will be held after the end of the third term in each session and also in September and December.

THE REGULATIONS OF THE LIBRARY

1. **General**

(a) Admission to the use of the library is conditional on the observance of its regulations. All registered readers are presumed to know these regulations.

(b) The library shall open during such periods of the year and during such hours as the Council may from time to time prescribe. The hours when the library is open will be displayed at the entrance to each library.

(c) Throughout the regulations the term 'book' means any book, pamphlet, periodical, manuscript, map, microfilm, or other material in the custody of the Librarian.

(d) Any modification of these regulations or any special regulations applying to a particular service or library are displayed in the library concerned, together with a copy of the regulations themselves.

(e) The Librarian has power to suspend the library privileges of any person and shall report any such suspension to the Library Executive Committee.

2. **Admission**

(a) General

(i) Members of the Court, emeritus professors, members of the teaching, research and senior members of the administrative staff (including full-time teaching and research staff, and senior members of the administrative and library staff of affiliated colleges and institutions), graduates, diplomates who have pursued a course of full-time study for not less than three years, and students registered for courses in the University, together with any others who are, or who have privileges as, members of the University, are entitled to the use of the library subject to the regulations.

(ii) Students of affiliated colleges and institutions are entitled to read in the library; borrowing privileges may be granted but only on evidence of special need.

(iii) Other persons may be allowed by the Librarian to read in the library on stating the subject of their studies and on producing a satisfactory recommendation. In special cases at the discretion of the Librarian they may also be allowed to borrow books. In either case, the Librarian shall have the discretion to charge an appropriate fee for such privileges.

(iv) Members of an institution who are accorded the use of the library in virtue of an agreement between the institution and the University shall conform to the regulations of the library subject to such modifications as may be stipulated in the terms of the agreement.

(b) Specific

(i) Members of the Leeds and West Riding Medico-Chirurgical Society and members of the medical and dental staff of the hospitals administered by the Leeds District Health Authorities are entitled to use the medical and dental library.

(ii) Qualified teachers employed in schools within the geographical area of West and North Yorkshire and part-time students registered for named awards of the University School of Education are entitled to borrow books from the education library subject to the regulations below. Other qualified members of the teaching profession are entitled to use the education library for reference purposes; applications to borrow will be considered on an individual basis.

3. **Conduct**

(a) Conversation and any other behaviour likely to disturb or inconvenience other readers should be avoided.

(b) Smoking and the consumption of food and drink, in any part of the library, are forbidden.

(c) No reader shall write in or otherwise damage books belonging to the library. Any damage to, or loss of, books shall be made good to the satisfaction of the Librarian. The Librarian may, in addition, levy a fine on any reader found to have caused damage to any book in accordance with a notice displayed in the Library.

(d) All members of the library staff are empowered to inspect any books in the possession of readers leaving the library.

(e) Except in the Edward Boyle library, bags and briefcases etc. may not be taken into the library.

(f) Bottles of ink may not be brought into the library.

(g) Animals (other than guide dogs) may not be brought into the library.

(h) The reservation of seats is not permitted. Books and other articles left for any length of time on chairs and tables may be removed by the library staff. The University accepts no responsibility for personal belongings left anywhere in the library at any time.

(i) Persons using the library should at all times carry with them a borrower's or reader's ticket or other means of identifying themselves as bona fide users of the library. Such identification may be requested at any time by library staff.

4. **Borrowing**

(a) General

(i) No book shall be removed from the library unless the borrower shall have first had the book issued to him by a member of the library staff at the library counter. The borrower will be held responsible for all books issued to him as long as the issue record for those books remains uncancelled. Books on loan are for the personal use of the borrower only, and shall not be passed on to any person, whether entitled to use

the library or not, save with the special permission of the Librarian. Readers will be responsible for any use made of any borrower's ticket issued to them. If the ticket is lost, they will be held responsible until such time as the library is informed of the loss. A charge will be made to cover the cost of replacing a lost ticket.

(ii) All books may normally be borrowed, with the exception of books in the student reference library, works of reference, and books of special value or rarity, which may not be removed from the library without the authority of the Librarian. The Librarian may, however, vary the loan period or withhold or restrict the circulation of any book in the library.

(iii) Books on loan, except those in the student lending library, may be renewed for a further loan period if they are not required by another reader, but they must be presented at the library for renewal. All books on loan may be reserved. A book on loan may be recalled by the Librarian at any time, and the book must then be returned to the library. Borrowers who fail to return recalled books may be invoiced for the full cost of replacement and their borrowing rights may be limited or withdrawn at the discretion of the Librarian.

(iv) No person shall borrow a book from the library if he has in his possession any book which he has kept beyond the time allowed by the regulations, or if any fine or charge which he has incurred has not been paid.

(v) Theses of the University, with certain exceptions, may be consulted or, save in the case of the medical and dental library, borrowed.

(vi) Books may not be taken abroad without the special permission of the Librarian, nor may they be taken into laboratories where there is a risk of contamination or damage.

(vii) The Librarian may grant special facilities during a limited time to any person entitled to the use of the library.

(b) Specific regulations relating to borrowing by categories of user

(i) Staff of the University

Members of the teaching and research and senior members of the administrative and library staff and others who have the same privileges shall be entitled to have on loan at one time not more than twenty-five books excluding books borrowed from the student lending library.

Books must be returned to the library at the end of each term or without delay if recalled by the Librarian.

(ii) Postgraduate students reading for higher degrees at the University, staff of affiliated colleges and institutions, and, in the case of the medical and dental library, students in the fourth and fifth years of the course and subscribers.

Readers in the above categories shall be entitled to have on loan at one time not more than ten books, excluding books borrowed from the student lending library.

Books must be returned to the library at the end of each term and at the end of the long vacation or without delay if recalled by the Librarian.

Fines are levied for the non-return of items in accordance with notices displayed in the library.

(iii) Others

Except by special permission of the Librarian the number of books which may be held on loan at any one time by borrowers other than those specified in 4(b)(i) and 4(b)(ii) above shall be limited to four books during the term and five books during the vacation excluding books borrowed from the student lending library. Advanced diploma students may borrow up to eight books. Students in the Department of Music may borrow, in addition, up to two music scores.

A book must normally be returned to the library on or before the fourteenth day following that on which it was taken out or without delay if recalled by the Librarian. Books taken out at the beginning of, or during, vacations may be retained not later than the seventh day of the ensuing term.

Fines are levied for the non-return of items in accordance with notices displayed in the library.

(c) Specific regulations relating to borrowing in individual libraries.

(i) Brotherton library

Periodicals are subject to the same borrowing regulations as books with three exceptions. The most recent issue of each may not be borrowed, certain titles in economics, geography, philosophy, politics, social policy, and sociology may be borrowed for one day, and titles in modern history and Yorkshire may be borrowed for three days.

Fines are levied for the non-return of items in accordance with notices displayed in the library.

(ii) Education and science and engineering libraries

With the exception of the most recent issue of each, which may not be borrowed, periodicals published in the last twenty-five years in education and certain other defined subjects may be borrowed for one day while periodicals over twenty-five years old and those in a further limited number of subjects are subject to the same borrowing regulations as books.

Short-loan copies of books in the education library (marked one day loan) may be borrowed at any time during the day. They must be returned before the library closes on the next day on which the library is open.

Fines are levied for the non-return of items in accordance with notices displayed in the library.

(iii) Student lending library

The number of books on loan to any borrower at any one time may not exceed four. All books borrowed will be due for return within one week of the date of borrowing except that — unless they are recalled for use by another reader — books borrowed less than seven days from the end of term will be due for return within seven days of the commencement of the following term. Loans may not be renewed except with the special permission of the Librarian.

Fines are levied for the non-return of items in accordance with notices displayed in the library.

(iv) Clothworkers' library
Current parts of periodicals and reference books may not be removed from the library before 3 p.m. on Monday to Friday. They must be returned by 10 a.m. on the next day on which the library is open. [This rule does not apply to the *Journal of the Society of Dyers and Colourists* and the *Journal of the Textile Institute* which are available for use in the library only, though in the case of the latter title there is a duplicate set available for normal loan.]
The red-reference (first copy) of any thesis may not be removed from the library.
Fines are levied for the non-return of items in accordance with notices displayed in the library.

(v) Medical and dental library
Reference books and volumes on the recent accessions shelves may be borrowed only after 4 p.m. on Monday to Friday and 12.30 p.m. on Saturday. They must be returned before 10.30 a.m. on the next day on which the library is open. With the exception of the most recent issue of each, which may not be borrowed, periodicals published in the last twenty-five years may be borrowed for one day while periodicals over twenty-five years old are subject to the same borrowing regulations as books.
Fines are levied for the non-return of items in accordance with notices displayed in the library.

(vi) Law library
Current parts of periodicals, certain copies (marked with a blue label) of books in exceptional demand and other books in heavy demand may be borrowed subject to return the following day, or may be issued for such other limited periods as the Librarian may deem advisable.
Fines are levied for the non-return of items in accordance with notices displayed in the library.

(d) Annual inspection
All books shall be returned to the library before the end of the third term at a date (of which at least a week's notice will be given) to be announced by the Librarian. The issue of books may be suspended during the inspection but will be resumed not later than one week after the commencement of the inspection.
Fines are levied for the non-return of items in accordance with notices displayed in the library.

(e) Inter-library loans
Books borrowed from other libraries are subject in each case to the conditions imposed by the lending library. If they are for home reading, this fact must be mentioned in the application.

5. **Miscellaneous**

(a) Detailed regulations for photocopying may be consulted in the library.

(b) Detailed requirements for the consultation of books, manuscripts and other materials from the special collections may be consulted in the library.

(c) Detailed regulations relating to the joint hospital/university library in St James's Hospital may be consulted in that library or in the medical and dental library.

(d) The regulations governing the libraries of individual departments are posted in the libraries concerned. Information about these libraries can also be obtained in the Brotherton or Edward Boyle libraries.

(e) The Holden library is the property of the diocese of Ripon. It has been deposited in the Brotherton library and is available to the clergy of the dioceses of Ripon, Wakefield and Bradford and to members of the University. It is kept up to date by regular additions. Regulations governing its use may be obtained on application to the Librarian.

THE UNIVERSITY OF LEEDS

Fees
1987-88

FEES

Fees must be paid to the Bursar promptly upon demand, in accordance with the provisions of the University's Regulations concerning fees set out in the 1987 Undergraduate Handbook. Cheques should be crossed and made payable to 'The University of Leeds'.

Students who, for any reason, cease to attend the University during a session have no claim to a refund of fees.

The University reserves the right to revise fees at any time without notice.

INCLUSIVE ANNUAL ACADEMIC FEE

On payment of the fee a student is entitled to attend the prescribed course of lectures, to take the appropriate examinations and, if successful, to be awarded the appropriate degree or diploma. Details of the inclusive academic fees are shown in table 1 on pages 4–8.

Unless otherwise stated, payment of the inclusive academic fee entitles a student to membership of the University Union.

There are two scales of fees, and the appropriate scale can be found by reference to the detailed regulations on page 2.

Students paying the prescribed fee as shown in table 1 on pages 4–8 will be admitted without further charge to any additional classes at which their attendance has been sanctioned by the Vice-Chancellor and the head of the department concerned.

The fee must be paid sessionally in advance. However, arrangements exist for students paying their own fees to apply to pay by termly instalments.

Charges additional to the fee will be made in respect of late entries for examinations, re-examinations and (for certain courses) use of equipment. Details of these additional charges are given in the appropriate tables.

All registered students of the University are entitled to use the libraries without payment.

OTHER FEES AND CHARGES

Fees for separate lectures and laboratory work.

Under certain circumstances fees will be calculated according to the scale for separate lectures and laboratory work set out in table 2 on page 9.

Fees for research

Persons admitted to carry out research in the University, other than as part of a course leading to a higher degree, will be required to register as research students and to pay the fees set out in table 3 on page 10.

Recapitulatory and other courses in medical, surgical and dental subjects

Details of the fees for these courses are shown in table 4 on page 10.

Re-examination fee

Details of re-examination fees are shown in table 5 on page 11.

Miscellaneous charges

Miscellaneous charges may be incurred in respect of use of equipment, work in the laboratories during vacation, field work and parts of courses spent abroad. Additional charges are payable in respect of late entry for examinations. Details of these charges are given in table 6 on page 12.

FEES FOR RESIDENCE

Fees for residence are set out in table 7 on page 13 and are payable in full at the start of each term.

STAFF FEES

Academic fees will not be charged to full-time members of the staff accepted as part-time candidates for higher degrees.

All members of staff taking advantage of this concession will be required to pay a fee to cover the cost of examination and graduation fees as follows:

Ph.D.
Masterships } £175

Members of staff to whom this concession applies will not be members of the University Union but may join upon payment of a fee of £10.

ASSESSMENT OF FEES UNDER SCALES I OR II

For the purposes of assessment of fees students will be classified in accordance with the provisions of the Education (Fees and Awards) Regulations 1983 (Statutory Instrument 1983, No 973).

Students who have a 'relevant connection' with the United Kingdom and Islands or are classified as 'excepted students' will be charged fees under Scale I; these terms are defined below. Students who do not satisfy these conditions will be charged fees under Scale II.

Requirements

A student must satisfy one of the following requirements to be eligible for fees at the lower home rate under Scale I:

Either

1. Have a relevant connection with the United Kingdom and Islands, ie
   (a) have been ordinarily resident therein throughout the three-year period preceding 1 September, 1 January or 1 April closest to the beginning of the first term of the student's course, *and*
   (b) have not been resident therein during any part of that three-year period wholly or mainly for the purposes of receiving full-time education;

Or

2. Be an excepted student within the meaning of the regulations. These include the following categories:

(a) Residents of the European Community. A person who
(A) is a national of a member state of the European Community,
(B) is the son or daughter of such a national, or
(C) began his course before 1 January 1984,
shall be an excepted student provided that
(i) he has been ordinarily resident in the European Community throughout the three-year period preceding 1 September, 1 January or 1 April closest to the beginning of the first term of his course, and
(ii) has not been resident therein during any part of that three-year period wholly or mainly for the purposes of receiving full-time education;

(b) Refugees. A refugee ordinarily resident in the United Kingdom and Islands who has not ceased to be so ordinarily resident since he was recognized as a refugee or was granted asylum, and the spouse, son or daughter of such a refugee, shall be an excepted student;

(c) Recently arrived immigrants. A person shall be an excepted student if
(i) he is settled in the United Kingdom on 1 September, 1 January or 1 April closest to the beginning of the first term of his course, and
(ii) has neither had the right of abode in the United Kingdom nor was settled therein at, or at a time before, the beginning of the three-year period preceding the relevant date;

(d) Persons temporarily resident abroad. A person shall be an excepted student if
(i) he has not been ordinarily resident throughout the three-year period preceding 1 September, 1 January or 1 April closest to the beginning of the first term of his course in the United Kingdom and Islands, or
(ii) being a national of a member state of the European Community, or the son or daughter of such a national, he has not been so ordinarily resident in the European Community only because he, his spouse or his parents were temporarily employed outside the United Kingdom and Islands or, as the case may be, outside the European Community;

(e) Exchange students. A person shall be an excepted student who is admitted to his course in pursuance of arrangements with an institution outside the United Kingdom for the exchange of students on a fully reciprocal basis.

TABLE 1: INCLUSIVE ANNUAL ACADEMIC FEES

	Scale of Fees	
	HOME STUDENTS I	OVERSEAS STUDENTS II
Undergraduate Degree Schemes		
FACULTIES OF ARTS, ECONOMIC AND SOCIAL STUDIES, LAW AND EDUCATION	£	£
All schemes of study except the following	556	3690
B.A. schemes		
Geography		
Geography/History		
Geography/Management Studies		
Geography/Mathematics		
Geography/Philosophy		
Geography/Politics	556	4265
Geography/Russian		
Geography/Sociology		
Geography/Spanish		
Psychology/Sociology		
FACULTIES OF SCIENCE AND ENGINEERING		
All schemes of study except the following		
B.Sc. schemes	556	4840
Accounting/Data Processing		
Chemistry/History of Science/Philosophy		
Chemistry/Management Studies		
Chemistry/Mathematics		
Computational Science/Economics		
Computational Science/Management Studies		
Computational Science/Mathematics		
Computational Science/Music		
Computational Science/Statistics		
Computer Science/Philosophy	556	4265
Fuel and Energy/Management Studies		
Geography		
Geography/Mathematics		
Management Studies/Operational Research		
Mathematics/Physics		
Operational Research/Statistics		
Operational Research with Computing		
Physics/History of Science/Philosophy		

	Scale of Fees	
	HOME STUDENTS	OVERSEAS STUDENTS
	I	II
	£	£
FACULTY OF MEDICINE*		
All schemes of study except the following	556	4840
M.B., Ch.B., years 3, 4 and 5 B.Ch.D. years 2, 3, 4 and 5	556	8960
Postgraduate Degree Schemes†		
Full-time		
FACULTIES OF ARTS, ECONOMIC AND SOCIAL STUDIES, LAW AND EDUCATION		
All schemes of study except the following	1730	3690
M.Phil. Geography, Ph.D. Geography ‡ *M.B.A. Management Studies*	1730	4265
FACULTIES OF SCIENCE AND ENGINEERING		
All schemes of study except the following	†1730	4840
M.Phil. Mathematics, Ph.D. Mathematics *M.Phil. Economics*, *Ph.D. Economics* within the Institute for Transport Studies *M.Sc. Pure Mathematics* *M.Sc. Statistics*	1730	3690
M.Phil. Psychology, Ph.D. Psychology *M.Sc. Transport Planning and Engineering* *M.Phil. Civil Engineering*, *Ph.D. Civil Engineering* within the Institute for Transport Studies	1730	4265
FACULTY OF MEDICINE		
All schemes of study except the following	1730	4840
Master Medical Science	1730	8960
Master Dental Science	1730	8960
M.Phil. and Ph.D. in clinical subjects	1730	8960
Master of Public Health Scheme B	7500	7500

* When the fifth session of the dental degree course is shorter than three terms the fee payable will be £186 a term for Home Students and £2987 for Overseas Students.

† Candidates for research degrees who have completed their minimum period of study but who are still receiving some supervision are required to register each year as part-time students and may be permitted, subject to the discretion of the head of the department concerned, to pay a reduced fee of £50 per year or part of a year.

‡ An additional charge of £3000 is payable to cover cost of supervising a project to be carried out in the student's home country.

	Scale of Fees ALL STUDENTS £
Postgraduate Degree Schemes*	
Part-time	
Graduates of the University (with supervision)	
FACULTIES OF ARTS, ECONOMIC AND SOCIAL STUDIES, LAW AND EDUCATION	
All schemes of study	
First year of study	325
Seçond and subsequent years	295
FACULTIES OF SCIENCE AND ENGINEERING	
All schemes of study	
First year of study	325
Second and subsequent years	295
FACULTY OF MEDICINE	
All schemes of study	
First year of study	325
Second and subsequent years	295
†Graduates of the University (without supervision)	
M.Phil. schemes only (single payment)	250
Other graduates (with supervision)	
FACULTIES OF ARTS, ECONOMIC AND SOCIAL STUDIES, LAW AND EDUCATION	
All schemes of study except the following	325
Master of Laws	
First year of study	325
Second and subsequent years	295
FACULTIES OF SCIENCE AND ENGINEERING	
All schemes of study	325
FACULTY OF MEDICINE	
All schemes of study except the following	325
M.Med.Sci. Clinical Psychiatry	1095

* Candidates for research degrees who have completed their minimum period of study but who are still receiving some supervision are required to register each year as part-time students and may be permitted, subject to the discretion of the head of the department concerned, to pay a reduced fee of £50 per year or part of a year.

† This fee does not entitle the student to membership of the University Union.

	Scale of Fees	
	HOME STUDENTS I £	OVERSEAS STUDENTS II £
Higher Doctorates*		
Available only to Leeds graduates and/or members of the academic staff of the University		
Doctor of Letters, Doctor of Divinity Doctor of Music, Doctor of Laws, Doctor of Science, Doctor of Engineering	350	350
Higher Degrees in the Faculty of Medicine*		
Available only under special conditions (see the relevant Ordinance and Regulations)		
Master of Surgery, Doctor of Medicine, Doctor of Dental Science (single payment)	350	350
Diplomas and Certificates		
FACULTIES OF ARTS, ECONOMIC AND SOCIAL STUDIES AND LAW		
Postgraduate Diplomas (Full-time)		
All schemes of study	1730	3690
FACULTY OF EDUCATION		
All Diplomas (Full-time)	556	3690
Except Educational Administration, Educational Studies English Language Teaching	3788	3788
All Diplomas (Part-time)	150	150
Graduate Certificate in Education	556	3690
FACULTIES OF SCIENCE AND ENGINEERING		
Postgraduate Diplomas		
All full-time schemes of study	1730	4840
All part-time schemes of study	325	325
FACULTY OF MEDICINE		
Certificate in Health Visiting	2300	2300

* This fee does not entitle the student to membership of the University Union.

APPENDIX VI(a)

THE UNIVERSITY OF LEEDS
FEES FOR VALIDATED SCHEMES OF STUDY
1987/88

	£
Schemes of Study	
Master of Arts (Collegiate)	
Overall Fee, payable on Initial Enrolment	205
Bachelor of Education, Bachelor of Arts (Collegiate), Bachelor of Science (Collegiate) and Diploma of Higher Education	
Overall Fee, payable on Initial Enrolment	280
Bachelor of Education for Serving Teachers	
One-year Full-time	
Overall Fee, payable on Initial Enrolment	180
Two-year Part-time	
Initial Enrolment fee 108 / Fee payable at start of Year 2 72	180
Certificate in Education and Graduate Certificate	
Overall Fee, payable on Initial Enrolment	125
Diploma (except Dip H E)	
Overall Fee, payable on Initial Enrolment	160
Re-examination Fees	
Master of Arts (Collegiate)	
Component sections	30
Maximum Fee per re-examination	60
Bachelor of Education	60
Teaching Practice component only	24
Bachelor of Arts (Collegiate), Bachelor of Science (Collegiate)	60
Certificate in Education, Graduate Certificate, other Certificates and Diploma schemes	
Component sections	24
Maximum Fee per re-examination	60
Special Qualifying Examination for Serving Teachers wishing to enter B.Ed. schemes	
Fee for complete examination (two papers)	30
Fee for partial exemption (one paper)	21
Fee for exemption from both papers	12

TABLE 2: FEES FOR SEPARATE LECTURES, LABORATORY OR PRACTICAL WORK

	HOME STUDENTS	OVERSEAS STUDENTS		
		Arts	Science	Clin./Med.
	£	£	£	£
The first lecture hour per week per subject:				
One term	35	195	281	490
Two terms	53	293	423	735
Three terms	70	390	562	980
Each subsequent lecture hour per week:				
One term	18	98	141	245
Two terms	26	147	211	367
Three terms	35	195	282	490
Each laboratory hour per week:				
One term	18	98	141	245
Two terms	27	147	211	367
Three terms	36	195	282	490
Maximum charge per term (inclusive of union fee)	186	1230	1613	2987
Students reading for the degree of Doctor of Philosophy who wish to attend lectures or carry out laboratory work not expressly recommended by the heads of their departments will be required to pay fees calculated at the rate of two-thirds of the above scale.				
Students attending for six hours per week or over are required to become members of the University Union for which an additional fee of £25 per term or part is payable.				
Approved laboratory work in vacations per month:				
One day per week	26	69	90	164
Two days per week	52	138	180	328
Three days per week	78	217	270	492
Four or more days per week	104	273	360	656

TABLE 3: FEES FOR RESEARCH (not leading to a higher degree)

	HOME STUDENTS	OVERSEAS STUDENTS		
		Arts	Science	Clin./Med.
	£	£	£	£
One month	*233	535	747	1373
One term	*576	1230	1616	2990
Three terms	*1730	3690	4840	8960
Persons engaged on private industrial research per month	†155	276	382	689

Fees for research include University lectures or laboratory work recommended by the head of the student's department. For other lectures or laboratory work fees calculated at the rate of two-thirds of the scale in table 2 will be charged.

TABLE 4: FEES FOR RECAPITULATORY AND OTHER COURSES IN MEDICAL, SURGICAL AND DENTAL SUBJECTS

	HOME STUDENTS £	OVERSEAS STUDENTS £
RECAPITULATORY COURSES‡		
For the degrees of Bachelor of Medicine and Bachelor of Surgery		
All subjects, three months	36	291
Clinical fee per six months' extension period (or less)	145	1261
USE OF DISSECTING ROOM (external students)		
One month	47	387
Three months	114	960

* The fee for this course does not include the University Union fee.
† Plus additional charge for any special expenditure by the University.
‡ Students' Union fee will be charged.

TABLE 5: RE-EXAMINATION FEES

The maximum re-examination fee payable on any one occasion is £100.

	£	
Bachelor of Arts or Laws		
First- and second-year courses	25	per subject
Final—whole examination or part thereof	50	
Bachelor of Science		
First- or second-year courses	25	per subject
Final or principal courses	50	„ „
Bachelor of Medicine and Bachelor of Surgery		
Second-year examinations	25	per subject
Third-year examinations	25	„ „
Fourth-year examinations	25	„ „
Final-year examinations	50	„ „
Bachelor of Dental Surgery		
First, second and third examinations	25	per subject
Final examination	100	single fee
Postgraduate diplomas	50	per subject
Certificate in health visiting Part I	25	per paper
Part II	50	single fee
Graduate certificate in education	25	„ „
Higher degrees taken by advanced course and examination	100	single fee
Re-submission for higher degress taken by research	100	single fee
Diploma in Health Education	50	„ „

TABLE 6: MISCELLANEOUS CHARGES

	£
1. For locker rent, per session:	
(a) Medical students are required to have a personal clothes locker throughout the course, for which a fee is charged at the beginning of the course.	10
(b) In faculties other than the Faculty of Medicine, no locker fee is required but students must provide their own padlock and key for their locker.	
(c) On the lower ground floor of University House, a deposit of £2, in addition to the rent of £2, is required at the beginning of each session. The deposit is refunded at the end of the session subject to the key being returned within one week and the locker being left in good condition.	
2. By students in certain departments in respect of travelling and residential expenses in connection with field-work and by students in certain departments of modern languages for parts of courses spent abroad and practical classes in the Department of Music.	
3. For examination entries after the last dates for receipt shown in the University *Calendar*.	25
For examination entries submitted more than six weeks after the closing dates (accepted only in special circumstances).	50
4. Deposit by all clinical students reading for the degrees of M.B., Ch.B., for white coats.	10

TABLE 7: FEES FOR RESIDENCE

	Single rooms £	*Shared and small single rooms* £
Bodington Hall exclusive of lunches Monday to Friday and Sunday evening meals	1101	1040
Charles Morris Hall full board	1258	1219
Devonshire Hall full board exclusive of lunches and evening meals on Saturday and Sunday	1258 1038	1219–1258 1038–1049
Ellerslie Hall exclusive of lunches and evening meals on Saturday and Sunday	1150	1092
Lyddon Hall full board	1258	1219
Oxley Hall exclusive of lunches Monday to Friday and evening meals at weekends	1079	1002–1030
Sadler Hall exclusive of lunches Monday to Friday and evening meals at weekends	1079	1030
Tetley Hall exclusive of lunches Monday to Friday and evening meals at weekends	1079	1040
Weetwood Hall (Postgraduate residence) exclusive of lunches Monday to Friday	£72 per week	

A deposit is required at the beginning of every session from each hall member. Details of the deposit and the terms under which it is taken is included in the individual hall's prospectus which is issued to students when they are offered a place in a hall of residence.

UNIVERSITY FLATS

Charges vary according to the accommodation offered. The cost of energy used in heating, cooking, lighting, etc., is not included in the charges quoted.

The rent for flats will not be changed before July 1987. The charges made to residents in flats for energy supplies will rise in line with the increase in costs to the University for these items.

Single rooms	£410–777 per session
Double rooms	£394–626 per session

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THE UNIVERSITY OF LEEDS

Faculties of Arts and Economic & Social Studies 1987–88

The information contained here is correct as at June 1987. The University reserves the right to make changes without prior notice.

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ORDINANCE II. DEGREES IN ARTS

1. The degrees in Arts shall be:

Bachelor of Arts (B.A.)
Master of Arts (M.A.)
Master of Arts (Collegiate) (M.A.(Collegiate))
Master of Business Administration (M.B.A.)
Master of Music (M.Mus.)
Master of Philosophy (M.Phil.)
Doctor of Philosophy (Ph.D.)
Doctor of Divinity (D.D)
Doctor of Music (D.Mus.)
Doctor of Letters (Litt.D.)

THE DEGREE OF BACHELOR OF ARTS

2. The degree of Bachelor of Arts shall be conferred, on payment of the proper fee, upon all candidates who have fulfilled the requirements as to study and examinations; the degree shall be awarded with honours to those candidates who attain a sufficiently high standard in the examination.

3. A candidate may proceed to the degree of Bachelor of Arts by following an approved scheme of study for not less than three academic years, and by passing his prescribed examinations. [Approved schemes of study are listed on pp. 21–23.]

4. All candidates for the degree of Bachelor of Arts shall be required to have passed the examination for matriculation or to have obtained a certificate of exemption therefrom before entering upon an approved scheme of study.

5. A candidate may transfer from any one scheme of study leading to the degree of Bachelor of Arts to another scheme, subject to the approval of the Board of the Faculties.*

6. Except with the permission of the Board of the Faculties, candidates for the degree of Bachelor of Arts must complete the requirements of the first year of the scheme of study before proceeding to further study.

7. Except with the special permission of the Senate:

(a) Every candidate for the degree of Bachelor of Arts shall be required to present himself for the final examination in accordance with the regulations prescribing his scheme of study at the end of the second, third or fourth academic year from the time when he has entered upon one of the schemes of study approved for the degree.

(b) A candidate failing in the final examination for the degree of Bachelor of Arts will not be allowed to present himself for re-examination on more than one occasion.

(c) A candidate who does not pass the final examination at his first attempt will not be eligible for the award of the degree with honours.

(d) No candidate will be allowed to present himself for re-examination for the degree of Bachelor of Arts later than the end of the fifth academic year after his entry upon the approved scheme of study.

* Such transfer may necessitate the extension of the candidate's scheme of study by one year.

8. (a) Candidates who have passed the final examination for the degree of Bachelor of Arts may be awarded:

(i) the degree of Bachelor of Arts with first class honours,
or (ii) the degree of Bachelor of Arts with second class honours, first division,
or (iii) the degree of Bachelor of Arts with second class honours, second division,
or (iv) the degree of Bachelor of Arts with third class honours,
or (v) the degree of Bachelor of Arts.

(b) The names of successful candidates in each group shall be arranged in alphabetical order.

(c) The names of candidates who have passed the examination for the degree of Bachelor of Arts shall be published in such a form as to identify the scheme of study in which each has passed.

9. A candidate who has been awarded the degree of Bachelor of Arts on successful completion of one scheme of study may not present himself a second time for the examination on that same scheme of study.

10. A candidate who has passed the final examination for the degree of Bachelor of Arts in one scheme of study may, subject to the approval of the Senate given on the recommendation of the Board of the Faculties, present himself for the examination for the degree of Bachelor of Arts in any other scheme of study, after the expiration of not less than one further year, if during this period he has attended approved courses of study.

THE DEGREE OF MASTER OF ARTS OR MASTER OF ARTS (COLLEGIATE)

11. The degree of Master of Arts may be conferred, on payment of the proper fee,
(a) upon graduates of the University of Leeds or of any other approved university or institution, or
(b) in approved cases upon persons who are not graduates who have
either (i) satisfactorily completed an approved full-time or part-time scheme of advanced study in the University and passed the prescribed examination;
or (ii) undertaken research in the University on a subject and under supervision approved by the Board of the Faculties and presented a thesis satisfactory to the Senate,
subject to the fulfilment of the conditions laid down in the following articles and the regulations governing the award of the degree, and provided that all such persons have qualifications which are acceptable to the Senate as an appropriate preparation for the particular advanced study scheme or research envisaged.

12. The degree of Master of Arts (Collegiate) may be conferred, on payment of the proper fee,

(a) upon graduates of the University of Leeds or of any other approved university or institution, or

(b) in approved cases upon persons who are not graduates who have satisfactorily completed an approved full-time or part-time scheme of advanced study in a college or institution affiliated to the University under the provisions of Article 8(b) of Ordinance I, and passed the prescribed examination, subject to the fulfilment of the

conditions laid down in the following articles and the regulations governing the award of the degree, and provided that all such persons have qualifications which are acceptable to the Senate as an appropriate preparation for the particular advanced study scheme envisaged.

13. Schemes of advanced study leading to the degree of Master of Arts or Master of Arts (Collegiate) may vary in length from subject to subject but in no case shall the period of full-time study be less than one academic year, or of part-time study be less than two academic years. Candidates for the degree of Master of Arts by supervised research will be required to undertake their research over *either* one calendar year of full-time study *or* two calendar years of part-time study, under arrangements for their attendance at the University which have been approved in each case by the Board of the Faculties.

14. Candidates who have graduated with first- or second-class honours, or who hold qualifications which are deemed by the Senate to be equivalent to first- or second-class honours degrees, or who have gained a postgraduate diploma at a sufficiently high standard in a subject regarded as an adequate preparation, will be eligible to proceed to the degree after the minimum period of study or period of research prescribed in article 13 above.

15. Persons who are unable to satisfy the requirements of article 14 above but who have qualifications and experience of special relevance to the scheme of advanced study envisaged may be accepted as candidates for the degree by advanced study on the recommendation of the Board of the Faculties and will normally be required to undertake an approved scheme of advanced study for such period in excess of the prescribed minimum as may be determined in each case.

16. In exceptional circumstances, persons who do not qualify under article 14 above may be accepted as candidates for the degree by supervised research if they satisfy the Senate that their educational attainments and experience qualify them to undertake an approved course of supervised research at the appropriate level. Such candidates must normally reach a satisfactory standard in a special preliminary examination.

[See also the regulations on pages 8–9 and prescribed schemes of advanced study on pages 250–283.]

THE DEGREE OF MASTER OF BUSINESS ADMINISTRATION

17. The degree of Master of Business Administration may be conferred, on payment of the proper fee,

(a) upon graduates of the University of Leeds or of any other approved university or institution, or

(b) in approved cases upon persons who are not graduates,

who have satisfactorily completed an approved full-time or part-time scheme of advanced study in the University and passed the prescribed examination; subject to the fulfilment of the conditions laid down in the following articles and the regulations governing the award of the degree, and provided that all such persons have qualifications which are acceptable to the Senate as an appropriate preparation for the particular advanced study scheme envisaged.

18. Schemes of advanced study leading to the degree of Master of Business Administration shall normally extend over not less than one calendar year of full-time study, or two calendar years of part-time study.

19. Candidates who have graduated with first- or second-class honours, or who hold qualifications which are deemed by the Senate to be equivalent to first- or second-class honours degrees, or who have gained a postgraduate diploma at a sufficiently high standard in a subject regarded as an adequate preparation, will be eligible to proceed to the degree after the minimum period of full-time study prescribed in article 18 above.

20. Persons who are unable to satisfy the requirements of article 19 above but who have qualifications and experience of special relevance to the scheme of advanced study envisaged may be accepted as candidates for the degree by advanced study on the recommendation of the Board of the Faculties and will normally be required to undertake an approved scheme of advanced study for such period in excess of the prescribed minimum as may be determined in each case.

[See also the regulations on page 10 and prescribed schemes of advanced study on page 284.]

THE DEGREE OF MASTER OF MUSIC

21. The degree of Master of Music may be conferred, on payment of the proper fee,

(a) upon graduates of the University of Leeds or of any other approved university or institution, or

(b) in approved cases upon persons who are not graduates,

who have satisfactorily completed an approved full-time or part-time scheme of advanced study in the University and passed the prescribed examination; subject to the fulfilment of the conditions laid down in the following articles and the regulations governing the award of the degree, and provided that all such persons have qualifications which are acceptable to the Senate as an appropriate preparation for the particular advanced study scheme envisaged.

22. Schemes of advanced study leading to the degree of Master of Music shall normally extend over not less than one calendar year of full-time study.

23. Candidates who have graduated with first- or second-class honours, or who hold qualifications which are deemed by the Senate to be equivalent to first- or second-class honours degrees, or who have gained a postgraduate diploma at a sufficiently high standard in a subject regarded as an adequate preparation, will be eligible to proceed to the degree after the minimum period of full-time study of one calendar year.

24. Persons who are unable to satisfy the requirements of article 23 above but who have qualifications and experience of special relevance to the scheme of advanced study envisaged may be accepted as candidates for the degree by advanced study on the recommendation of the Board of the Faculties and will normally be required to undertake an approved scheme of advanced study for such period in excess of the prescribed minimum as may be determined in each case.

[See also the regulations on pages 10–11 and prescribed schemes of advanced study on page 285.]

THE DEGREE OF MASTER OF PHILOSOPHY

The degree of Master of Philosophy is governed by Ordinance X, articles 2 to 13, and relevant regulations which are set out on pages 14–16 and 18–19.

THE DEGREE OF DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is governed by Ordinance X, articles 14 to 21, and relevant regulations which are set out on pages 16–17 and 19–20.

THE DEGREE OF DOCTOR OF LETTERS

25. The degree of Doctor of Letters shall be conferred by the University, on payment of the proper fee, upon:

(a) graduates of the University of not less than six years' standing
or
(b) members of the academic staff of the University who have served for a continuous period of not less than five years and who are graduates of other universities of not less than six years' standing

who shall be deemed by the Senate, after considering a report from the Board of the Faculties, to have distinguished themselves by their original contributions to scholarship.

26. If the application be approved by the Senate, the degree may be conferred at the first convenient date thereafter.

[See also the regulations on page 11.]

THE DEGREE OF DOCTOR OF DIVINITY

27. The degree of Doctor of Divinity shall be conferred by the University, on payment of the proper fee, upon:

(a) graduates of the University of not less than six years' standing
or
(b) members of the academic staff of the University who have served for a continuous period of not less than five years and who are graduates of other universities of not less than six years' standing

who shall be deemed by the Senate, after considering a report from the Board of the Faculties, to have distinguished themselves by their original contributions to scholarship.

28. If the application be approved by the Senate the degree may be conferred at the first convenient date thereafter.

[See also the regulations on pages 11–12.]

THE DEGREE OF DOCTOR OF MUSIC

29. The degree of Doctor of Music shall be conferred by the University, on payment of the proper fee, upon:

(a) graduates of the University of not less than six years' standing
or
(b) members of the academic staff of the University who have served for a continuous period of not less than five years and who are graduates of other universities of not less than six years' standing

who shall be deemed by the Senate, after considering a report from the Board of the Faculties, to have distinguished themselves by their contribution to music in composition or scholarship. In support of their application for the degree candidates must submit either two or three compositions or a fully documented thesis or published work embodying a substantial piece of research or original contributions to scholarship.

[See also the regulations on page 12.]

DIPLOMAS

30. Diplomas are governed by Ordinance XVIII (*Calendar*, Part I).

[See also the regulations on pages 12–13.]

Regulations

THE DEGREE OF BACHELOR OF ARTS

1. All intending candidates for the degree of Bachelor of Arts must comply with any special requirements laid down in relation to the courses they propose to follow; for some of these a previous knowledge of certain subjects is required.

2. Candidates for the degree of Bachelor of Arts must present themselves for any departmental examinations arranged in connection with the course prescribed for their scheme of study.

3. Candidates will not be permitted to present themselves for examination in any subject unless they have regularly attended the prescribed course of study in that subject and performed the work of the class to the satisfaction of the head of the department providing the course of study.

4. Candidates for the degree of Bachelor of Arts will be admitted to the first year of a prescribed scheme of study by the Sub-Dean of the Faculties of Arts, Economic and Social Studies and Law, in consultation with the heads of departments concerned, or by heads of departments, as appropriate. (See prescribed schemes of study on pages 21–23.)

5. A candidate's choice between the various options offered within the prescribed scheme of study to which he has been admitted will be subject to the approval of either the Sub-Dean of the Faculties of Arts, Economic and Social Studies and Law, in consultation with the heads of departments concerned, or of the heads of departments, as appropriate.

6. Degree examinations will ordinarily be held in June of each year. Supplementary examinations on first-year courses will also be held in September, but, except with the special permission of the Senate, a candidate will not be admitted to the September examination on any such course unless:

(a) he has presented himself for the corresponding examination in the preceding June
(b) he has attained an appropriate standard in the June examinations as a whole.

The last date for entry for the June examinations will be a date towards the end of January each year as prescribed by the Registrar. [See also the general regulations for examinations in the *Undergraduate Handbook*.]

7. Where a candidate, who has failed to complete the requirements for the first year of his scheme of study, is given permission to proceed to the second year under the provisions of article 6 of Ordinance II (see page 1), he must re-present himself for and pass the first-year examinations in any subject:

(a) in June, if it is a subject in which he has failed in the previous session, or

(b) in June or September, if the subject is not one of those in which he was examined in the previous session, provided that a candidate will not be allowed to take the September examination unless he has attained an appropriate standard in the June examination in that subject.

8. Except with the special permission of the Senate, no candidate will be allowed to present himself for the final examination for the degree unless he has passed the required examinations on first-year courses not later than the preceding September.

THE DEGREE OF MASTER OF ARTS* OR MASTER OF ARTS (COLLEGIATE)

9. Candidates accepted for the degree of Master of Arts shall be required to be registered as full-time or part-time students of the University and

either

(a) (i) to attend to the satisfaction of their head of department such courses of instruction in the University as the Senate, on the recommendation of the Board of the Faculties, may require, and

(ii) if accepted under the provisions of article 15, to give evidence by examination or otherwise, to their head of department not later than the end of the third term of their period of study that their progress has been satisfactory,

or

(b) (i) to undertake approved research leading to the presentation of a thesis, as prescribed by the Board of the Faculties and to the satisfaction of their head of department, under the supervision of a member or members of the academic staff in one of the following:

[the list of departments in which a candidate may study for the degree of Master of Arts by research may be obtained from the Registrar]

and

(ii) to give evidence of satisfactory progress by such means as may be prescribed by their head of department.

10. Candidates for the degree of Master of Arts (Collegiate) shall be required to be registered as full-time or part-time students of their affiliated college and:

(i) to attend to the satisfaction of the Principal of that college such courses of instruction in the college as the Senate, on the recommendation of the Board of the Faculties, may require, and

(ii) if accepted under the provisions of article 15, to give evidence by examination or otherwise, to the Principal of their college, not later than the end of the third term of their period of study that their progress has been satisfactory.

11. Applicants for acceptance for the degree of Master of Arts under article 16 must present themselves for interview by the appropriate committee before taking the special preliminary examination: both the interview and preliminary examination may include questions outside the immediate subject of research which the candidate wishes to investigate.

12. A full-time candidate must devote his whole time during his course to his advanced study or research.

* In the Faculty of Law, the M.A. (Legal Studies) is by research only.

13. Schemes of advanced study for the degree of Master of Arts or Master of Arts (Collegiate) will normally start in October each year, at the beginning of the academic session.

14. The examination for the degree by advanced study may include, in addition to any written papers, assessment of a dissertation* on a minor research project and, at the discretion of the examiners, an oral examination.

15. A candidate for the degree by research must not submit as his thesis or part of his thesis work for which another degree or similar qualification has been awarded, or which is under consideration for such an award.

16. Not less than three months before the submission of his thesis, a candidate for the degree by research must make application to the Registrar to be examined. The last date for the submission of the thesis shall normally be at the end of the prescribed period of research: in exceptional circumstances this may be extended by not more than three months by prior permission of the Board of the Faculties. The candidate must submit two copies of the thesis containing a short abstract which should be bound at the front of the thesis. Theses must be bound in the standard form, particulars of which may be obtained from the Registrar. The top copy or a photocopy of the thesis approved for the degree will be retained in the University library; a carbon copy will not be acceptable for this purpose. The language of the thesis shall normally be English although, if the particular subject so demands, the Board of the Faculties may be prepared to give its prior permission for a thesis to be submitted in a language other than English.

17. To qualify for the award of the degree of Master of Arts by research, the candidate must:

(a) present a thesis on the subject of his research and satisfy his examiners that it is of sufficient merit and that it contains material at a level suitable for publication;

(b) present himself for oral examination (a requirement which may be waived at the discretion of the examiners) and satisfy his examiners therein and/or in such other tests as his examiners may prescribe.

18. The names of candidates who have satisfied the examiners shall be published in alphabetical order. The degree may be awarded with distinction for work of exceptional merit.

19. A candidate who has failed to reach a satisfactory standard in the examination for the degree of Master of Arts or Master of Arts (Collegiate) may be permitted, on the special recommendation of the examiners, to present himself for re-examination on one occasion only.

20. Except with the special permission of the Board of the Faculties every candidate for the degree of Master of Arts or Master of Arts (Collegiate) by advanced study shall be required to have completed all examination requirements, including any re-examinations that have been required by the examiners, by not later than 12 months after the expiry of the prescribed period of study.

[See also the appropriate section of Ordinance II on pages 2–3 and the prescribed schemes of advanced study on pages 250–283.]

* Candidates are recommended to seek advice from their department or their college as to the number of copies required of any such dissertation, and its format.

THE DEGREE OF MASTER OF BUSINESS ADMINISTRATION

21. Candidates accepted for the Degree of Master of Business Administration shall be required

(a) to be registered as full-time or part-time students of the University;

(b) to attend to the satisfaction of their head of department such courses of instruction in the University as the Senate, on the recommendation of the Board of the Faculties, may require, and

(c) if accepted under the provisions of article 20, to give evidence by examination or otherwise, to their head of department not later than the end of the third term of their period of study that their progress has been satisfactory.

22. A full-time candidate must devote his whole time during his course to his advanced study.

23. The full-time schemes of advanced study for the degree of Master of Business Administration will normally start in October each year, at the beginning of the academic session. Part-time schemes of advanced study may, at the discretion of the head of department, start at the beginning of any term.

24. Candidates shall not be permitted to present themselves for examination unless they have regularly attended the prescribed course of study and have performed the work of the class to the satisfaction of the professor or lecturer.

25. The examination for the degree of Master of Business Administration will include written papers, course work and the assessment of a dissertation.

26. The names of candidates who have satisfied the examiners shall be published in alphabetical order. The degree may be awarded with distinction for work of exceptional merit.

27. A candidate who has failed to reach a satisfactory standard in the examination for the degree of Master of Business Administration may be permitted, on the special recommendation of the examiners, to present himself for re-examination on one occasion only.

THE DEGREE OF MASTER OF MUSIC

28. Candidates accepted for the Degree of Master of Music shall be required

(a) to be registered as full-time or part-time students of the University;

(b) to attend to the satisfaction of their head of department such courses of instruction in the University as the Senate, on the recommendation of the Board of Faculty, may require, and

(c) if accepted under the provisions of article 24, to give evidence by examination or otherwise, to their head of department not later than the end of the third term of their period of study that their progress has been satisfactory.

29. A full-time candidate must devote his whole time during his course to his advanced study.

30. Schemes of advanced study for the degree of Master of Music will normally start in October each year, at the beginning of the academic session.

31. Candidates shall not be permitted to present themselves for examination unless they have regularly attended the prescribed course of study and have performed the work of the class to the satisfaction of the professor or lecturer.

32. Candidates must attain a satisfactory performance in all parts of the examination. A candidate who has failed in the examination for the degree of Master of Music may be permitted, on the special recommendation of the examiners, to present himself for re-examination on one occasion only in all or such parts of the examination as may be determined by the examiners.

33. The names of candidates who have satisfied the examiners shall be published in alphabetical order. The degree may be awarded with distinction for work of exceptional merit.

[See also the appropriate section of Ordinance II on page 4 and the prescribed schemes of advanced study on page 285.]

THE DEGREE OF MASTER OF PHILOSOPHY

The degree of Master of Philosophy is governed by Ordinance X, articles 2 to 13, and relevant regulations which are set out on pages 14–16 and 18–19.

THE DEGREE OF DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is governed by Ordinance X, articles 14 to 21, and relevant regulations which are set out on pages 16–17 and 19–20.

THE DEGREE OF DOCTOR OF LETTERS

34. All applications must be made in writing to the Registrar and contain a full statement of the grounds on which the claim for the degree is based, together with such work, whether in print or typescript, as the applicant may desire to submit in support of the application. A copy of any work approved for the degree will be retained in the University library.

35. A candidate must not submit in chief or sole support of his application for the degree a thesis for which a degree has been awarded in the University of Leeds or any other university, or which is under consideration for the award of a degree in another university; but he will not be precluded from submitting in additional support of his application a thesis for which a degree has already been awarded or from incorporating (in whole or in part) such work in the thesis submitted, provided he clearly indicates the work thus submitted or incorporated.

THE DEGREE OF DOCTOR OF DIVINITY

36. All applications must be made in writing to the Registrar and contain a full statement of the candidate's academic record and any other qualifications on which the application for the degree is based, together with two or more copies of the published work or works whether in print or in typescript which the candidate may desire to submit in support of the

application. A copy of the work or works approved for the degree will be retained in the University library.

37. A candidate must not submit in chief or sole support of his application for the degree a thesis for which a degree has been awarded in the University of Leeds or in any other university, or which is under consideration for the award of a degree in another university; but he will not be precluded from submitting in additional support of his application a thesis for which a degree has already been awarded or from incorporating (in whole or in part) such work in the thesis submitted, provided he clearly indicates the work thus submitted or incorporated.

The application must be accompanied by the prescribed fee.

THE DEGREE OF DOCTOR OF MUSIC

38. All applications must be made in writing to the Registrar and contain a full statement of the candidate's academic record and any other qualifications on which the application for the degree is based, together with two copies of the compositions or thesis or published work which the candidate may desire to submit in support of the application. A copy of the full submission approved for the degree will be retained in the University library.

39. A candidate must not submit in chief or sole support of his application for the degree a composition or thesis for which a degree has been awarded in the University of Leeds or in any other university, or which is under consideration for the award of a degree in another university; but he will not be precluded from submitting in additional support of his application a composition or thesis for which a degree has already been awarded or from incorporating (in whole or in part) such work in that submitted, provided he clearly indicates the work thus submitted or incorporated.

REGULATIONS FOR DIPLOMAS

40. Candidates for diplomas must give satisfactory attendance upon all the subjects which form part of their course of study, and present themselves for class examinations. Those who do not pass these examinations satisfactorily in any year will be disqualified for the diploma unless they repeat the course in whole or in part, as may be required by the Senate.

41. At the close of the course candidates must present themselves for such examination in the main subject of study as may be prescribed.

42. Some deviation from the courses may be sanctioned in special cases and students who on entering upon a diploma course produce evidence that they possess a sufficient knowledge of the work done during a part of the course will be allowed to dispense with a certain amount of attendance. Applications for exemption from attendance should be made to the head of the department concerned who shall bring them before the standing committee of the Senate appointed to deal with such matters.

Courses are provided leading to the following diplomas:

Postgraduate Diploma in Applied Social Studies
Postgraduate Diploma in English Studies
Postgraduate Diploma in Health Planning and Administration
Postgraduate Diploma in Hebrew
Postgraduate Diploma in Icelandic Studies

Postgraduate Diploma in Linguistics
Postgraduate Diploma in Mongol Language and Mongolian Studies
Postgraduate Diploma in Phonetics
Postgraduate Diploma in Textile Design
Postgraduate Diploma in the Phonetics of English

Detailed regulations governing courses of study and examination requirements for the diploma in the history and philosophy of science will be found in the calendar *Faculties of Science and Engineering*.

ORDINANCE X. RESEARCH DEGREES

1. The research degrees shall be:

Master of Laws (LL.M.)
Master of Philosophy (M.Phil.)
Doctor of Philosophy (Ph.D.)

THE DEGREE OF MASTER OF LAWS

The degree of Master of Laws is governed by Ordinance IV, articles 11 to 19, and relevant regulations which are set out in the calendar *Faculty of Law*.

THE DEGREE OF MASTER OF PHILOSOPHY

2. The degree of Master of Philosophy may be conferred on candidates who, having paid the appropriate fee and undertaken research on a subject and under supervision approved by the Senate Research Degrees Committee, present a thesis satisfactory to the Senate and, where the approved work for the degree includes a substantial element of advanced study, satisfy the examiners in the written examinations thereon, subject to the fulfilment of the conditions laid down in the following articles and in the regulations governing the award of the degree. (See pages 18–19.)

3. Applicants for acceptance as candidates for the degree of Master of Philosophy may be asked to register in the first instance as postgraduate research students* and may, with the approval of the Senate Research Degrees Committee, be accepted as candidates for the degree on the satisfactory completion of at least three months' study after which time the committee may agree to backdate the period of study in an individual case to the date of initial registration as a postgraduate research student.

4. Admission of candidates in the Faculties of Arts, Education and Economic and Social Studies:

Graduates of an approved university or institution, or persons whose qualification by study in an approved institution have been accepted by the Senate as equivalent to or in lieu of a degree, may be accepted as candidates for the degree of Master of Philosophy provided that, with the approval of the Senate,

(a) applicants who wish to proceed to the degree in a subject not studied as a substantial part of their first degree level work may be required, before acceptance as candidates, to reach a satisfactory standard in a preliminary examination on that subject, and

(b) applicants who have not reached the honours standard in a first degree examination may be required, not less than one year after the date of their acceptance, to pass a qualifying examination in a subject prescribed by the Senate Research Degrees Committee.

* For the purposes of Ordinance X the term 'postgraduate research students' excludes those candidates accepted and registered for any postgraduate degree or diploma governed by any other Ordinance.

5. Admission of candidates in the Faculties of Science, Engineering and Medicine:

The following may be accepted as candidates for the degree of Master of Philosophy:

(a) graduates of an approved university, or

(b) persons who have been awarded an approved diploma in applied science of this University in a subject regarded by the Senate as an appropriate preparation for the proposed research, or

(c) persons whose qualifications by study in an approved institution have been accepted by the Senate as equivalent to or in lieu of a degree.

6. In exceptional circumstances, persons who do not qualify under articles 4 and 5 may be accepted as candidates for the degree if they satisfy the Senate that their educational attainments and experience qualify them to undertake a course of advanced study and research prescribed for the degree of Master of Philosophy. Such candidates (a) must first normally reach a satisfactory standard in a special preliminary examination and (b) thereafter, may proceed to the final year of their prescribed period of study only if they have passed a general examination in the subject of their study.

7. Except as hereinafter provided, the period of study for the degree of Master of Philosophy shall be determined in each case by the Senate Research Degrees Committee but the period of full-time study shall normally be two calendar years from the date of initial registration for the degree and the period of part-time study shall normally be three calendar years from the date of initial registration for the degree.

8. In appropriate cases, the Senate shall be empowered to reduce the period of (a) two calendar years of full-time study or (b) three calendar years of part-time study for the degree of Master of Philosophy when the progress and quality of the candidate's research justify such a reduction, provided that a candidate shall not present himself for examination for the degree before the completion of one calendar year of full-time study or of two calendar years of part-time study.

9. In appropriate circumstances candidates for the degree who are full-time students may undertake a limited amount of research away from the University, either on approved field-work or in approved academic institutions or scientific and industrial establishments, whilst remaining under the direction of the University. Permission to spend up to a total of nine months studying outside the University during the period of study determined under article 7 will be at the discretion of the head of the department concerned; periods in excess of this must be approved by the Senate Research Degrees Committee.

10. In special circumstances, persons working in approved academic institutions or scientific or industrial establishments will be eligible for acceptance as full-time students under the relevant articles of this Ordinance provided that they are able to devote their whole time to research for the degree, and that they spend one calendar year or such periods as the Senate may prescribe in residence at the University.

11. All candidates accepted to study for the degree on a part-time basis shall have the frequency of their attendance for supervision and the facilities available for their research approved by the Senate.

12. Graduates of the University of Leeds may, with the approval of the head of the department concerned and the Senate Research Degrees Committee, present themselves for the examination for the degree of Master of Philosophy in an approved subject without

being required to attend the University, or to study under the supervision of a member of staff, or to pay fees other than the examination fee. Such candidates are, however, required to consult fully with the appropriate head of department on their subject of research and programme of work and to keep their department informed of the progress of their studies.

13. A candidate for the degree of Doctor of Philosophy who has not been successful in his submission for that degree, may, with the approval of the Senate and on the recommendation of the head of the appropriate department, present his doctoral thesis, in revised form if necessary, for the degree of Master of Philosophy. Such candidates will not be required to pay fees other than an examination fee.

[See also the regulations on pages 18–19.]

THE DEGREE OF DOCTOR OF PHILOSOPHY

14. The degree of Doctor of Philosophy may be conferred on the following persons who, having paid the appropriate fee and undertaken research on a subject and under supervision approved by the Senate Research Degrees Committee, present a thesis satisfactory to the Senate and, where the approved work for the degree includes a substantial element of advanced study, satisfy the examiners in the written examination thereon, subject to the fulfilment of the conditions laid down in the following articles and in the regulations governing the award of the degree (see pages 19–20):

(a) registered graduates of an approved university, or

(b) holders of a recognized degree awarded as a result of study at an approved institution other than a university, or of any other qualification approved for this purpose by the Senate, provided that the course of study in the subject for which the qualification has been awarded has extended over not less than three years of full-time study and is acceptable to the Senate as being an adequate preparation for the research proposed, or

(c) in exceptional circumstances, holders of a diploma of the University of Leeds, provided that the Senate is satisfied regarding the course of study towards such a diploma and the standard attained by the candidate in the examination for the diploma.

15. Normally candidates wishing to proceed to the degree of Doctor of Philosophy under the provisions of article 14 will, in the first instance, either be required to apply for acceptance as provisional Ph.D. candidates or be asked to register as postgraduate research students*, and may, with approval of the Senate Research Degrees Committee, be accepted as candidates for the degree of Doctor of Philosophy on their completion to the satisfaction of the head of the department concerned of a period of study not normally in excess of twelve months. The Senate may waive this requirement in the case of

(a) persons already holding a higher degree of an approved university or institution awarded on completion of a course of advanced study or research which provides evidence of aptitude for research at doctoral level, or

(b) persons whose academic qualifications reach the required standard and who have, in addition, industrial or other experience of special relevance to their proposed subject

* For the purposes of Ordinance X the term 'postgraduate research students' excludes those candidates accepted and registered for any postgraduate degree or diploma governed by any other Ordinance.

of research and who are recommended by the head of department concerned on these grounds.

16. A candidate applying for acceptance for the degree under the provisions of paragraphs (b) and (c) of article 14 above may be required to present to the Senate evidence of a satisfactory general education or, in the absence of such evidence, may be required to pass an examination to be prescribed in each case by the Senate before his acceptance.

17. Except as hereinafter provided, all full-time candidates for the degree of Doctor of Philosophy are required to pursue approved full-time study and research in residence in the University under such supervision and direction as may be prescribed, for a period which shall be determined in each case by the Senate Research Degrees Committee but which shall normally be three calendar years from the date of initial registration for the degree.

18. In appropriate circumstances candidates for the degree who are full-time students may undertake a limited amount of research away from the University, either on approved field-work or in approved academic institutions or scientific and industrial establishments, whilst remaining under the direction of the University. Permission to spend up to a total of nine months studying outside the University during the period of study determined under article 17 will be at the discretion of the head of the department concerned; periods in excess of this must be approved by the Senate Research Degrees Committee.

19. In special circumstances, persons working in approved academic institutions or scientific or industrial establishments will be eligible for acceptance as full-time students under the relevant articles of this Ordinance provided that they are able to devote their whole time to research for the degree and that they spend one calendar year or such periods as the Senate may prescribe in residence at the University.

20. The Senate shall be empowered to reduce, in appropriate cases, the period of three calendar years of full-time study for the degree of Doctor of Philosophy when the progress and quality of the candidate's research justify such a reduction, provided that no candidate may have the degree conferred upon him before the completion of a total of two calendar years of full-time study.

21. Persons qualified under article 14 may be accepted for part-time study for the degree of Doctor of Philosophy provided that the Senate is satisfied with the frequency of their attendance for supervision and the facilities available for their research. The periods of study of such part-time candidates shall be determined in each case by the Senate Research Degrees Committee but shall normally be four calendar years. In appropriate cases the Senate shall be empowered to reduce this period when the progress and quality of the candidate's research justify such a reduction, provided that no candidate presents himself for examination for the degree before the completion of three calendar years of part-time study.

[See also the regulations on pages 19–20.]

Regulations. Research Degrees

THE DEGREE OF MASTER OF LAWS

The degree of Master of Laws is governed by Ordinance IV, articles 11 to 19, and relevant regulations which are set out in the prospectus *Faculty of Law*.

THE DEGREE OF MASTER OF PHILOSOPHY

1. All candidates for the degree of Master of Philosophy, except those accepted under the provisions of article 12 of Ordinance X, must:

(a) register as students of the University and pay the prescribed fees for tuition

(b) undertake an approved course of advanced study and research, as prescribed by the Senate Research Degrees Committee, under the supervision of a member of staff of the department concerned

(c) give evidence of satisfactory progress by such means as may be prescribed by heads of departments.

2. Persons who are not graduates applying for acceptance for the degree under article 6 must present themselves for interview by the Senate Research Degrees Committee before taking the special preliminary examination; this may include questions outside the subject in which the candidate wishes to proceed.

3. Subject to the provisions of articles 9 and 10 of Ordinance X, a full-time candidate must devote his whole time during his course to his advanced study and research in the University but, in exceptional circumstances, the Senate Research Degrees Committee is prepared to allow the candidate to undertake a limited amount of other work which, in its judgement, would not interfere with his course of study.

4. Candidates accepted for part-time study in the Faculties of Science, Engineering and Medicine, in accordance with articles 7 and 11, shall normally be members of the full-time staff of a teaching, scientific or industrial establishment where the appropriate research facilities are available and shall undertake research both at their place of work and in the University under the supervision of a member of the staff of the University.

5. A graduate of the University accepted as a candidate for the degree of Master of Philosophy under the provisions of article 12 of Ordinance X shall apply to the Senate Research Degrees Committee for the approval of his subject of research at least two academic years before the date on which he proposes to submit his thesis and may not submit his thesis for examination later than the end of the fifth year after the Committee's approval is granted.

6. Except with the special permission of the Senate Research Degrees Committee, no candidate may submit his thesis for examination for the degree of Master of Philosophy later than the end of the third year after his entry upon the approved course of full-time study and research or later than the end of the fifth year after his entry upon the approved course of part-time study and research.

7. Candidates who have completed their required period of study for the degree, but who have not yet completed the requirements for the award of the degree, are required whilst their candidatures continue to:

(a) register as students of the University and

(b) pay fees either at the full-time or part-time rate as is deemed appropriate by the head of the department concerned.

Such candidates may be permitted, at the discretion of the head of department concerned, to pay the specially reduced continuation/writing up fee.

8. A candidate must not submit as his thesis one for which another degree or similar qualification has been awarded, or which is under consideration for such an award; but he will not be precluded from incorporating in his thesis any part of such work provided that he states his wish to do so at the time of his application for acceptance as a candidate and in the thesis itself indicates the part of the work so incorporated.

9. Not less than three months before the submission of his thesis, the candidate must make application to the Registrar to be examined. The candidate must submit two copies of a thesis containing a short abstract which should be bound at the front of the thesis. Theses must be bound in the standard form, particulars of which may be obtained from the Registrar. A copy of the thesis submitted for examination will be retained by the University on completion of the examination, and a copy of any thesis approved for the degree will be retained in the University library; a carbon copy will not be acceptable for this purpose.

10. To qualify for the award of the degree of Master of Philosophy, the candidate must:

(a) present a thesis on the subject of his advanced study and research and satisfy his examiners that it includes an independent contribution to knowledge and scholarship, contains material at a level suitable for publication and is of sufficient merit to qualify for the award of the degree of Master of Philosophy

(b) present himself for an oral examination and satisfy his examiners therein and in such other tests as his examiners may prescribe.

(c) perform satisfactorily in any written examinations that may be prescribed in the scheme of examination.

11. The degree of Master of Philosophy may be awarded with distinction for work of exceptional merit.

THE DEGREE OF DOCTOR OF PHILOSOPHY

12. Before entering on the course of advanced study and research for the degree of Doctor of Philosophy, a candidate must submit to the Senate Research Degrees Committee for its approval his proposed course of advanced study and research and thereafter must:

(a) register as a student of the University and pay the prescribed fees for tuition

(b) undertake the approved course of advanced study and research under the supervision of a member of staff of the department concerned

(c) give evidence of satisfactory progress by such means as the head of department may prescribe.

13. Subject to the provisions of articles 18 and 19 of Ordinance X, a full-time candidate must devote his whole time during his course to his advanced study and research in the University but in exceptional circumstances the Senate Research Degrees Committee is prepared to allow the candidate to undertake a limited amount of other work which, in its judgement, would not interfere with his course of study.

14. Except with the special permission of the Senate Research Degrees Committee, no candidate may submit his thesis for examination for the degree of Doctor of Philosophy later than the end of the fourth year after his entry upon the approved course of full-time study and research or later than the end of the sixth year after his entry upon the approved course of part-time study and research.

15. Candidates who have completed their required period of study for the degree, but who have not yet completed the requirements for the award of the degree, are required whilst their candidatures continue to:

(a) register as students of the University and

(b) pay fees either at the full-time or part-time rate as is deemed appropriate by the head of the department concerned.

Such candidates may be permitted, at the discretion of the head of department concerned, to pay the specially reduced continuation/writing up fee.

16. A candidate must not submit as his thesis one for which another degree or similar qualification has been awarded, or which is under consideration for such an award; but he will not be precluded from incorporating in his thesis any part of such work provided that he states his wish to do so at the time of his application for acceptance as a candidate and in the thesis itself indicates the part of the work so incorporated.

17. Not less than three months before the submission of his thesis, the candidate must make application to the Registrar to be examined. The candidate must submit two copies of a thesis containing a short abstract which should be bound at the front of the thesis. Theses must be bound in the standard form, particulars of which may be obtained from the Registrar. A copy of a thesis submitted for examination will be retained by the University on completion of the examination, and the copy of any thesis approved for the degree will be retained in the University library; a carbon copy will not be acceptable for this purpose.

18. To qualify for the award of the degree of Doctor of Philosophy the candidate must:

(a) present a thesis on the subject of his advanced study and research, and satisfy the examiners that it contains evidence of originality and independent critical ability and matter suitable for publication, and that it is of a sufficient merit to qualify for the degree of Doctor of Philosophy

(b) present himself for an oral examination and satisfy his examiners therein and in such other tests as his examiners may prescribe.

Regulations prescribing Schemes of Study for the Degree of Bachelor of Arts

Candidates should note that in order to qualify for admission to a scheme of study for a first degree in the University, they must satisfy both a *General Requirement* and a *Course Requirement*. For information regarding the *General Requirement*, for purposes of matriculation, candidates should write to The Secretary, Joint Matriculation Board, Manchester M15 6EU. The normal *Course Requirement*, in terms of GCE A and AS levels, is set out at the beginning of the regulations for each scheme of study in the Faculty of Arts and the Faculty of Economic and Social Studies.

Any GCSE* level passes required for admission to a scheme of study must be at grades A, B or C.

Schemes of study are of three years' duration unless otherwise specified.

Examinations required for individual schemes are of three hours' duration unless otherwise specified.

Enquiries about schemes of study should be addressed to the Registrar, The University, Leeds LS2 9JT.

SCHEMES OF STUDY

Arabic and English
Arabic and French
Arabic and German
Arabic and Greek Civilization
Arabic and Italian
Arabic and Linguistics
Arabic and Management Studies
Arabic and Portuguese
Arabic and Religious Studies
Arabic and Roman Civilization
Arabic and Russian
Arabic and Spanish
Arabic and Theology
Arabic Studies
Chinese and English
Chinese and French
Chinese and German
Chinese and Linguistics
Chinese and Management Studies
Chinese and Portuguese
Chinese and Russian
Chinese and Spanish
Chinese Studies
Classical Civilization
Classics
Economic History
Economic History and Geography
Economics
Economics and Accounting
Economics and Econometrics
Economics and Economic History
Economics and Geography
Economics and History
Economics and Industrial Relations
Economics and Management Studies
Economics and Philosophy
Economics and Politics
Economics and Politics with American Studies
Economics and Russian
Economics and Social Policy
Economics and Sociology
Economics and Spanish
English
English and French
English and German
English and Greek Civilization
English and History

* O levels at grades A, B or C are deemed equivalent to GCSE level passes at those grades.

English and History of Art
English and Italian
English and Latin
English and Music
English and Philosophy
English and Portuguese
English and Religious Studies
English and Roman Civilization
English and Russian
English and Sociology
English and Spanish
English and Theology
Fine Art
French and Greek Civilization
French and History
French and Latin Languages and Literatures
French and Linguistics
French and Management Studies
French and Music
French and Philosophy
French and Portuguese
French and Religious Studies
French and Roman Civilization
French and Theology
French Language and Literature*
Geography
Geography and History
Geography and Management Studies
Geography and Mathematics
Geography and Philosophy
Geography and Politics
Geography and Russian Studies
Geography and Sociology
Geography and Spanish
German and History
German and History of Art
German and Linguistics
German and Management Studies
German and Music
German and Philosophy
German and Religious Studies
German and Theology
German Language and Literature*
Greek*
Greek Civilization and Religious Studies
Greek Civilization and Theology
History
History and Greek Civilization
History and History of Art
History and History of Scientific Thought
History and Italian
History and Latin
History and Philosophy
History and Portuguese
History and Religious Studies
History and Roman Civilization
History and Russian Studies
History and Sociology
History and Spanish
History and Theology
History of Art
History of Art and History of Scientific Thought
History of Art and Italian
History of the Fine and the Decorative Arts
Ibero-American Studies
International History and Politics
Italian and Latin
Italian and Management Studies
Italian and Music
Italian and Roman Civilization
Italian Language and Literature*
Latin*
Latin and Ancient History
Latin and Religious Studies
Latin and Russian
Latin and Spanish
Latin and Theology
Linguistics & Phonetics
Linguistics and Russian
Linguistics and Spanish
Management Studies and Philosophy
Management Studies and Portuguese
Management Studies and Psychology
Management Studies and Russian
Management Studies and Spanish
Mathematics
Mathematics and Philosophy
Mathematics and Russian
Modern Chinese Studies
Modern Languages and Literatures†
Music
Music and History of Art
Music and Philosophy
Music and Religious Studies
Music and Theology
Philosophy
Philosophy and History of Art
Philosophy and History of Scientific Thought

* The title of these degrees will include the name of the subsidiary subject (where appropriate) which has been read throughout the scheme of study.

† The title of this degree will include the names of the subjects read for the degree, e.g. Modern Languages and Literatures (French and German).

Philosophy and Politics
Philosophy and Psychology
Philosophy and Religious Studies
Philosophy and Russian
Philosophy and Sociology
Philosophy and Theology
Political Studies
Politics and Parliamentary Studies
Politics and Russian Studies
Politics and Social Policy
Politics and Sociology
Portuguese and Russian
Portuguese and Spanish
Psychology and Sociology
Religious Studies and History of Art
Religious Studies and History of Scientific Thought
Religious Studies and Roman Civilization
Religious Studies and Russian
Religious Studies and Sociology
Roman Civilization and Russian
Roman Civilization and Spanish
Roman Civilization and Theology
Russian and Sociology
Russian and Theology
Russian Studies*
Social Policy and Administration
Social Policy and Sociology
Sociology
Sociology and Cultural Studies
Sociology and History of Art
Sociology and History of Scientific Thought
Sociology and Theology
Spanish and History of Art
Spanish Language and Literature*
Textile Design
Textile Management
Theology and History of Art
Theology and History of Scientific Thought
Theology and Religious Studies

DETAILS OF SCHEMES OF STUDY

Arabic and English

Four years including a year spent abroad

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including a foreign language and English at A level.

PERIOD ABROAD

Candidates will normally be required to spend the second year of study in Egypt where they will attend an approved course of Arabic in an academic institution. In exceptional cases candidates may, with special permission of the Head of Department, attend Arabic courses in other institutions in the Middle East or North Africa. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Arabic:
   (a) Grammar and translation
   (b) Unseen texts; Arab history

An oral examination in Arabic.

2. English:
   (a) Renaissance poetry
   (b) Renaissance drama
3. One other approved subject.

* The title of these degrees will include the name of the subsidiary subject (where appropriate) which has been read throughout the scheme of study.

THIRD YEAR: PART I EXAMINATION

1. Arabic:
   (a) Syntax, composition and unseen texts (2-hour paper; half paper equivalent)
   (b) Prescribed texts; history (2-hour paper; half paper equivalent)

An oral examination in Arabic.

2. English:
   (a) English literature from Renaissance to Romantics
   (b) Shakespeare *or* Medieval literature.

FINAL EXAMINATION

1. Stylistics and composition
2. Prescribed modern texts (2-hour paper, half-paper equivalent)
3. Unseen modern texts (2-hour paper, half-paper equivalent)
4. Modern history of the Middle East and North Africa
5. English literature from 1815 to the present
6. Special option (of which at least four will be offered in any year as determined by the School of English. See list of special options and examination arrangements on page 310)
7. Candidates will be required to submit, not later than the end of the second term of their final year, an essay of 8,000–10,000 words on a subject which may relate to Arabic or to English or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme.

An oral examination in Arabic.

Arabic and French

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including French at A level.

PERIOD ABROAD

Candidates will normally be required to spend the second year of study in Egypt where they will attend an approved course of Arabic in an academic institution. In exceptional cases candidates may, with special permission of the Head of Department, attend Arabic courses in other institutions in the Middle East or North Africa. In addition candidates will be required to spend the third term of their third year following a course of study at a French-speaking university or institute of higher education. During their time abroad candidates will submit such written work as may be required by the two Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Arabic: As first-year examination 1 for Arabic and English
2. French:
   (a) French language
   (b) Twentieth-century French literature and institutions

An oral examination

3. One other approved subject.

THIRD YEAR: PART I FINAL EXAMINATION

The examination may be held at the end of the second term of the third year.
1. Arabic: As second-year Part I examination 1 for Arabic and English.
2. French: 1½-hour papers on *two* of the following:
   Seventeenth-century French literature
   Eighteenth-century French literature
   History, structure and use of the French language.

PART II FINAL EXAMINATION

1-4. As final examination 1-4 for Arabic and English
5. Translation into French and translation into English
6. Essay in French (2-hour paper)
7. Special subject in French (to be selected from the list under Scheme of Study Final year 6, page 106 below)
8. *One* of the following:
   (a) renaissance and Reformation Literature
   (b) seventeenth-century French tragedy
   (c) Nineteenth-century French fiction
   (d) Literature and politics in twentieth-century France
   (e) Contemporary French history and institutions
   (f) Nature and use of Modern French
9. During their year abroad candidates will *either* write an essay of 8,000–10,000 words on a subject which may relate to French or to some topic combining Arabic and French to be presented by the end of September of the pre-final year; *or* write an essay of 8,000–10,000 words on a subject relating to Arabic. The title of any essay linking Arabic and French must be approved by the Heads of both Departments. The title of any essay on an Arabic topic must be approved by the Head of the Department of Modern Arabic Studies at the beginning of the third year of the scheme, and the essay should be submitted not later than the end of the second term of the final year.
   An oral examination in Arabic and an oral examination in French.

Arabic and German

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including German at A level.

PERIOD ABROAD

Candidates will normally be required to spend the second year of study in Egypt where they will attend an approved course of Arabic in an academic institution. However, candidates may, with special permission of the Head of Department, attend Arabic courses in other institutions in the Middle East or North Africa. In addition candidates will be required to spend the third term of their third year at an approved German-speaking university. In exceptional cases, and with the approval of the Heads of both Departments, candidates may spend the third term of their second year in an Arabic-speaking country in attendance at an approved Arabic course, and their third year in a German-speaking university. During their time abroad candidates will submit such written work as may be required by the two Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Arabic: As first-year examination 1 for Arabic and English
2. German:
   (a) Literature and prescribed texts
   (b) Unprepared translation; the German-speaking lands since 1945
   (c) Composition and essay in German

An oral examination in German

3. One other approved subject.

THIRD YEAR: PART I FINAL EXAMINATION

The examination will normally be held at the end of the second term of the third year.

1. Arabic: As third year Part I examination 1 for Arabic and English.
2-3. German: Two of the following (2-hour, half-paper equivalent):
   The New High German language I*
   Eighteenth-century literature and texts I*
   Nineteenth-century literature and texts I*
   Twentieth-century literature and texts I*

PART II FINAL EXAMINATION

Candidates will be required to submit, not later than the first day of the second term of their final year of study, an essay of 4,000–5,000 words on an approved subject taken from the field covered by their third-year seminar course in German. This essay will form the equivalent of a half-paper in the final examination.

Arabic
as final examination papers 1-4 for Arabic and English

German

5. Translation into German and essay in German (3 hours)
6. Translation into English from German (2-hour paper; half-paper equivalent)
7-8. *Two* of the following (2-hour half-paper equivalents):
   The New High German language II†
   Eighteenth-century German literature and texts II†
   Nineteenth-century German literature and texts II†
   Twentieth-century German literature and texts II†
9. Paper on final-year seminar course in German (2-hour, half-paper equivalent)

An oral examination in Arabic and an oral examination in German.

In addition, candidates will be required to submit, not later than the end of the second term of their final year, an essay of 8,000–10,000 words (the equivalent of a full paper) on a subject which may relate to Arabic or to German or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme.

Arabic and Greek Civilization

Four years including a year spent abroad

* Candidates taking this examination will be required to follow the appropriate courses and take the Part II Final Examination in the same subject.

† Candidates will be permitted to take this examination only if they take the Part I Final Examination in the same subject.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including a foreign language at A level.

PERIOD ABROAD

Candidates will normally be required to spend the second year of study in Egypt where they will attend an approved course of Arabic in an academic institution. In exceptional cases candidates may, with special permission of the Head of Department, attend Arabic courses in other institutions in the Middle East or North Africa. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Arabic: As first-year examination 1 for Arabic and English
2. Greek Civilization: As first-year examination 2 for English and Greek Civilization
3. One other approved subject.

THIRD YEAR: PART I EXAMINATION

1. Arabic: As third-year Part I examination 1 for Arabic and English
2. Greek Civilization: Candidates will be examined in translation, with comment, from Greek texts (2-hour paper)

FINAL EXAMINATION

1-4. As final examination 1-4 for Arabic and English
5-8. As final examination 3-6 for English and Greek Civilization.

In addition candidates will be required to submit, not later than the end of the second term of their final year, an essay of 8,000–10,000 words on a subject which may relate to Arabic or to Greek Civilization or to some topic combining both these subjects. The title should be submitted to the heads of the two departments for approval at the beginning of the third year of the scheme.

An oral examination in Arabic.

Arabic and Italian

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Italian at A level.

PERIODS ABROAD

Candidates will normally be required to spend the second year of study in Egypt where they will normally attend an approved course of Arabic in an academic institution. In exceptional cases students may, by special permission of the Head of Department, attend Arabic courses in other institutions in the Middle East or North Africa. In addition, students will be required to spend the third term of the third year of study in Italy, attending an approved course of study. During their time abroad, students will submit such written work as may be required by the two Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Arabic: As first-year examination 1 for Arabic and English
2. Italian:
   (a) Italian language: translations
   (b) *Either* Italian literature and society in the nineteenth century
   Or Italian literature and society in the twentieth century
   An oral examination in Italian
3. One other approved subject.

PART I FINAL EXAMINATION

The examination will be held at the end of the second term of the third year
Arabic: As third-year Part I examination 1 for Arabic and English

PART II FINAL EXAMINATION

1-4. As final examination 1-4 for Arabic and English
5. Italian language: translations
6. Italian language: essay
7. *Either* History of the Italian language
   Or Dante
8. *Either* Italian literature and society to 1400
   Or Italian literature and society of the Renaissance
9. One further paper in Italian, chosen from courses offered in the final year.

An oral examination in Arabic and an oral examination in Italian.

In addition candidates will be required to submit, not later than the end of the second term of their final year, an essay of 8,000–10,000 words on a subject which may relate to Arabic or to Italian or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme.

Arabic and Linguistics

Four years, including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including a foreign language at A level.

PERIOD ABROAD

Candidates will normally be required to spend the second year of study in Egypt where they will attend an approved course of Arabic in an academic institution. In exceptional cases candidates may, with special permission of the Head of Department, attend Arabic courses in other institutions in the Middle East or North Africa. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Arabic: As first-year examination 1 for Arabic and English
2. Linguistics:
   (a) Language and linguistics
   (b) General phonetics

(c) Arabic phonetics (1½-hour paper)
An oral examination in phonetics
3. One other approved subject.

THIRD YEAR: PART I FINAL EXAMINATION

1. Arabic: As third year Part I examination 1 for Arabic and English
2. Linguistics: At the end of the second or third term of the third year candidates will be examined in sociolinguistics and stylistics: one 1½-hour half paper. This paper constitutes Part I of the final examination in Linguistics, and the result achieved will be taken into account in determining the class of degree awarded.

During the summer vacation between third and final year, students will be required to undertake a field project, the report on which shall be submitted to the Department of Linguistics & Phonetics at the beginning of the first term of the final year.

FINAL YEAR: PART II EXAMINATION

3-6. As final examination 1-4 for Arabic and English
7. Linguistic theory and analysis
8. Phonetics and phonology (including Language Teaching)
9. Linguistic and phonetic description of Arabic
10. Phonetics of English (1 ½-hour paper)
11. Final year option in linguistics (1 ½-hour paper)
An oral examination in Arabic and an oral examination in phonetics.

In addition candidates will be required to submit, not later than the end of the second term of their final year, an essay of 8,000–10,000 words on a subject which may relate to Arabic or to Linguistics or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme.

Arabic and Management Studies

Four years including a year spent abroad

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including a foreign language at A level; GCSE level Mathematics.

PERIOD ABROAD

Candidates will normally be required to spend the second year of study in Egypt where they will attend an approved course of Arabic in an academic institution. In exceptional cases candidates may, with special permission of the Head of Department, attend Arabic courses in other institutions in the Middle East or North Africa. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Arabic: As first-year examination 1 for Arabic and English
2. Management Studies:
   (a) Organization studies C1 (2 hours)
   (b) Management economics C1 (2 hours)
   (c) Models for planning C1 (2 hours)
3. One other approved subject.

THIRD YEAR: PART I EXAMINATION

1. Arabic: As third year Part I examination 1 for Arabic and English
2. Management Studies:
   (a) Organization Studies C2 (2 hours)
   (b) Management economics C2 (2 hours)
   (c) Models for Control C2 (2 hours)

FINAL EXAMINATION

1-4. As final examination 1-4 for Arabic and English
5. Business policy C3
6-7. Two papers selected from:*
   Advanced strategy C3
   Financial management C3
   Financial planning and control C3
   Languages, cultures and international management C3
   Management and work design C3
   Management research methods C3
   Marketing C3
   Organization behaviour C3
   Organization diagnosis, design and development C3
   Personnel Management C3
   Political economy of the firm C3
   Problem-solving in organizations — consulting skills C3
   Production/Operations management C3
   Statistics in business C3
   Strategic gaming C3
   Theatre of management C3

An oral examination in Arabic.

In addition candidates will be required to submit, not later than the end of the second term of their final year, an essay of 8,000–10,000 words on a subject relating to Arabic. The title should be submitted to the Head of the Department of Modern Arabic Studies for approval at the beginning of the third year of the scheme.

Arabic and Portuguese

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including a foreign language at A level.

PERIOD ABROAD

Candidates will normally be required to spend the second year of study in Egypt where they will attend an approved course of Arabic in an academic institution. In exceptional cases candidates may, with special permission of the Head of Department, attend Arabic courses in other institutions in the Middle East or North Africa. In addition candidates will be

* Not all these courses will necessarily be available in any one year and new approved courses may be added from time to time.

required to spend the third term of their third year following a course of study at a Portuguese-speaking university or institute of higher education. During their time abroad candidates will submit such written work as may be required by the two departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Arabic: As first-year examination 1 for Arabic and English
2. Portuguese:
   (a) Portuguese language
   (b) Modern literature

An oral examination
In addition, students will attend essay tutorials on the literature studied in Portuguese and the work done for these will be taken into account.
3. One other approved subject.

THIRD YEAR: PART I EXAMINATION

The examination will normally be held at the end of the second term of the third year.
1. Arabic: As third-year Part I examination 1 for Arabic and English
2. Portuguese: nineteenth-century and twentieth-century Portuguese literature

FINAL EXAMINATION

1-4. As final examination 1-4 for Arabic and English
5. Translation from and into Portuguese
6. Essay in Portuguese
7-8. *Two* of the following options (1½-hour paper on each)
   (a) Early Portuguese literature
   (b) Renaissance drama and poetry
   (c) Machado de Assis
   (d) Twentieth-century Brazilian literature
   (e) Modern poetry
   (f) Portuguese writers in the Far East
9. *either* Language and culture in the Peninsula under the Muslims
   or two further options under 7-8 (a–f) above. (1½-hour paper on each)

An oral examination in Arabic and an oral examination in Portuguese.

In addition candidates will be required to submit an essay of 8,000–10,000 words on a subject which may relate to Arabic or Portuguese or to some topic combining both these subjects. Essays relating to Arabic must be submitted not later than the end of the second term of the final year; essays relating to Portuguese must be submitted not later than 1 December of the final year and essays relating to a topic combining both subjects must be submitted on a date agreed upon by both Departments. The title should be submitted for approval by the beginning of the third year of the scheme to the Head of the relevant Department when the essay is written in one of the Departments and to both Heads of Department in the case of a combined topic.

Arabic and Religious Studies

Four years including a year spent abroad

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including a foreign language at A level.

PERIOD ABROAD

Candidates will normally be required to spend the second year of study in Egypt where they will attend an approved course of Arabic in an academic institution. In exceptional cases candidates may, with special permission of the Head of Department, attend Arabic courses in other institutions in the Middle East or North Africa. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Arabic: As first year examination 1 for Arabic and English
2. Religious studies (three 2-hour papers):
   (a) Introduction to the Christian tradition
   (b) Introduction to religious studies
   (c) Introduction to biblical studies

In addition, prescribed essays written in relation to seminars and courses will be taken into account.

3. One other approved subject.

THIRD-YEAR: PART I FINAL EXAMINATION

Arabic: As third-year Part I examination 1 for Arabic and English.
Religious Studies: One of (a) Islam
(b) Hinduism and Buddhism
(c) Hinduism and Sikhism

FOURTH-YEAR PART II FINAL EXAMINATION

1-4. As final examination 1-4 for Arabic and English
5. Church history
6. Sociology of religion *or* selected topics in the comparative study of religions *or* philosophy of religion (as offered)
7. Any other course currently taught in the Department of Theology and Religious Studies.*

An oral examination in Arabic.

Candidates may also be required to present themselves for an oral examination in Religious Studies.

In addition, candidates will be required to submit, not later than the end of the second term of their final year, an essay of 8,000–10,000 words on a subject which may relate to Arabic or to Religious Studies or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme.

Arabic and Roman Civilization

Four years including a year spent abroad

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including a foreign language at A level.

* At the direction of the Head of the Department of Theology and Religious Studies, optional subjects will be examined *either* by a 3-hour paper *or* by assessment of two or three essays totalling not more than 10,000 words or by a 2-hour paper and an essay of 4,000–5,000 words. Essays must be submitted not later than the first day of the third term of the final year.

PERIOD ABROAD

Candidates will normally be required to spend the second year of study in Egypt where they will attend an approved course of Arabic in an academic institution. In exceptional cases candidates may, with special permission of the Head of Department, attend Arabic courses in other institutions in the Middle East or North Africa. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Arabic: As first-year examination 1 for Arabic and English
2. Roman Civilization:
   (a) Latin language including prepared and unprepared translation
   (b) Roman civilization
3. One other approved subject.

THIRD-YEAR: PART I EXAMINATION

Arabic: As third-year Part I examination 1 for Arabic and English.

FINAL EXAMINATION

1-4. As final examination 1-4 for Arabic and English
5. Latin literature
6. Roman thought and society I
7. Roman thought and society II
8. Translation from prescribed and unprescribed Latin texts

An oral examination in Arabic.

In addition, candidates will be required to submit, not later than the end of the second term of their final year, an essay of 8,000–10,000 words on a subject which may relate to Arabic or to Roman Civilization or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme.

Arabic and Russian

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. In the case of Scheme 1, one of the A level passes should normally be in Russian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

TWO Schemes of Study are available.

Scheme 1, extending over four years, is for students possessing a previous knowledge of Russian.

PERIOD ABROAD

Candidates on Scheme 1 will be required to spend their second year of study in Egypt, where they will normally attend an approved course of Arabic in an academic institution. In exceptional cases students may, by special permission of the Head of Department, attend Arabic courses in other institutions in the Middle East or North Africa. In addition, students will be required to spend three months in the U.S.S.R., or in an East European country (with one month to be spent at an approved vacation course in the U.S.S.R.). In exceptional cases, and with approval of the Heads of both Departments, candidates may spend the third term of their second year in an Arabic-speaking country in attendance at an

approved Arabic course, and their third year of study in the U.S.S.R., or in Eastern Europe or in a Russian-speaking environment. During their time abroad students will submit such written work as may be required by the two Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

Scheme 2, extending over five years, is for students possessing little or no previous knowledge of Russian. These students will spend their first year engaged in an intensive year's study of Russian.

PERIOD ABROAD

Candidates on Scheme 2 will be required to spend their third year in Egypt where they will normally attend an approved course of Arabic in an academic institution. In exceptional cases students may, by special permission of the Head of Department, attend Arabic courses in other institutions in the Middle East or North Africa. In addition, students will be required to spend three months in the U.S.S.R., or in an East European country (with one month to be spent at an approved vacation course in the U.S.S.R.). In exceptional cases, and with approval of the Heads of both Departments, candidates may spend the third term of their third year in an Arabic-speaking country in attendance at an approved Arabic course, and their fourth year of study in the U.S.S.R., or in Eastern Europe or in a Russian-speaking environment. During their time abroad students will submit such written work as may be required by the two Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME 1

FIRST-YEAR EXAMINATION

1. Arabic: As first-year examination 1 for Arabic and English
2. Russian:
   (a) Translation into Russian and essay in Russian
   (b) Translation from Russian (2-hour paper)
   (c) Aural (1½-hour paper)
   (d) Russian literature with prescribed texts (2-hour paper, together with an assessment of students' essays written during the year)

An oral examination in Russian

3. One other approved subject.

PART I FINAL EXAMINATION

The examination will normally be held at the end of the second term of the third year.

Arabic: As third-year Part I examination 1 for Arabic and English.

PART II FINAL EXAMINATION

1-4. As final examination 1–4 for Arabic and English
5. Essay in Russian
6. Translation from and into Russian
7-8. Two of the following:
   (a) History of Russia from 1856*
   (b) The Russian Novel†

* To be examined by two essays of 2,000–3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study, and by one essay of 4,000–5,000 words on an approved topic to be presented by 1 December of the final year. If this course is exceptionally taken in the final year, all essays must be presented by 1 May.

† A 2-hour paper taken at the end of the second term of the penultimate year of study, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

(c) One other paper from the options listed for final examination 6–10 in Russian Studies.

An oral examination in Arabic and an oral examination in Russian.

In addition, candidates will be required to submit, not later than the end of the second term of their final year, an essay of 8,000–10,000 words on a subject which may relate to Arabic or to Russian or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme.

SCHEME 2

FIRST-YEAR EXAMINATION

An oral examination in Russian and three papers as follows:
1. Translation into Russian
2. Translation from Russian
3. Russian literature and prescribed texts
4. Soviet history and society (2-hour paper)

SECOND-YEAR EXAMINATION

1. Arabic: As first-year examination 1 for Arabic and English
2. Russian:
   (a) Translation into Russian and essay in Russian
   (b) Translation from Russian (2-hour paper)
   (c) Aural (1½-hour paper)
   (d) Russian literature with prescribed texts (2-hour paper together with an assessment of students' essays written during the year)
   An oral examination in Russian
3. One other approved subject.

PART I FINAL EXAMINATION

The examination will normally be held at the end of the second term of the fourth year.
Arabic: As third-year Part I examination 1 for Arabic and English.

PART II FINAL EXAMINATION

1-4. As final examination 1–4 for Arabic and English
5. Essay in Russian
6. Translation from and into Russian
7-8. Two of the following:
   (a) History of Russia from 1856*
   (b) The Russian Novel†
   (c) One other paper from the options listed for final examination 6–10 in Russian Studies.

   An oral examination in Arabic and an oral examination in Russian.

   In addition, candidates will be required to submit, not later than the end of the second term of their final year, an essay of 8,000–10,000 words on a subject which may relate to Arabic

* To be examined by two essays of 2,000–3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds and by one essay of 4,000–5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

† A 2-hour paper taken at the end of the second term of the penultimate year of study, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

or to Russian or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme.

Arabic and Spanish

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Spanish at A level.

PERIOD ABROAD

Candidates will normally be required to spend the second year of study in Egypt where they will attend an approved course of Arabic in an academic institution. In exceptional cases candidates may, with special permission of the Head of Department, attend Arabic courses in other institutions in the Middle East or North Africa. In addition candidates will be required to spend the third term of their third year following a course of study at an approved Spanish university. During their time abroad students will submit such written work as may be required by the two Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Arabic: As first-year examination 1 for Arabic and English
2. Spanish: An oral examination and written papers as follow:
   (a) Spanish language
   (b) Modern Spanish and Spanish-American literature (2-hour paper)
   (c) Latin-American geography (1½-hour paper)
   (d) *Either* Modern Latin-American history (1½-hour paper)
   or Contemporary Spanish history, politics and institutions (1½-hour paper)

The Spanish Department will require attendance at selected essay tutorials and seminars and the work done for these will be taken into account.

3. One other approved subject.

THIRD YEAR: PART I EXAMINATION

The examination will normally be held at the end of the second term of the third year.

1. Arabic: As second-year Part I examination 1 for Arabic and English.
2. Spanish:
   (a) The history of Spain to *c.* 1700 (2-hour paper: half-paper equivalent)*
   (b) Spanish literature to *c.* 1700 (2-hour paper: half-paper equivalent).*

In addition the Spanish Department will require students to attend fortnightly seminars and to present two essays of some 2,000 words each on prescribed topics. The marks obtained for these essays will be incorporated in the third-year examination results. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

FINAL EXAMINATION

1-4. As final examination 1-4 for Arabic and English
5. Translation into Spanish

* To be taken in March of the second year.

6. Translation from Spanish and essay in Spanish
7-8. Any two papers selected from the final-year examination papers 3-6 for Spanish.
An oral examination in Arabic and an oral examination in Spanish.

The Spanish Department will require candidates to present prescribed essays on topics related to their chosen courses and the marks obtained will be incorporated in the examination result. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

In addition, candidates will be required to submit an essay of 8,000–10,000 words on a subject which may relate to Arabic or Spanish or to some topic combining both these subjects. Essays relating to Arabic must be submitted not later than the end of the second term of the final year; essays relating to Spanish must be submitted not later than 1 December of the final year and essays relating to a topic combining both subjects must be submitted on a date agreed upon by both Departments. The title should be submitted for approval by the beginning of the third year of the scheme, to the Head of the relevant Department when the essay is written in one of the Departments and to both Heads of Department in the case of a combined topic.

Arabic and Theology

Four years including a year spent abroad

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including a foreign language at A level.

PERIOD ABROAD

Candidates will normally be required to spend the second year of study in Egypt where they will attend an approved course of Arabic in an academic institution. In exceptional cases candidates may, with special permission of the Head of Department, attend Arabic courses in other institutions in the Middle East or North Africa. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Arabic: As first year examination 1 for Arabic and English
2. Theology (three 2-hour papers):
   (a) Introduction to the Christian tradition
   (b) Introduction to religious studies
   (c) Introduction to biblical studies

In addition, prescribed essays written in relation to seminars and courses will be taken into account.

3. One other approved subject.

THIRD-YEAR: PART I FINAL EXAMINATION

Arabic: As third-year Part I examination 1 for Arabic and English.
Theology: New Testament

FOURTH-YEAR PART II FINAL EXAMINATION

1-4. As final examination 1-4 for Arabic and English
5. Christian theology
6. Old Testament IIC *or* Church history

7. Any other course currently taught in the Department of Theology and Religious Studies.*

An oral examination in Arabic.

Candidates may also be required to present themselves for an oral examination in Theology.

In addition, candidates will be required to submit by the end of the second term of their final year, an essay of 8,000-10,000 words on a subject which may relate to Arabic or to Theology or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme.

Arabic Studies

Four years including a year spent abroad.
Special emphasis will be placed on modern literary Arabic language and literature.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including a foreign language at A level.

PERIOD ABROAD

Candidates will normally be required to spend the second year of study in Egypt where they will attend an approved course of Arabic in an academic institution. In exceptional cases candidates may, with special permission of the Head of Department, attend Arabic courses in other institutions in the Middle East or North Africa. During their time abroad students will submit such written work as may be required by the Department. The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME OF STUDY

First Year
1. Grammar and translation
2. Language practice (oral/aural)
3. Arab history and culture to A.D. 1258
4. One other approved subject.

Third Year
1. Syntax and composition
2. Language practice (oral/aural)
3. Classical texts
4. Modern texts
5. Modern thought and culture
6. Modern history of the Middle East and North Africa

Fourth Year
1. Stylistics and composition
2. Language practice (oral/aural)

* At the direction of the Head of the Department of Theology and Religious Studies, optional subjects will be examined *either* by a 3-hour paper *or* by assessment of two or three essays totalling not more than 10,000 words, *or* by a 2-hour paper and an essay of 4,000–5,000 words. Essays must be submitted not later than the first day of the third term of the final year.

3. Modern texts
4. Poetry; modern thought and culture
5. Modern history of the Middle East and North Africa

FIRST-YEAR EXAMINATION

1. Grammar and translation
2. Unseen texts; history
3. Oral examination
4. One other approved subject.

THIRD-YEAR: PART I FINAL EXAMINATION

1. Syntax, composition and unseen texts
2. Prescribed texts and history
3. Oral examination.

Candidates must satisfy the examiners in the Part I examination before proceeding to further study. The standard attained will be taken into account in assessing the final degree results. A candidate who does not satisfy the examiners at the first attempt will not be eligible for the award of the degree with honours.

PART II FINAL EXAMINATION

1. Stylistics and composition
2. Prescribed texts
3. Unseen texts
4. Modern history of the Middle East and North Africa
5. Poetry and modern thought and culture
6. Prose translation
7. An extended essay of about 10,000 words on a topic within the fields of Arabic language, literature or history or another approved topic, to be submitted not later than the end of the second term of the final year. The topic must be submitted for approval by the Head of the Department by the end of the third term of the penultimate year.
8. Oral examination.

Chinese and English

Four years including a year abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English and a foreign language at A level.

PERIOD ABROAD

Candidates will be required to spend the second year of study in China or another Chinese-speaking country where they will pursue an approved course of study in an academic institution. During their time abroad students will submit such written work as may be required by the two Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Chinese:
   (a) Translation from Chinese into English

(b) Translation from English into Chinese
An aural/oral examination in Chinese.
(In addition, a non-examined survey of Chinese history from earliest times to the present day.)
2. English:
(a) Renaissance poetry
(b) Renaissance drama
3. One other approved subject.

THIRD-YEAR: PART I FINAL EXAMINATION

1. English Literature from Renaissance to Romantics
2. Shakespeare *or* Medieval Literature.

PART II FINAL EXAMINATION

1. Translation from Chinese into English
2. Chinese prose composition (1½-hour paper)
3. Prescribed Chinese texts (literature)
4. Prescribed Chinese texts (documents)
5. Chinese studies (institutions and history)
An aural/oral examination in Chinese.
6. English Literature from 1815 to the present
7. Special option (of which at least four will be offered in any year as determined by the School of English. See list of options and examination arrangements on page 310).
8. An essay of 8,000–10,000 words on a subject which may relate to Chinese or to English or to some topic combining both of these subjects. The essay must be submitted not later than the first day of the first term of the final year.

Chinese and French

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including French at A level.

PERIOD ABROAD

Candidates will be required to spend the second year of study in China or another Chinese-speaking territory where they will normally pursue an approved course of study in an academic institution. Candidates will also be required to spend the summer term of their third year following a course of study at a French-speaking university or institute of higher education. During their time abroad students will submit such written work as may be required by the two Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Chinese:
(a) Translation from Chinese into English
(b) Translation from English into Chinese
An aural/oral examination in Chinese.
(In addition, a non-examined survey of Chinese history from the earliest times to the present day.)
2. French: As first-year examination 2 for Arabic and French
3. One other approved subject.

THIRD-YEAR: PART I FINAL EXAMINATION

Candidates will be examined at the end of the second term of the third year in *two* of the following:

(a) Seventeenth-century French literature (1½-hour paper)
(b) Eighteenth-century French literature (1½-hour paper)
(c) History, structure and use of the French language (1½-hour paper)
(d) French history and institutions 1789–1851 (1½-hour paper)

PART II FINAL EXAMINATION

1. Translation from Chinese into English
2. Chinese prose composition (1½-hour paper)
3. Prescribed Chinese texts (literature)
4. Prescribed Chinese texts (documents)
5. Chinese studies (Chinese institutions and history)
6. A dissertation of not more than 8,000 words on a topic approved by the Head of the Department of Chinese Studies. Candidates will be required to submit the dissertation not later than the first day of the first term of the final year

An aural/oral examination in Chinese.

7-9. As final examination 5-7 for Arabic and French
10. Seventeenth-century French tragedy *or* Nineteenth-century French fiction *or* Modern poetry from Baudelaire to Valéry *or* Literature and politics in twentieth-century France *or* Contemporary French history and institutions.

An oral examination in French.

Chinese and German

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including German at A level.

PERIOD ABROAD

Candidates will normally be required to spend the second year of study in China or another Chinese-speaking territory where they will normally pursue an approved course of study in an academic institution. Candidates will also be required to spend the summer term of their third year at an approved German-speaking university.

The following alternative arrangements may be possible, if it is seen to be in the candidate's interest and adequate provision for study can be secured in a Chinese environment: the candidate would spend the third academic year in a German-speaking country, either as an English-speaking assistant in an educational establishment or in some other post approved by the Heads of both Departments, or, where such employment cannot be found, as a student (for one academic year or two semesters) at an approved German-speaking university. Under this arrangement the candidate will also spend the third term of the second year in a Chinese-speaking country or territory.

During their time abroad students will submit such written work as may be required by the two departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Chinese: As first-year examination 1 for Chinese and French
2. German: As first-year examination 2 for Arabic and German
3. One other approved subject.

THIRD-YEAR PART I FINAL EXAMINATION

The examination will normally be held at the end of the second term of the third year

German: as for Arabic and German

PART II FINAL EXAMINATION

Candidates will be required to submit, not later than the first day of the second term of their final year of study, an essay of 4,000–5,000 words on an approved subject taken from the field covered by their third-year seminar course in German. This essay will form part of the final examination.
1-5. As final examination, 1-5 for Chinese and French
An aural/oral examination in Chinese.
6-10. As final examination 5-9 for Arabic and German
An oral examination in German.
10. A dissertation of not more than 8,000 words on an approved subject which may relate to Chinese or to German or to some topic combining both these fields. The dissertation must be submitted not later than the first day of the first term of the final year.

Chinese and Linguistics

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including a foreign language at A level.

PERIOD ABROAD

Candidates will be required to spend the second academic year in China or another Chinese-speaking territory where they will normally pursue an approved course of study in an academic institution. During their time abroad students will submit such written work as may be required by the two Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Chinese: as first-year examination 1 for Chinese and French
2. Linguistics:
   (a) General phonetics
   (b) Chinese phonetics (1½-hour paper)
   (c) Language and linguistics

An oral examination in phonetics
3. One other approved subject

THIRD YEAR: PART I FINAL EXAMINATION

At the end of the third term of the third year candidates will be examined in Sociolinguistics and Stylistics: one 1½-hour paper. This paper constitutes Part I of the final examination for the degree, and the result is used in determining the class of degree awarded.

Students will be required to undertake a field project, the report on which shall be submitted to the Department of Linguistics and Phonetics at the beginning of the first term of the final year.

FOURTH YEAR: PART II FINAL EXAMINATION

1-5. As final examination 1-5 for Chinese and French
An aural/oral examination in Chinese
6. Linguistic theory and analysis
7. Linguistic and phonetic description of Chinese
8. Phonetics and phonology (including Language Teaching)
9. Phonetics of English (1½-hour paper)
10. Final year option in linguistics (1½-hour paper)
An oral examination in phonetics

In addition, candidates will be required to submit by the end of the first term of the final year an extended essay of up to 8,000 words on a subject approved by the Heads of the Departments concerned.

Chinese and Management Studies

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including a foreign language at A level; GCSE level Mathematics.

PERIOD ABROAD

Candidates will be required to spend the second year of study in China or another Chinese-speaking territory where they will normally pursue an approved course of study in an academic institution. During their time abroad students will submit such written work as may be required by the two Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Chinese:
   (a) Translation from Chinese into English
   (b) Translation from English into Chinese
An aural/oral examination in Chinese.
(In addition, a non-examined survey of Chinese history from the earliest times to the present day.)
2. Management Studies: Three papers as follows:
   (a) Organization studies C1 (2 hours)
   (b) Managerial economics C1 (2 hours)
   (c) Models for planning C1 (2 hours)
3. One other approved subject.

FINAL EXAMINATION

At the end of the third term of the third year candidates will be examined in Organization Studies C2, Management economics C2 and Models for control C2 (three 2-hour papers). These papers will form part of the final examination.
1. Translation from Chinese into English
2. Chinese prose composition (1½ hours)
3. Prescribed Chinese texts (literature)
4. Prescribed Chinese texts (documents)
5. Chinese Studies (Chinese institutions and history)
6. An extended essay of not more than 8,000 words on an approved topic within the fields

of Chinese or Management Studies or combining both subjects. Candidates will be required to submit the extended essay not later than the first day of the first term of the final year.
An aural/oral examination in Chinese.
7. Business policy C3.
8-9. Two papers selected from*
Advanced strategy C3
Financial management C3
Financial planning and control C3
Languages, cultures and international management C3
Management and work design C3
Management Research Methods C3
Marketing C3
Organization behaviour C3
Personnel Management C3
Political Economy of the Firm C3
Problem-solving in organizations — consulting skills C3
Production/Operations management C3
Project C3
Statistics in Business C3
Strategic Gaming C3
Theatre of Management C3

Chinese and Portuguese

Four years, including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including a foreign language at A level.

PERIOD ABROAD

Candidates will be required to spend the second year of study in China or another Chinese-speaking territory where they will normally pursue an approved course of study in an academic institution. Candidates will also be required to spend the summer term of their third year following a course of study at a Portuguese-speaking university or institute of higher education. During their time abroad students will submit such written work as may be required by the two Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Chinese:
(a) Translation from Chinese into English
(b) Translation from English into Chinese
An aural/oral examination in Chinese.
(In addition, a non-examined survey of Chinese history from the earliest times to the present day.)
2. Portuguese:
(a) Portuguese language
(b) Modern literature
An oral examination.

* Not all these courses will necessarily be available in any one year and approved courses may be added from time to time.

In addition, students will attend essay tutorials on literary appreciation, and the work done for these will be taken into account.
3. One other approved subject.

THIRD YEAR: PART I EXAMINATION

1. Nineteenth-century and twentieth-century Portuguese literature.

FINAL EXAMINATION

1. Translation from Chinese into English
2. Chinese prose composition (1½ hours)
3. Prescribed Chinese texts (literature)
4. Prescribed Chinese texts (prose)
5. Chinese studies (Chinese institutions and history)
6-8. Three of the following Portuguese options (1½ hour paper on each):
   (a) Early Portuguese literature (from 1985–86)
   (b) Renaissance drama and poetry (from 1985–86)
   (c) Machado de Assis
   (d) Twentieth-century Brazilian literature
   (e) Modern poetry
9. Portuguese writers in the Far East (1½ hours)
10. Translation from and into Portuguese
11. Essay in Portuguese
An aural/oral examination in Chinese and an oral examination in Portuguese.
12. An extended essay of not more than 8,000 words on an approved subject which may relate to Chinese or to Portuguese or to some topic concerning both these fields. The extended essay must be submitted not later than 1 December of the final year.

Chinese and Russian

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. In the case of Scheme 1, one of the A level passes should normally be in Russian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

TWO schemes of study are available.

Scheme 1, extending over four years, is for students possessing a previous knowledge of Russian.

PERIOD ABROAD

Candidates on Scheme 1 will be required to spend their second year of study in China or another Chinese-speaking territory, where they will normally pursue an approved course of study in an academic institution. Candidates will normally be required at an appropriate point in their scheme to spend a period of at least three months in the U.S.S.R., or a comparable period in an Eastern European country. During their time abroad students will submit such written work as may be required by the two Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

Scheme 2, extending over five years, is for students possessing little or no previous knowledge of Russian.

PERIOD ABROAD

Candidates on Scheme 2 will be required to spend their third year of study in China or another Chinese-speaking territory, where they will normally pursue an approved course of study in an academic institution. Candidates will normally be required at an appropriate point in their scheme to spend a period of at least three months in the U.S.S.R., or a comparable period in an Eastern European country. During their time abroad students will submit such written work as may be required by the two Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME 1

FIRST-YEAR EXAMINATION

1. Chinese: As first-year examination 1 for Chinese and French
2. Russian: As first-year examination 2 for Arabic and Russian
3. One other approved subject.

FINAL EXAMINATION

1-5. As final examination 1-5 for Chinese and French
An aural/oral examination in Chinese
6. Essay in Russian
7. Translation from and into Russian
8-9. Two of the following:
   (a) History of Russia from 1856*
   (b) The Russian novel†
   (c) One other paper from the options listed for final examination 6-10 in Russian Studies
An oral examination in Russian
10. An essay of 8,000–10,000 words on an approved subject which may relate to Chinese or to Russian or to some topic combining both these subjects, to be submitted not later than 1 May of the final year.

SCHEME 2

FIRST-YEAR EXAMINATION

An oral examination in Russian and four papers as follows:

1. Translation into Russian
2. Translation from Russian
3. Russian literature and prescribed texts
4. Soviet history and society (2-hour paper)

SECOND-YEAR EXAMINATION

1. Chinese: As first-year examination 1 for Chinese and French
2. Russian: As first-year examination 2 for Arabic and Russian
3. One other approved subject.

* To be examined by two essays of 2,000-3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds and by one essay of 4,000–5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

† A 2-hour paper taken at the end of the second term of the penultimate year of study, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

FINAL EXAMINATION

1-5. As final examination 1-5 for Chinese and French
An aural/oral examination in Chinese
6. Essay in Russian
7. Translation from and into Russian
8-9. Two of the following:
(a) History of Russia from 1856*
(b) The Russian novel†
(c) One other paper from the options listed for final examination 6-10 in Russian Studies
An oral examination in Russian
10. An essay of 8,000–10,000 words on an approved subject which may relate to Chinese or to Russian or to some topic combining both these subjects, to be submitted not later than 1 May of the final year.

Chinese and Spanish

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Spanish at A level.

PERIOD ABROAD

Candidates will be required to spend the second year of study in China or another Chinese-speaking territory where they will normally pursue an approved course of study in an academic institution. Candidates will also be required to spend the summer term of their third year following a course of study at Granada University or, exceptionally, at another Spanish university. During their time abroad students will submit such written work as may be required by the two Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Chinese
(a) Translation from Chinese into English
(b) Translation from English into Chinese
An aural/oral examination in Chinese.
(In addition, a non-examined survey of Chinese history from the earliest times to the present day.)
2. Spanish: As first-year examination 2 for Arabic and Spanish
3. One other approved subject.

THIRD YEAR: PART I EXAMINATION

(a) The history of Spain to *c.* 1700 (2-hour paper; half paper equivalent)‡
(b) Spanish literature to *c.* 1700 (2-hour paper; half paper equivalent).‡

* To be examined by two essays of 2,000–3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds and by one essay of 4,000–5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

† A 2-hour paper taken at the end of the second term of the penultimate year of study, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

‡ To be taken in March of the second year.

The Part I papers in Spanish will be taken in March. In addition the Spanish Department will require students to attend fortnightly seminars and to present two essays of some 2000 words each on prescribed topics. The marks obtained for these essays will be incorporated in the Part I examination results. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

FINAL EXAMINATION

1. Translation from Chinese into English
2. Chinese prose composition (1½ hours)
3. Prescribed Chinese texts (literature)
4. Prescribed Chinese texts (documents)
5. Chinese Studies (Chinese institutions and history)

An aural/oral examination in Chinese.

6. Translation into Spanish
7. Translation from Spanish and essay in Spanish
8-9. Any two papers selected from the final-year examination papers 3-6 for Spanish

An oral examination in Spanish.

In addition students will be required to present prescribed essays on topics related to their chosen courses in Spanish, and the marks obtained for these essays will be incorporated in the examination result. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

10. Candidates will be required to write an extended essay of about 8,000 words on an approved topic within the fields of Chinese or Spanish or combining both subjects. The closing date for the presentation of the extended essay will be 1 December of the final year.

Chinese Studies

A scheme of study extending over a period of four years including a year spent abroad and leading to the degree of Bachelor of Arts in Chinese Studies with economics, geography, history, politics, or sociology.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. In addition a language other than English at GCSE level is required.
For candidates taking economics, geography or sociology, mathematics at GCSE level is normally required.

PERIOD ABROAD

Candidates will be required to spend the second year of study in China or another Chinese-speaking territory where they will normally pursue an approved course of study in an academic institution. During their time abroad students will submit such written work as may be required by the two Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Translation from Chinese into English
2. Translation from English into Chinese
3. *Either* A survey of Chinese history from the earliest times to the present day
   or An introduction to Chinese culture

An oral/aural examination in Chinese

4. Papers, as follows, in one approved subject selected from:*

Economics:
(a) Economic studies 1 (one paper)
(b) Quantitative economic analysis 1 (one paper)
Geography (three papers)
History (two papers)
Politics
(a) Introduction to politics (one paper)†
(b) British government (one paper)†
Sociology (two papers).

FINAL EXAMINATION

Chinese
1. Translation
2. Chinese prose composition
3. Prescribed texts (literature)
4. Prescribed texts (documents)
5. Chinese studies (Chinese institutions and history)
6. Aural/oral examination

The approved second subject: four papers or paper equivalents (as prescribed)
Economics
Economic studies 2
Three subjects chosen from the Economic development of East Asia, *and* list B of the optional subjects in economics, approved by the Heads of both Departments.

Geography
China
Historical geography of Monsoon Asia
Four 1½-hour papers examining four courses selected from the following list.
Of these four courses, one, but not more than one, may comprise two half-courses (indicated); and either one or two may be physical courses (indicated). These papers constitute the equivalent of two full papers in the final examination.
Urban studies
Natural resources
Spatial economic systems and regional development
Third World issues and problems (half-course)
Contemporary rural change in Atlantic Europe (half-course)
Population studies (half-course)
Theories of rural change (half-course)
Biogeography (physical)

* In exceptional circumstances, and with the approval of the Head of the Department of Chinese Studies, some other first-year subject may be taken in place of those mentioned.

† Candidates may elect to substitute three essays of 2,000–3,000 words each, on topics approved by the Head of the Department of Politics, for one of these papers. Candidates who choose to be examined in this way must notify the Head of the Department of Politics, in writing, not later than the last day of the first term. In each case the essays must be submitted as follows:
The *first* not later than the first day of the second term
The *second* not later than the first day of the third term
The *third* not later than the first day of May/June examination period.
Candidates whose essays do not satisfy the examiners in June will not be allowed to be re-examined by this method in September or subsequently; re-examination, when allowed, will be by 3-hour papers.
Such substitution may be made provided that no more than three, three-hour examination papers are substituted by essays and provided that at least one examination in each subject area in the examination is assessed by a three-hour paper which has not been shown to students in advance.

Meteorology and hydrology (physical)
Geomorphology (physical)
Geography practical II. The course attended should be one of those listed for the B.A. degree in geography.

In the final examination in geography, candidates may be required to present themselves for an oral examination.

In the School of Geography tutorials ranging over the main lecture subjects will be held. Practical classes are held for all students in the first year. Project or essay work is an integral part of some courses in geography. In these courses candidates will be required to submit written reports or essays of not more 1,500 words by the first day of the third term of the year, for assessment as part of the examinations. Field-work in geography is an integral part of the degree scheme and may be tested in the examinations. In addition to local projects, all students must attend at least one field course, which will normally be held in a vacation.

History
One paper in East Asian history
One paper in a prescribed period of modern Chinese history
and two papers to be chosen with the approval of the Chairman of the School of History from the range of optional papers in British, European and world history for the scheme of study in history listed under Final Examination 1–4 (see page 136).

Politics
The Government and politics of China
Modern foreign governments and comparative government
Political and social theory
one of (a) Policy-making in Britain
(b) The social context of British policies
(c) Modern political doctrines
(d) Theories of the state, economy and society
(e) Politics and society in developing countries
(f) Contemporary international relations

Sociology
Approaches to sociological theory
Social Processes and Institutions I
Social Processes and Institutions II
Sociology of Chinese society

In addition, candidates will be required to submit by the first day of the first term of the final year an extended essay of 4,000–8,000 words on a subject approved by the Head of the Department of Chinese Studies.

Classical Civilization

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels.

FIRST-YEAR EXAMINATION

1. Greek literature in translation
2. Roman literature in translation

3. The ancient world
4. Greek *or* Latin language
5. Roman life
6. The prescribed examinations on an approved one-year course in another subject from outside the School of Classics.

A qualifying examination in the above subjects, which must normally be passed as a whole by candidates before they proceed to further study, will be held at the end of the first year.

FINAL EXAMINATION

This will be taken in two parts, Part I at the end of the second year and Part II at the end of the third year of the scheme. Candidates must satisfy the examiners in Part I before proceeding to the third year of the course, and they will not be eligible for the award of the degree with honours if they do not so satisfy the examiners at the first attempt. The two parts of the examination consist of the following papers:

Part I

1. Greek *or* Latin language
2. *Either* Greek history *or* Additional language (ie that not offered in 1).
3. *Either* Greek epic, together with Greek comedy or Greek philosophy, *or* Greek tragedy, together with Greek oratory or Greek historiography
4. *Either* Roman epic, together with Roman historiography or Roman satire, *or* Roman drama, together with Roman didactic poetry or Roman oratory.

Part II

5. That paper in 3. above not taken in the second year
6. That paper in 4. above not taken in the second year
7-9. *Three* from the following:
   (a) Roman republican history
   (b) Roman imperial history
   (c) Roman Britain
   (d) Further Greek language
   (e) Further Latin language
   (f) Greek and Roman art
   (g) An approved special subject
   (h) An essay of between 8,000 and 10,000 words on a topic approved by the Chairman of the School. The title must be submitted for approval before the end of the third term of the second year and the essay must be presented by 1 May of the final year.

With the permission of the Chairman of the School, a candidate may be allowed to substitute the prescribed examinations in the two-year course of another approved subsidiary subject for two of the above papers 2 and 7-9.

Classics

Four schemes of study, three extending over three years, one (Scheme D) over four years. In all four schemes Latin and Greek are studied throughout. Candidates wishing to take the four-year scheme (Scheme D) must enter the first year of Scheme B; on successful completion of the first year they may be permitted to transfer to Scheme D.

COURSE REQUIREMENT

For admission to Scheme A: Normally three A levels or two A levels with two AS levels, including Latin and Greek at A level.

For admission to Schemes B and D: Normally three A levels or two A levels with two AS levels, including Latin at A level.
For admission to Scheme C: Normally three A levels or two A levels with two AS levels, including Greek at A level; GCSE level Latin.

FIRST-YEAR EXAMINATION (SCHEMES A, B, C, D)

1. Greek
2. Latin
3. Another approved subject.

A qualifying examination in these subjects, which must normally be passed as a whole by candidates before they proceed to further study, will be held at the end of the first year. Candidates will be examined in Greek and Latin at a standard appropriate to their entrance qualification in those languages.

SCHEMES A AND B

SECOND YEAR: PART I EXAMINATION

1-2. Translation from Latin genres, with questions arising out of them (two 2-hour papers)
3. Latin prose composition (2-hour paper)
4. The Roman Empire in the early Principate (3-hour paper) *or* (Scheme A only) Imperialism in the 6th and 5th century Greek world (3-hour paper)

SCHEME D

SECOND YEAR: EXAMINATION

Greek:
1. Greek prose composition
2. Greek unprepared translation
3. Greek prescribed books
4. Greek history

These papers constitute a qualifying examination in Greek which must normally be passed by candidates before they proceed to further study.

Latin:
1-2. Translation from Latin genres, with questions arising out of them (two 2-hour papers)
3. Latin prose composition (2-hour paper)

Performance in these Latin papers will be taken into account in assessing the Latin component of the final examination.

SCHEME A

THIRD YEAR: FINAL EXAMINATION

1. Latin unprepared translation (3-hour paper)
2-3. Translation from Latin genres, with questions arising out of them (two 3-hour papers)
4. Latin general paper (translation and essays) (3-hour paper)
5. Special subject (3-hour paper)
6. Greek prose composition (3-hour paper)
7. Greek unprepared translation (3-hour paper)
8-9. Translation from Greek genres, with questions arising out of them (two 3-hour papers)
10. Greek general paper, including questions on literary criticism, language, metre and textual translation (3-hour paper).

Latin prose composition or Greek or Latin verse composition may be offered as an optional subject.

SCHEME B

THIRD YEAR: FINAL EXAMINATION

1. Latin unprepared translation (3-hour paper)
2-3. Translation from Latin genres, with questions arising out of them (two 3-hour papers)
4. Latin general paper I (translation) (3-hour paper)
5. Latin general paper II (essays) (3-hour paper)
6. Special subject (3-hour paper)
7. Greek unprepared translation (one paper)
8. Prescribed Greek authors (one paper)
9. Homer and Greek tragedy, studied in translation (one paper).

Latin prose or verse composition may be offered as an optional subject.

SCHEME C

THIRD YEAR: FINAL EXAMINATION

1. Translation from prescribed Greek genres, with questions arising out of them (two papers)
2. Translation from further Greek or Latin authors (one paper)
3. Greek general paper, including questions on literary criticism, antiquities, language, metre and textual transmission (one paper)
4. Greek unprepared translation (one paper)
5. Greek prose composition (one paper)
6. A period of Greek history studied in connection with the original authorities (one paper)
7. *Either* one (one 3-hour paper) *or* two (two 2-hour papers) of the following special subjects:
   (a) History of the Greek language
   (b) Outlines of Greek philosophy
   (c) An approved subject in Greek or Latin literature
   (d) Greek art and architecture
   (e) Greek sculpture or vase painting or epigraphy
   (f) A subject in Greek or Roman history
   (g) Such other subject as may be approved by the Chairman of the School
8. Latin prose composition and unprepared translation (3-hour paper)
9-10. Translation from prescribed Latin genres and authors (two 3-hour papers).

SCHEME D

THIRD YEAR: PART I EXAMINATION

1. Latin unprepared translation
2-3. Translation from Latin genres, with questions arising out of them (two 3-hour papers)
4. Latin general paper I (translation) (3-hour paper)
5. Latin general paper II (essays) (3-hour paper)
6. A period of Greek or Roman history (3-hour paper)

FOURTH YEAR: FINAL EXAMINATION

1. Special subject
2. Greek prose composition
3. Greek unprepared translation

4-5. Translation from Greek genres, with questions arising out of them (two 3-hour papers)
6. Greek general paper, including questions on literary criticism, language, metre and textual transmission
7. A 3-hour paper selected from papers 2, 3, 4, or 6 as prescribed for the third year of Scheme B.

Economic History

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

FIRST-YEAR EXAMINATION

Economic principles 1
Quantitative techniques in economics
English economic history 1066-1750
British economic history 1750-1914
One of the following:
History (two papers)
Politics (two papers)
Sociology (two papers)
Social policy and administration (two papers)
The appropriate examinations for another subject approved by the Chairman of the School.

This qualifying examination at the end of the first year must normally be passed by candidates before they proceed to further study.

FINAL EXAMINATION

1. Economics of growth, distribution and development
2. *One* of the following:
   Applied Economics
   Economics of industry
   Labour economics
   Comparative economic systems and economic development
   Industrial relations and trade union history
   Marxist economic theory
3. British economy in the twentieth century
4. Economic history of the United States since 1783
5. Themes in economic history

By the end of the vacation following each term of the second year each candidate will present for examination a long essay (of about 2,500 words) on a topic to be determined by the examiners from the subjects studied in the preceding term.

6. Historical statistics and sources.

By the end of the vacation following each term of the second year each candidate will present for examination a project report based on historical sources material. Each project report will be of not more than 3,000 words, and will be on a topic to be determined by the examiners from the subjects studied in the preceding term.

7-8. Optional period or topic (two papers, for one of which a dissertation of 6,000–8,000 words, related to the subject of the course, may be required by the Chairman of the School. This requirement will be notified to the candidate at the end of the second year of study. The dissertation must be submitted for assessment not later than the first day of the third term of the final year.)
9. A further optional period or topic (one paper)

Economic History and Geography

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

FIRST-YEAR EXAMINATION

1. Economic history:
   (a) Economic principles 1
   (b) English economic history 1066-1750
   (c) British economic history 1750-1914
2. Geography:
   (a) *Two* half courses chosen from:
   Historical geography *or*
   Urbanization processes *or*
   Environmental science
   (b) Environmental processes
   (c) Geographical analysis — systems, location and resources
   (d) Geography Practical I — to be examined by continuous assessment
3. One other approved subject.

FINAL EXAMINATION

1. Historical analysis of settlement in Britain
2-3. *Four* 1½-hour papers examining four courses selected from the following list. Of these four courses, one, but not more than one, may comprise two half-courses (indicated); and either one or two may be physical courses (indicated). These four papers constitute the equivalent of two full papers in the final examination.
   Urban studies
   Natural resources
   Spatial economic systems and regional development
   Third World issues and problems (half-course)
   Contemporary rural change in Atlantic Europe (half-course)
   Population studies (half-course)
   Theories of rural change (half-course)
   Environmental change (physical)
   Climate and biogeography (physical)
   Catchment dynamics (physical)
   Geography practical II. The course attended should be one of those listed for the B.A. degree in geography.
4. *One* paper selected from:*
   Urban and regional modelling and planning theory
   Resource studies
   Urban planning and development
   Photogrammetric mapping and remote sensing of the environment
   Spatial population analysis and policy
   Regional analysis and planning
   The geography of public services
   China
   Latin America
   U.S.S.R.
   Approaches in human geography (provided that the course has been attended in both second and third years).

* For this course, with the approval of the Chairman of the School of Geography, a candidate may substitute a lecture course from the BSc scheme of study.

5. Economics of growth, distribution and development
6. British economy in the twentieth century
7. Economic history of the United States since 1783
8. Optional period or topic in economic history
9. *Either* An additional optional period or topic in economic history
   or another paper in geography normally available to third-year single-subject students in geography, to be chosen with the approval of the Chairman of the School of Geography
   or a dissertation of 6,000–8,000 words related to the subjects of the optional course in 8
   or a dissertation of about 8,000 words on a topic in geography, approved by the chairman of the School, to be presented by 1 May in the final year. Candidates must commit themselves to writing a dissertation not later than the beginning of the session in which the work is to be submitted.

In the final examination in geography, candidates may be required to present themselves for an oral examination.

In the School of Geography tutorials ranging over the main lecture subjects will be held. Practical classes are held for all students in the first year. Project or essay work is an integral part of some courses in geography. In these courses candidates will be required to submit written reports or essays of not more than 1,500 words by the first day of the third term of the year, for assessment as part of the examinations. Field-work in geography is an integral part of the degree course and may be tested in the examinations. In addition to local projects, all students must attend at least one field course, which will normally be held in a vacation.

Economics

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

SCHEME OF STUDY

First Year

1. Economic principles 1
2. Economic institutions
3. Britain and the international economy after 1870
4. *Either* Mathematics for economists *or* Mathematics 1*
5. Introduction to industrial relations *or* Accounting 1 *or* Statistics 1.†
6. Tutorials and/or classes up to three hours per week in the above subjects
7. *One* of the following subsidiary courses

Law‡
Mathematics
Philosophy
Politics
Social policy and administration
Sociology
or another course approved by the Chairman of the School

* Candidates with a pass in mathematics at Advanced level will normally take Mathematics 1.
† Candidates may choose Statistics 1 only if they also take Mathematics.
‡ Subject to availability.

Second Year

1. Economic principles 2
2. Applied economics
3. Statistics for economists *or* Mathematics and statistics 2*
4. One course chosen from list A
5. Tutorials and/or classes up to three hours per week in the above subjects

Third Year

1. Four courses selected from lists A, B, C and D of which normally at least one must be from B and not more than one from A subject to the approval of the Chairman of the School.†
2. Introduction to applied econometrics

FIRST-YEAR EXAMINATION

1. Economic principles 1
2. Economic institutions
3. Britain and the international economy after 1870
4. One paper in *either* mathematics for economists *or* mathematics 1
5. One paper in Introduction to industrial relations *or* Accounting 1 *or* Statistics 1.
6. *One* of the following:
   Law (one paper)
   Mathematics (two papers)
   Philosophy (two papers)
   Politics (two papers)
   Social policy and administration (two papers)
   Sociology (two papers)
   The appropriate examinations for another subject approved by the Chairman of the School.

This qualifying examination at the end of the first year must normally be passed by candidates before they proceed to further study.

FINAL EXAMINATION

This will be taken in two parts, Part I at the end of the second year and Part II at the end of the third year of the scheme. Candidates must satisfy the examiners in Part I before proceeding to the third year of the course, and they will not be eligible for the award of the degree with honours if they do not so satisfy the examiners at the first attempt. The two parts of the examination consist of the following papers:

Part 1

1. Economic principles 2
2. Applied economics
3. One paper in Statistics for economists *or* Mathematics and Statistics 2 *or* in a subject chosen from list A *or* in Computers and the analysis of data
4. One paper in a subject chosen from list A.

Part 2

1-4. Four subjects chosen and assessed in the prescribed way from lists A, B, C and D†
5. Introduction to applied econometrics.

* Candidates who attended Mathematics for economists during the first year must take Statistics for economists. Candidates who attended Statistics 1 during the first year are not allowed to choose Statistics for economists but may choose either a second course from list A or Computers and the analysis of data (see list C) as an alternative to Mathematics and Statistics 2. If a second course from list A is chosen, students cannot then select a further list A course in their third year.

† For details of lists A, B, C and D, see pages 306–309.

Economics and Accounting*

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

SCHEME OF STUDY

First Year

1. Economic principles 1
2. Accounting 1
3. Mathematics 1
4. Statistics 1
5. Data processing 1
6. Tutorials and/or classes up to three hours per week in the above subjects
7. Law

Second Year

1. Economic principles 2
2. Management accounting 2
3. Financial accounting 2
4. Business finance 2
5. Mathematics and statistics 2
6. Tutorials and/or classes up to three hours per week in the above subjects

Third Year

1. Management accounting 3
2. Financial accounting 3
3. Taxation and *either* Business finance 3† *or* International financial management†
4. One course chosen from list E‡

FIRST-YEAR EXAMINATIONS

1. Economic principles 1
2. Accounting 1
3. Mathematics 1
4. Statistics 1
5. One paper in *either* Economic institutions *or* Introduction to industrial relations *or* Britain and the international economy after 1870
6. Law (one paper)

The qualifying examination at the end of the first year must normally be passed by candidates before they proceed to further study.

FINAL EXAMINATION

This will be taken in two parts, Part 1 at the end of the second year and Part 2 at the end of the third year of the course. Candidates must satisfy the examiners in Part 1 before proceeding to the third year of the course and they will not be eligible for the award of the degree with honours if they do not so satisfy the examiners at the first attempt. The two parts of the examination consist of the following papers:

Part 1

1. Economic principles 2

* The professional accounting bodies offer exemptions to students holding certain approved degrees. Any student who requires advice or assistance about exemptions should consult Mr K N Field.

† At least one of these courses will be available each year.

‡ For details of list E, see page 309.

2. Management accounting 2
3. Financial accounting 2
4. Business finance 2
5. Mathematics and statistics 2

Part 2

1. Management accounting 3
2. Financial accounting 3
3. One paper in Taxation and *either* Business finance 3* *or* International financial management*
4. One paper in a subject chosen from list E.

Economics and Econometrics

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. A level or GCSE level Mathematics.

SCHEME OF STUDY

First Year

1. Economic principles 1
2. Economic institutions
3. Mathematics 1
4. Statistics 1
5. *Either* Accounting 1 *or* Introduction to industrial relations *or* Britain and the international economy after 1870
6. Tutorials and/or classes up to three hours per week in the above subjects
7. *One* of the following subsidiary courses:
   Law†
   Mathematics
   Philosophy
   Politics
   Social policy and administration
   Sociology
   or another course approved by the Chairman of the School.

Second Year

1. Economic principles 2
2. Applied economics
3. Mathematics and statistics 2
4. *Either* one course chosen from list A *or* Computers and the analysis of data (see list C)
5. Tutorials and/or classes up to three hours per week in the above subjects.

Third Year

1. Econometrics
2. Applied econometrics
3. Three courses from lists A, B, C and D (excluding econometrics) of which at least one must be from B and at least one from D.‡

* At least one of these courses will be available each year.

† Subject to availability.

‡ For details of lists A, B, C and D, see pages 306–309.

FIRST-YEAR EXAMINATION

1. Economic principles 1
2. Economic institutions
3. Mathematics 1
4. Statistics 1
5. One paper in *either* Accounting 1 *or* Introduction to industrial relations *or* Britain and the international economy after 1870
6. *One* of the following:
   Law (one paper)
   Mathematics (two papers)
   Philosophy (two papers)
   Politics (two papers)
   Social policy and administration (two papers)
   The appropriate examinations for another subject approved by the Chairman of the School.

This qualifying examination at the end of the first year must normally be passed by candidates before they proceed to further study.

FINAL EXAMINATION

This will be taken in two parts, Part 1 at the end of the second year and Part 2 at the end of the third year of the course. Candidates must satisfy the examiners in Part 1 before proceeding to the third year of the course and they will not be eligible for the award of the degree with honours if they do not so satisfy the examiners at the first attempt. The two parts of the examination consist of the following papers:

Part 1

1. Economic principles 2
2. Applied economics
3. Mathematics and statistics 2
4. One paper in *either* a subject chosen from list A *or* Computers and the analysis of data

Part 2

1. Econometrics
2. Applied econometrics
3-5. Three subjects chosen and assessed in the prescribed way from lists A, B, C and D.*

Economics and Economic History

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

FIRST-YEAR EXAMINATION

1. Economic principles 1
2. Quantitative techniques in economics
3. *Either* Economic institutions *or* Britain and the international economy after 1870
4. English economic history 1066-1750
5. British economic history 1750-1914
6. *One* of the following:
   History (two papers)
   Politics (two papers)
   Sociology (two papers)

‡ For details of lists A, B, C and D, see pages 306–309.

Social policy and administration (two papers)
the appropriate examination for another subject approved by the Chairman of the School.

This qualifying examination at the end of the first year must normally be passed by candidates before they proceed to further study.

FINAL EXAMINATION

1. Economic principles 2
2. Applied economics
3-4. One paper in each of two courses chosen from lists A, B and C of optional subjects in economics*
5. British economy in the twentieth century
6. Economic history of the United States since 1783
7. *Either* Historical statistics and sources
   By the end of the vacation following each term of the second year each candidate will present for examination a project report based on historical source material. Each project report will be of not more than 3,000 words, and will be on a topic to be determined by the examiners from the subjects studied in the preceding term
   or Theme in economic history
   By the end of the vacation following each term of the second year each candidate will present for examination a long essay (of about 2,500 words) on a topic to be determined by the examiners from the subjects studied in the preceding term.
8. An optional period or topic in economic history
9. An additional course chosen from lists A, B and C of optional subjects in economics.*
   or an additional optional period or topic in economic history
   or a dissertation of 6,000–8,000 words related to the subject of the optional period or topic in economic history.

Economics and Geography

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Geography at A level; GCSE level Mathematics.

FIRST-YEAR EXAMINATION

1. Economics:
   (a) Economic principles 1
   (b) Quantitative techniques in economics
   (c) *Either* Economic institutions *or* Britain and the international economy after 1870
2. Geography: As first-year examination 2 for Economic History and Geography
3. One other approved subject.

FINAL EXAMINATION

This will be taken in two parts, Part I at the end of the second year and Part II at the end of the third year of the scheme. Candidates must satisfy the examiners in Part I before proceeding to the third year of the course, and they will not be eligible for the award of the degree with honours if they do not satisfy the examiners at the first attempt. The two parts of the examination consist of the following papers:

* Excluding British economy in the twentieth century, Economic history of the United States since 1783, and courses which are also optional components of the degree of B.A. Economic History.

Part I

Economics:
1. Economics Principles 2
2. Applied Economics

Geography:
Four 1½-hour papers examining four courses selected from the following list. Of these four courses one, but not more than one, may comprise two half-courses (indicated) and either one or two may be physical courses (indicated). These four papers constitute the equivalent of two full papers in the final examination.

Urban studies
Natural resources
Spatial economic systems and regional development
Third World issues and problems (half-course)
Contemporary rural change in Atlantic Europe (half-course)
Population studies (half-course)
Theories of rural change (half-course)
Environmental change (physical)
Climate and biogeography (physical)
Catchment dynamics (physical)
Geography practical II. The course attended should be one of those listed for the BA degree in Geography

Part II

1-2. Two subjects chosen and assessed in the prescribed way from lists A, B and C of optional subjects in economics.
3-4. Two papers selected from:*

Urban and regional modelling and planning theory
Resource studies (one or two papers)
Historical analysis of settlement in Britain
Urban planning and development
Photogrammetric mapping and remote sensing of the environment
Spatial population analysis and policy
Regional analysis and planning
The geography of public services
China
Latin America
USSR
Approaches in human geography (provided that the course has been attended in both second and third years).

5. One subject chosen and assessed in the prescribed way from lists A, B and C of optional subjects in Economics
or another paper in geography normally available to third-year single-subject students in geography, to be chosen with the approval of the Chairman of the School of Geography *or* a dissertation of about 8,000 words on a topic in geography, approved by the Chairman of the School, to be presented by 1 May in the final year. Candidates must commit themselves to writing a dissertation not later than the beginning of the session in which the work is to be submitted.

* Not all these courses will necessarily be available in any one year and new courses may be added from time to time. For one of these courses, with the approval of the Chairman of the School of Geography, a candidate may substitute a lecture course from the B.Sc. scheme of study.

In the final examination in geography, candidates may be required to present themselves for an oral examination.

In the School of Geography tutorials ranging over the main lecture subjects will be held. Practical classes are held for all students in the first year. Project or essay work is an integral part of some courses in geography. In these courses candidates will be required to submit written reports or essays of not more than 1,500 words by the first day of the third term of the year, for assessment as part of the examinations. Field-work in geography is an integral part of the degree course and may be tested in examinations. In addition to local projects, all students must attend at least one field course, which will normally be held in a vacation.

Economics and History

From the outset of their studies candidates choose between two options, A or B

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

OPTION A

FIRST-YEAR EXAMINATION

1. Economics:
   (a) Economic principles 1
   (b) Quantitative techniques in economics
   (c) *Either* Economic institutions
   or Britain and the international economy after 1870
2. History: two papers selected with the approval of the Chairman of the School of History from the following:
   (a) The ancient world
   (b) Medieval Europe
   (c) Early modern Europe: the making of the modern State, *c.* 1450–*c.* 1789
   (d) The making of the modern world
3. One other approved subject.

FINAL EXAMINATION

1. Economic principles 2
2. Applied economics

3-4. Two subjects chosen and assessed in the prescribed way from lists A, B and C of optional subjects in economics

5-6. *Two* of the following papers in English history:
   (a) from the earliest times to 1042
   (b) from 1042–1460
   (c) from 1460–1642
   (d) from 1642–1789
   (e) from 1790

7. The evolution of modern America

8. One of the papers listed under 2, 3 and 4* in the scheme of study for History or a third paper in English history

9. *Either* one subject chosen and assessed in the prescribed way from lists A, B and C of optional subjects in economics
   or a special period or topic in history†

* Not all the subjects will necessarily be offered each year, and the list may be varied from time to time.

† Candidates who offer a special topic in history may, with the permission of the Chairman of the School, offer a second paper in the subject in lieu of the paper required under 8.

OPTION B

FIRST-YEAR EXAMINATION

1. Economics:
   (a) Economic principles 1
   (b) English economic history 1066-1750
   (c) British economic history 1750-1914
2. History: two papers selected with the approval of the Chairman of the School of History from the following:
   (a) The ancient world
   (b) Medieval Europe
   (c) Early modern Europe: the making of the modern State, *c.* 1450–*c.* 1789
   (d) The making of the modern world
3. One other approved subject.

FINAL EXAMINATION

1. The British economy in the twentieth century
2. Economic history of the United States since 1783
3. Economics of growth, distribution and development
4. Optional period or topic in economic history

5-6. *Two* of the following papers in English history:
   (a) from the earliest times to 1042
   (b) from 1042–1460
   (c) from 1460–1642
   (d) from 1642–1789
   (e) from 1790

7. The evolution of modern America
8. One of the papers listed under 2, 3 and 4* in the scheme of study for History or a third paper in English history
9. *Either* a dissertation of from 6,000 to 8,000 words related to the subject of the optional course in 4
   or an additional optional period or topic in economic history
   or a special period or topic in history†

Economics and Industrial Relations

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

SCHEME OF STUDY

First Year

1. Economic principles 1
2. Economic institutions
3. British economic history 1750-1914
4. Introduction to industrial relations
5. Quantitative techniques in economics
6. Tutorials and/or classes up to three hours per week in the above subjects
7. Introduction to Sociology II *and* Introduction to politics.

* Not all the subjects will necessarily be offered each year, and the list may be varied from time to time.

† Candidates who offer a special topic in history may, with the permission of the Chairman of the School, offer a second paper in the subject in lieu of the paper required under 8.

Second Year

1. Economic principles 2
2. Applied economics
3. Labour economics 2
4. Industrial relations and trade union history
5. Social processes and institutions 1
   or Modern political doctrines
   or Theories of the state, economy and society
6. Tutorials and/or classes up to three hours per week in the above subjects.

Third Year

1. Contemporary labour problems and policies
2. Theories of labour relations
3. Two courses selected with the approval of the Chairman of the School from the subjects in list C in the field of industrial relations, or in related areas, from subjects in lists A, B or C.

FIRST-YEAR EXAMINATION

1. Economic principles 1
2. Economic institutions
3. British economic history 1750-1914
4. Introduction to industrial relations
5. Quantitative techniques in economics
6. Introduction to Sociology 2 (one paper) and Introduction to politics (one paper)

This qualifying examination at the end of the first year must normally be passed by candidates before they proceed to further study.

FINAL EXAMINATION

This will be taken in two parts, Part 1 at the end of the second year and Part 2 at the end of the third year of the course. Candidates must satisfy the examiners in Part 1 before proceeding to the third year of the course and they will not be eligible for the award of the degree with honours if they do not so satisfy the examiners at the first attempt. The two parts of the examination consist of the following papers

Part 1

1. Economic principles 2
2. Applied economics
3. Labour economics 2
4. Industrial relations and trade union history
5. One paper in Social processes and institutions 1 *or* Modern political doctrines *or* theories of the state, economy and society.

Part 2

1. Contemporary labour problems and policies: a dissertation of about 8,000 words on a topic approved in writing by the Chairman of the School of Economic Studies
2. Theories of labour relations

3-4. One paper in each of the two subjects chosen in the prescribed way from lists A, B or C.

Economics and Management Studies

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics Grade B.

FIRST-YEAR EXAMINATION

1. Economics: As first-year examination 1 for Economics and Geography
2. Management Studies: As first-year examination 2 for French and Management Studies
3. The appropriate examinations in one other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

Economics:
1. Economic principles 2
2. Applied economics

Management Studies:
1. Organisation studies C2 (2 hours)
2. Management economics C2 (2 hours)
3. Models for control C2 (2 hours)

THIRD YEAR: PART II FINAL EXAMINATION

1-2. One paper in each of two subjects chosen from lists A, B and C of optional subjects in economics
3. Business policy C3
4. One paper in a further course chosen from the list of options in Management Studies C3
5. One paper in *either* an additional course chosen from among lists A, B and C of optional subjects in economics *or* another course chosen from the list of options in Management Studies C3.

Economics and Philosophy

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of Philosophy.

FIRST-YEAR EXAMINATION

1. Economics: As first-year examination 1 for Economics and Geography
2. Philosophy: As first-year examination 4 for Economics and Politics
3. The appropriate examinations in another approved subject selected from those offered in the Faculty of Arts or the Faculty of Economic and Social Studies.

SECOND YEAR: PART I FINAL EXAMINATION

Economics:
1. Economic principles 2
2. Applied economics

Philosophy:
1. History of modern philosophy *or* History of ancient and medieval philosophy
2. Ethics *or* Political and social philosophy.

THIRD YEAR: PART II FINAL EXAMINATION

1-2. Two papers chosen from the lists A, B and C of optional papers in economics.
3. Philosophical problems *or* Philosophical logic
(Candidates who wish to take Philosophical logic must have attended a course in Formal logic during their second year).
4. A paper not already taken to be chosen with the approval of the Head of the

Department of Philosophy from the lists of papers for the Part I and Part II examinations for the degree of B.A. in Philosophy, including the papers on the bridge and special subjects listed.*
5. *Either* an additional paper chosen from lists A, B and C of optional papers in Economics;
or another paper not already taken chosen with the approval of the Head of the Department of Philosophy from the lists of papers for the Part I and Part II examinations for the degree of B.A. in Philosophy, including the papers on the bridge and special subjects listed;*
or a long essay of 8,000–10,000 words on a philosophical topic approved by the Head of the Department of Philosophy. The topic of this essay must be proposed and approved by the beginning of the final year, and the essay must be submitted no later than the first day of the third term of the final year.
Candidates may also be required to present themselves for an oral examination in Philosophy.

Economics and Politics

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

SCHEME OF STUDY

First Year

Candidates will take *three* subjects as follows:
1. Economics
2. Politics
3. *One* of geography, philosophy, social policy and administration, sociology, history, an approved foreign language.
In exceptional circumstances another subject chosen with the approval of the Head of the Department of Politics and the Chairman of the School of Economic Studies may be allowed in lieu of those listed in 3 above.

FIRST-YEAR EXAMINATION

A qualifying examination in each of the three subjects taken, which must normally be passed by candidates before they proceed to further study, will be held at the end of the first year. The papers in each subject will be:
1. Economics:
   (a) Economic principles 1
   (b) Quantitative techniques in economics
   (c) *Either* Economic institutions *or*
   Britain and the international economy after 1870 *or*
   Introduction to industrial relations

* When the paper taken is a bridge or special subject in Philosophy, then with the permission of the Head of the Department of Philosophy, two essays of not more than 5,000 words each on approved topics within the area covered by the chosen paper may be submitted not later than the first day of the third term of the final year, in place of a 3-hour examination paper. The decision as to whether a candidate is to sit a 3-hour paper or submit two essays must be made by 1 December in the final year.

2. Politics:
   (a) Introduction to politics*
   (b) British government
3. Geography: As first-year examination 2 for Economic History and Geography
4. Philosophy:
   (a) Introduction to philosophy: candidates will submit two essays of approximately 1,500 words each on topics approved by the Head of the Department. The essays must be submitted by 4 p.m. on the fourth Monday of the summer term. In the event of a candidate's not satisfying the examiners and being granted the facility of a further examination either in September or subsequently, the further examination will be by a 3-hour paper
   (b) Reason and argument (2-hour paper)
   (c) Prescribed essays and exercises for the courses Introduction to philosophy and Reason and argument will also be taken into account.
5. History: As first-year examination 2 for Economics and History
6. Social policy and administration:
   (a) Introduction to social policy and administration†
   (b) Foundations of social policy
7. Sociology:
   (a) Introduction to sociology I‡
   (b) Introduction to sociology II‡
8. The required papers in an approved foreign language or another approved subject

* Candidates may elect to substitute three essays of 2,000–3,000 words each, on topics approved by the Head of the Department of Politics, for this paper. Candidates who choose to be examined in this way must notify the Head of the Department of Politics, in writing, not later than the last day of the first term. The essays must be submitted as follows:
The *first* not later than the first day of the second term
The *second* not later than the first day of the third term
The *third* not later than the first day of May/June examination period.
Candidates whose essays do not satisfy the examiners in June will not be allowed to be re-examined by this method in September or subsequently; re-examination, when allowed, will be by 3-hour papers.
Such substitution may be made provided that no more than three, three-hour examination papers are substituted by essays and provided that at least one examination in each subject area in the examination is assessed by a three-hour paper which has not been shown to students in advance.

† Candidates may elect to substitute three essays of between 2,000 and 3,000 words each, on topics approved by the Head of the Department of Social Policy and Sociology, for this paper. Candidates who choose to be examined in this way must notify the Head of the Department of Social Policy and Sociology in writing not later than the last day of the first term. The essays must be submitted as follows:
The *first* not later than the first day of the second term.
The *second* not later than the first day of the third term.
The *third* not later than the first day of the May–June examination period.
Candidates whose essays do not satisfy the examiners in June will not be allowed to be re-examined by this method in September or subsequently; re-examination when allowed will be by a 3-hour paper.
Such substitution may be made provided that no more than three, three-hour examination papers are substituted by essays and provided that at least one examination in each subject area in the examination is assessed by a three-hour paper which has not been shown to students in advance.

‡ Candidates may substitute essays for one of these papers. For each paper three essays of 2,000–3,000 words, on topics approved by the Head of the Department of Social Policy and Sociology, will be required. Candidates who choose to be examined in this way must notify the Head of the Department of Social Policy and Sociology in writing not later than the last day of the first term of the first year.
Essays replacing each paper must be submitted as follows:
The *first* not later than the first day of the second term.
The *second* not later than the first day of the third term.
The *third* not later than two weeks before the start of the May–June examinations.
Such substitution may be made provided that no more than three, three-hour examination papers are substituted by essays and provided that at least one examination in each subject area in the examination is assessed by a three-hour paper which has not been shown to students in advance.
Candidates whose essays do not satisfy the examiners in June will not be allowed to be re-examined by this method in September or thereafter; re-examination when allowed will be by 3-hour papers.

Second and Third Years

1. Economic principles 2
2. Applied economics
3. One paper on a subject chosen from list A of optional subjects in economics
4. Modern foreign governments and comparative government *
5. Political and social theory †
6. *One* of:
   (a) Policy-making in Britain
   (b) The social context of British politics
   (c) Modern political doctrines
   (d) Theories of the state, economy and society
   (e) Politics and society in developing countries
   (f) Contemporary international politics

Plus *three* chosen from among lists A, B and C of optional subjects in economics and the optional courses in politics, with the approval of the Head of the Department of Politics and Chairman of the School of Economic Studies.

FINAL EXAMINATION

The final examination will consist of *nine* papers or paper equivalents (as prescribed). The papers will be taken at the end of the third academic year, in the second and third-year courses.

Candidates who so elect must apply in writing for permission to be examined by essay(s) not later than the first day of the third term of the second year. Each topic must be approved by the Head of the Department of Politics, and the essay(s) must be submitted not later than the first day of the first term of the final year.
With the approval of the Head of the Department of Politics and the Chairman of the School of Economic Studies candidates may also substitute an essay of 5,000–8,000 words for each of the papers in not more than *two* additional courses in politics. The length of the essay(s) and other conditions governing this method of examination will be the same as are prescribed in the regulations for the B.A. in political studies.

Economics and Politics with American Studies

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

PERIOD ABROAD

Candidates will be required to spend the third year of study in the United States following an approved course of study in Economics, Politics and suitable related subjects at an appropriate American university. The cost of residence abroad is not included in the normal fee for an arts scheme. The student will be assessed by the American university in their normal way, and the results and reports forwarded to Leeds. The marks obtained from this assessment will be taken into account when determining the candidate's final degree classification.

* With the approval of the Head of the Department of Politics, candidates may substitute an essay of 5000–8000 words, or three essays of 2000–3000 words each for this paper.
† The examination paper for this course will be made available to students 3 weeks before the scheduled examination date.

SCHEME OF STUDY

FIRST YEAR

As for Economics and Politics first year

SECOND YEAR

1. Economic principles 2
2. Applied economics
3. American economic history since 1783
4. Modern foreign governments and comparative government (United States component compulsory)*
5. Political and social theory†

FOURTH YEAR

1. *Economics* One course chosen from List A of optional subjects in Economics
2. *Politics* One course chosen from list of optional courses in Politics
3. *American Studies* One course chosen from List 1 of optional subjects in American Studies
4. One further course chosen from Lists A, B, or C in Economics, *or* the lists of optional courses in Politics, *or* List 1 in American Studies.

List 1 in American Studies

Economic History of the Atlantic Economy, 1783–1960
American Government
American Political Thought
The Evolution of Modern America

Suitable alternative special subjects with substantial American content available in other departments may be taken with the permission of the Head of the Department of Politics and the Chairman of the School of Economic Studies. These should normally be in the general disciplinary area of the subsidiary subjects taken in the first year in Leeds, and/or the third year in the United States.

EXAMINATIONS

FIRST YEAR EXAMINATION

As for Economics and Politics first year examination

FINAL EXAMINATION

The final examination will consist of nine papers or paper equivalents (as prescribed). The papers will be taken at the end of the fourth academic year, in the second and fourth-year courses.

Economics and Russian

Schemes of study extending over a period of four years (Scheme 2) or four years including a year abroad (Scheme 1).

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics. In

* With the approval of the Head of the Department of Politics candidates may substitute an essay of 5000–8000 words, or three essays of 2000–3000 words each for this paper.

† The examination paper for this course will be made available to students 3 weeks before the scheduled examination date.

the case of Scheme 1 one of the A level passes should normally be in Russian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

PERIOD ABROAD

Scheme 1. Candidates will normally be required to spend the third year of study in the USSR, or in an East European country, or in a Russian-speaking environment. The cost of residence abroad is not included in the normal fee for an arts scheme.

Scheme 2. Candidates will normally be required to spend a period of not less than three months in the USSR or a comparable period in an East European country at an appropriate point in the scheme. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION FOR SCHEME 2

An oral examination in Russian and four papers as follows:

1. Translation into Russian
2. Translation from Russian
3. Russian literature and prescribed texts
4. Soviet history and society (2-hour paper)

SECOND-YEAR EXAMINATION FOR SCHEME 2, FIRST-YEAR EXAMINATION FOR SCHEME 1

1. Economics: three papers as follows:
   (a) Economic principles 1
   (b) Quantitative techniques in economics
   (c) Britain and the international economy after 1870 *or* Economic institutions
2. Russian: an oral examination and the following papers:
   (a) Translation into Russian and essay in Russian
   (b) Translation from Russian (2-hour paper)
   (c) Aural (1½-hour paper)
   (d) Outline of Russian history to 1856 (candidates whose course work in Russian history is satisfactory may be excused the degree examination in this course)
3. One other approved subject selected from those offered in the Faculty of Arts or the Faculty of Economic and Social Studies.

FINAL EXAMINATION FOR SCHEME 2

1. Economic principles 2
2. Applied economics
3. One paper from list A
4. One paper from lists A, B or C of optional subjects in economics
5. Essay in Russian
6. Translation from and into Russian
7. History of Russia from 1856*
8. Contemporary Soviet politics, planning and society (to be examined by three essays of about 3,000 words each on approved topics, to be submitted by 1 May of the final year) *or* one paper selected from: Soviet foreign policy; Imperial expansion; Siberia and Canada, 1580-1913; the Geography of the U.S.S.R.†

* To be examined by two essays of 2,000-3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds and by one essay of 4,000–5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

† A 2-hour paper together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented by 1 May of the final year.

9. Candidates will be required to submit not later than 1 May of the final year an essay of 8,000–10,000 words on a subject which may relate to Economics or to Russian or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval. Instead of the essay, a further examination paper may be taken *either* from lists A, B or C in Economics, *or* in Russian.

FINAL EXAMINATION FOR SCHEME 1

PART I

To be taken at the end of the second year

1. Economic principles 2
2. Applied economics

PART II

To be taken at the end of the final year

1–7. As 3–9 for final examination for Scheme 2.

Economics and Social Policy

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

SCHEME OF STUDY

First Year

1. Economics
2. Social policy and administration
3. *One* of geography, history, philosophy, politics, sociology or an approved foreign language.

In exceptional circumstances another subject chosen with the approval of the Chairman of the School of Economic Studies and the Head of the Department of Social Policy and Sociology may be allowed in lieu of those listed in 3 above.

FIRST-YEAR EXAMINATION

A qualifying examination in each of the three subjects taken, which must normally be passed by candidates before they proceed to further study, will be held at the end of the first year. The papers in each subject will be:

1. Economics: As first-year examination 1 for Economics and Geography
2. Social Policy and Administration: As first-year examination 6 for Economics and Politics
3. Geography: As first-year examination 2 for Economic History and Geography
4. History: As first-year examination 2 for Economics and History
5. Philosophy: As first-year examination 4 for Economics and Politics
6. Politics: As first-year examination 2 for Economics and Politics
7. Sociology: As first-year examination 7 for Economics and Politics
8. The required papers in an approved foreign language, or another approved subject.

Second and Third Years

1-2. As final examination 1-2 for Economics and Economic History
3. One course in a subject chosen from list A of optional subjects in Economics
4. Social policy in Britain
5. Welfare institutions in the modern industrial state
6. Organization, management and social policy

7. Economics of the public services
8. *One* chosen from among the optional courses (lists A, B, C) in economics and the courses provided in the Department of Social Policy and Sociology, with the approval of the Chairman of the School of Economic Studies and the Head of the Department of Social Policy and Sociology.

In addition, candidates will be required to present an extended essay of about 8,000 words on a topic selected in consultation with departmental tutors and approved by the Chairman of the School of Economic Studies and the Head of the Department of Social Policy and Sociology. The topic may be *either* in economics *or* social policy and administration *or* linking the two. Approval must be obtained by 30 May in the second year and the essay submitted not later than the first day of the third term of the final year.

FINAL EXAMINATION

The final examination will consist of *eight* papers or paper equivalents.

Economics and Sociology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

FIRST-YEAR EXAMINATION

1. Economics: As first-year examination 1 for Economics and Politics
2. Sociology:
   (a) Introduction to sociology I*
   (b) Introduction to sociology II*
3. Politics: As first-year examination 2 for Economics and Politics
or Geography (three papers)
or History (two papers)
or in exceptional circumstances, another subject chosen with the approval of the Head of the Department of Social Policy and Sociology and the Chairman of the School of Economic Studies.

SECOND YEAR: PART I FINAL EXAMINATION

At the end of the second year candidates will present themselves for the Part I examination and must satisfy the examiners before proceeding to further study. A candidate who does not satisfy the examiners at the first attempt will not thereafter be eligible for the award of the degree with honours.

1. Economics: *Two* papers as follows:
   (a) Economic Principles 2
   (b) Applied Economics
2. Sociology: *Two* papers as follows:
   (a) Social Processes & Institutions I
   (b) Social Processes & Institutions II

THIRD YEAR: PART II FINAL EXAMINATION

1. One paper in a subject chosen from list A of optional subjects in Economics
2. Approaches to Sociological Theory

* Candidates may substitute essays for *one* of these courses. Three essays, of 2,000–3,000 words each, on topics approved by the Head of the Department of Social Policy and Sociology, will be required for this course. The submission dates are as in the case of Final Examinations for Sociology.

3-5. Three subjects chosen and assessed in the prescribed way from lists A, B & C of optional courses in economics or from the optional courses for the degree of Bachelor of Arts in sociology with the approval of the Chairman of the School of Economic Studies and the Head of the Department of Social Policy and Sociology.

With the permission of the Head of the Department of Social Policy and Sociology candidates may substitute essays for one or two of the sociology papers in the whole final examination (Part I and Part II). For each paper *either* one essay of 6,000–8,000 words *or* three essays of 2,000–3,000 words will be required. Candidates who wish to be examined in this way must apply to the Head of the Department of Social Policy and Sociology not later than the last day of the first term of the final year. Essays replacing each paper must be submitted as follows:

In the case of one essay:
Not later than the first day of the third term.
In the case of three essays:
The *first* not later than the first day of the second term
The *second* not later than the first day of the third term
The *third* not later than two weeks before the start of the May-June examinations.

Economics and Spanish

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels including Spanish at A level; GCSE level Mathematics.

PERIOD ABROAD

Candidates will normally be required to spend the third year of study in Spain or another Spanish-speaking country either working as English assistants in an educational institution or following an approved course of study at a recognized university or business school in Spain or a Spanish-American country. The cost of residence abroad is not included in the normal fee for an arts scheme. During their year abroad candidates will be required to complete two assignments related either to the institutions to which they are attached or to their chosen final-year courses. The assignments must be submitted not later than 1 November of the final year. The marks obtained for these assignments will be taken into account in assessing the candidate's performance in Spanish in the Part II examination.

SCHEME OF STUDY

First Year

1. Economic principles 1
2. Quantitative techniques in economics
3. *Either* Britain and the international economy after 1870
   or Economic institutions
4. Spanish language
5. Modern Spanish literature (one term)
6. Modern Spanish-American literature (one term)
7. Contemporary Spanish society, politics and institutions (one term)
8. Latin-American geography (one term)

One other approved subject.

Second Year
1. Economic principles 2
2. Applied economics
3. Spanish language
4. The history of Spain to *c.* 1700
5. Spanish literature to *c.* 1700

Final Year
1. One course chosen from list A of optional subjects in Economics
2. One course chosen from Lists A, B or C of optional subjects in Economics
3. Spanish language
4. Spanish in an economic and business context
5. *Either* a further course chosen from Lists A, B or C of optional subjects in Economics
   or a further option in Spanish

EXAMINATIONS

FIRST-YEAR QUALIFYING EXAMINATION

1. Economics
   (a) Economic principles 1
   (b) Quantitative techniques in economics
   (c) *Either* Britain and the international economy after 1870
   or Economic institutions
2. Spanish: As first-year examination 2 for Arabic and Spanish
3. One other approved subject.

FINAL EXAMINATION

This will be taken in two parts, Part I at the end of the second year and Part II at the end of the final year of the scheme of study. Candidates must satisfy the examiners in Part I before proceeding to Part II and they will not be eligible for the award of the degree with honours if they do not satisfy the examiners at the first attempt. The two parts of the examination will be as follows:

Part I
1. Economic principles 2
2. Applied economics
3. Spanish: two half papers as follows:
   (a) The history of Spain to *c.* 1700 (2-hour paper: half-paper equivalent)*
   (b) Spanish literature to *c.* 1700 (2-hour paper: half-paper equivalent)*

The Spanish Department will require candidates to attend fortnightly seminars and to present two essays of some 2,000 words each on prescribed topics. The marks obtained for these essays will be incorporated in the Part I examination result for Spanish. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

Part II
4. One paper on a subject chosen from List A of optional subjects in Economics
5. One paper on subject chosen from Lists A, B or C of optional subjects in Economics
6. Translation into Spanish
7. Translation from Spanish and essay in Spanish
8. Spanish in an economic and business context

* To be taken in March of the second year.

9. *Either* a further paper on a subject chosen from Lists A, B or C of optional subjects in Economics
   or a further option in Spanish
An oral examination in Spanish.

English

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English literature at A level.

SCHEME OF STUDY

First Year
1. Renaissance poetry
2. Renaissance drama
3. Perspectives on the Renaissance
4. Introduction to the study of literature
5. Introduction to English language
6. Introduction to Medieval literature
7. Tutorial classes
8. *One* of the subjects approved as a first-year or one-year subject by the Board of the Faculties.

Second Year
1. English language I (this is the first part of a two-year course)
2. Medieval literature
3-5. English literature from Renaissance to Romantics
   and *two* special options (see pages 77–78).

Third Year
1. English language II (this is the second part of a two-year course)
2. Shakespeare
3-5. English literature from 1815 to the present
   and *two* special options (see below).

EXAMINATIONS

First Year (Qualifying examinations)
1. Renaissance poetry
2. Renaissance drama
3. Introduction to the study of literature
4. Introduction to English language
5. Introduction to Medieval literature
6. One other approved subject.

(The course on Perspectives on the Renaissance will be examined within the papers for Renaissance poetry and Renaissance drama.)

SECOND YEAR: PART I FINAL EXAMINATION
1. Medieval literature
2-4. English literature from Renaissance to Romantics
   Two special options (see below).

Students taking the Theatre studies option will present one essay of approximately 5,000 words with supporting documents by the end of the second week of the third term;

assessment of practical work in Theatre practice will also count towards the Part I Examination.

PART II FINAL EXAMINATION

1. Shakespeare
2. English language
3-5. English literature from 1815 to the present
One special option (see below)
Another special option or an extended essay (see below).

Students taking the Theatre studies option will sit a 3-hour paper in Forms and ideas in European theatre, 1870 to the present day.
Candidates may also be required to attend a viva voce examination.

LIST OF SPECIAL OPTIONS

Not all these subjects will necessarily be offered every year, and approved courses may be added from time to time.

(a) Beowulf and the heroic tradition*
(b) Old English literature and the Benedictine reform*
(c) Old English poetry*
(d) Eddas, Scaldic poems and sagas
(e) Icelandic family saga
(f) Saga, myth and poetry in Ancient Iceland
(g) Development of the Arthurian legend
(h) Chaucer and the European literary tradition
(i) Piers Plowman
(j) Medieval drama
(k) Romance, ballad and fairy tale
(l) Aspects of English poetry 1600–1680
(m) Shakespeare's medieval stories
(n) Ben Jonson
(o) The tragedies of Shakespeare's contemporaries
(p) Elizabethan narrative
(q) Philosophical ideas in eighteenth-century literature
(r) Eighteenth-century fiction: a feminist perspective
(s) Literature for children: 1700 to the present day
(t) Literature of the 1790s
(u) Romanticism: the second generation
(v) American literature of the eighteenth and nineteenth centuries†
(w) Images of psychology in nineteenth-century fiction
(x) Novels of the mid-Victorian period
(y) Darwin, Marx, Nietzsche and Freud
(z) Ibsen and English drama
(aa) Some foreign perspectives on the art of fiction in the nineteenth century
(ab) Henry James
(ac) American literature of the 1920s and 1930s†
(ad) Contemporary American fiction
(ae) The English novel in the 1930s
(af) Form and experiment in twentieth-century drama
(ag) Contemporary British poetry
(ah) Commonwealth literature

* Essays as above, plus short paper not exceeding two hours, to test translation skills
† One 3-hour paper

(ai) Contemporary Israeli and Jewish fiction
(aj) Literature and Ireland from 1890
(ak) Aspects of Modernism
(al) Critical theory
(am) Feminist approaches to literature
(an) The publishing and social history of the book and the computer
(ao) Textual studies and the computer*
(ap) Dictionaries
(aq) Lexicology†
(ar) Advanced English grammar
(as) Linguistics and literary style
(at) Pidgins and Creoles‡
(au) Slang, cant and jargon
(av) The language of Irish literature
(aw) Theatre studies — two year course.

EXAMINATION: Special options are examined as follows (unless otherwise stated)

One essay of approximately 3,000 words to be submitted by the end of the second week of the second term of the second or final year (as appropriate).
One essay of approximately 5,000 words to be submitted by the end of the second week of the third term of the second or final year (as appropriate).

In place of one Special Option in the third year candidates may present an extended essay of approximately 10,000 words, on a topic approved by one of the professors or the Chairman of the School. Candidates should apply for permission to write an extended essay by the fourth week of the third term of their second year, and the essay must be submitted not later than 1 May of the final year.

English and French

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English and French at A level.

SCHEME OF STUDY AND PERIOD ABROAD

Candidates will be required to spend the third year of study in France or a French-speaking country. During this year they will write a long essay (see 7 under Final Examination) and submit such other written work as may be required by the two Departments. If possible, arrangements will be made for students to take a post as *assistant*. If such arrangements cannot be made, students will be required to spend the academic year following a course of study at a French-speaking university approved by the Heads of both Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. English: As first-year examination 2 for Arabic and English
2. French: As first-year examination 2 for Arabic and French
3. One other approved subject.

* Two computing assignments, essay of approximately 5,000 words and one 1-hour paper.
† One 3-hour paper
‡ Essays as above, plus short paper not exceeding two hours, to test translation skills

SECOND YEAR: PART I FINAL EXAMINATION

1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval literature

3-4. 1½-hour papers, to be taken at the end of the second term, on *two* of the following:
Seventeenth-century French literature
Eighteenth-century French literature
History, structure and use of the French language
Problems of Modern France.

PART II FINAL EXAMINATION

1-2. As final examination 5-6 for Arabic and English
3-5. As final examination 5-7 for Arabic and French
6. Seventeenth-century French tragedy *or* Literature and imagination in the Enlightenment *or* Nineteenth-century French fiction *or* Modern poetry from Baudelaire to Valéry *or* Literature and politics in twentieth-century France *or* Contemporary French history and institutions *or* Nature and use of Modern French
7. Candidates will be required to submit not later than 1 May in the final year an essay of 8,000–10,000 words on a subject whose title should be submitted to the Heads of the two Departments for approval at the end of the second year of the scheme

An oral examination in French.

English and German

A four-year scheme of study, including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English and German at A level.

PERIOD ABROAD

Candidates will normally be required to spend the third year of study in a German-speaking country, either as English-speaking assistants in an educational establishment or in some other post approved by both Heads of Departments, or, where such employment cannot be found, as students for one academic year (or two semesters) at an approved German-speaking university. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. English: As first-year examination 2 for Arabic and English
2. German: As first-year examination 2 for Arabic and German
3. One other approved subject.

SECOND-YEAR PART I FINAL EXAMINATION

English
1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval literature

German
3-4. Two of the following (2-hour half-paper equivalents):
The New High German language I*
Eighteenth-century literature and texts I*
Nineteenth-century literature and texts I*
Twentieth-century literature and texts I*

FOURTH-YEAR PART II FINAL EXAMINATION

English
1-2. As for papers 5-6 in Arabic and English.
German
3-7. As for papers 5-9 in Arabic and German
8. Candidates will be required to submit not later than 1 May an essay of 8,000–10,000 words on a subject which may relate to English or to German or to some topic combining both these subjects. The title should be submitted to the Chairman of the School of English and the Head of the Department of German for approval before the end of the third term of the second year
An oral examination in German.

English and Greek Civilization

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English at A level; a foreign language at GCSE level.

FIRST-YEAR EXAMINATION

1. English: As first-year examination 2 for Arabic and English
2. Greek civilization:
   (a) Greek language
   (b) Greek civilization
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval literature
3. Translation, with comment from Greek texts (2-hour paper)

PART II FINAL EXAMINATION

1-2. As final examination 5-6 for Arabic and English
3. Greek epic: Greek tragedy (one paper)
4. Two of the following subjects (one paper):
   Greek art
   Greek historical writing
   Greek philosophy
5. Two of the following subjects (one paper):
   (a) Greek lyric
   (b) Greek comedy
   (c) Greek oratory

* Candidates taking this examination will be required to follow the appropriate courses and take the Part II Final Examination in the same subject.

(d) Hellenistic poetry
(e) Greek politics and society
(f) A period of Greek history
(g) Additional Greek texts A.
(h) Additional Greek texts B.
(i) Another subject approved by the Chairman of the School of Classics

Not all these subjects will be offered every year and the list may be varied from time to time.

6. *Either*, Translation, with comment, from Greek texts (2-hour paper) *or*, a further option chosen from the list in (5) above (a) to (f) and (i) (2-hour paper).

7. Candidates will be required to submit not later than 1 May an essay of 8,000–10,000 words on a subject which may relate to English or to Greek civilization or to some topic combining both these subjects. The title should be submitted to the Chairman of the School of English and the Chairman of the School of Classics for approval at the beginning of the third year of the scheme.

English and History

Two schemes.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English at A level.

FIRST-YEAR EXAMINATION

1. English: As first-year examination 2 for Arabic and English
2. History: As first-year examination 2 for Economics and History
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval Literature

PART II FINAL EXAMINATION

1. English literature from 1815 to the present
2. Special option (of which at least four alternatives will be offered in any year as determined by the School of English. See list of special options and examination arrangements on page 310.

3-4. *Two* of the following papers in English history:
(a) from 1042 to 1460
(b) from 1460 to 1642
(c) from 1642 to 1789
(d) from 1790

5. *Either* a third paper in English history from those listed under 3 and 4
Or The evolution of modern America.

6. *One* of the following:*
Monasticism in Western Christendom 1050–1300
Western Europe and the Church 1300–1450
The civilization of the Renaissance in Italy
Church and State in Western Europe *c.*1500–*c.*1750

* Not all these subjects will necessarily be offered each year, and the list may be varied from time to time.

The 'General Crisis' of the seventeenth century
Revolution and authority in Western Europe *c.* 1760–1918
History of political thought
History of scientific thought
Communications and politics in the twentieth century

7. An essay of 8,000–10,000 words on a subject relating to one of the candidate's prescribed fields of study, chosen with the advice of the Department concerned, to be submitted not later than 1 May.

English and History of Art

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English at A level.

FIELD TRIP

In the long vacation at the end of the second year candidates must, under the direction of the Head of the Department of Fine Art, spend between two and three weeks at approved centres studying original works of art. Candidates must submit satisfactory evidence of the thoroughness of this study. The detailed study of certain special periods in the fine arts may include compulsory field classes during term-time. The cost of such study or classes is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. English: As first-year examination 2 for Arabic and English
2. History of Art:
   (a) Elements of the history and criticism of art IA
   (b) Elements of the history and criticism of art IB

Oral examination

In addition, students will attend essay tutorials during the year, and the work done for these may be taken into account.

3. *One* other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval literature

PART II FINAL EXAMINATION

1-2. As final examination 5-6 for Arabic and English
3. Special subject in the fine arts approved by the Head of the Department of Fine Art
4. Designated artists
5. Theories and institutions of art

6. Candidates will be required to submit not later than 1 May an essay of 8,000–10,000 words on a subject which may relate to English or to the history of art or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme.

All candidates may be required to present themselves for an oral examination.

English and Italian

Two schemes of study, both extending over four years. Scheme 1 is for students with previous knowledge of Italian, and Scheme 2 (with Preliminary Year in Italian) is for those with no previous knowledge. In each scheme a period will be spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English at A level. In the case of Scheme 1, one of the A level passes should normally be in Italian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

PERIOD ABROAD

SCHEME 1. Candidates will be required to spend the third term of the second year of study in Italy attending an approved course of study. They will also be required, unless specially exempted by the Heads of the Departments concerned, to spend the third year of study in Italy, either registered at an Italian university or working as English-speaking assistants at an Italian educational institution.

SCHEME 2. Candidates will be required to spend the third term of the third year of study in Italy attending an approved course of study. (In terms of courses completed, this corresponds to the second year of study in Scheme 1.) Students on Scheme 2 may also, with the approval of the Heads of the Departments concerned, spend a year in Italy between the third and final years of study. Such a year abroad is not a requirement of the syllabus; but the Italian Department normally gives full support to students in these circumstances who seek employment as assistants in Italian schools.
The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME 1

FIRST-YEAR QUALIFYING EXAMINATION

1. English: As first-year examination 2(a) and (b) for Arabic and English
2. Italian:
   (a) Italian language: translations
   (b) *Either* Italian literature and society in the nineteenth century
   Or Italian literature and society in the twentieth century

An oral examination in Italian.

3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

(The examination takes place in September, between the term abroad and the year abroad.)

1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval literature

PART II FINAL EXAMINATION

1-2. As final examination 5-6 for Arabic and English
3. Italian language: translations
4. Italian language: essay
5. *Either* History of the Italian language
   Or Dante
6. *Either* Italian literature and society to 1400
   Or Italian literature and society of the Renaissance
7. One further paper in Italian, chosen from courses offered in the final year.
8. Candidates will be required to submit not later than 1 May an essay of 8,000–10,000 words, written in English, on a subject which may relate to English or to Italian or to some topic combining both subjects. The title should be submitted to the Heads of the two Departments for approval by the end of the second term of the second year.

An oral examination in Italian.

SCHEME 2

FIRST-YEAR QUALIFYING EXAMINATION (PRELIMINARY EXAMINATION IN ITALIAN)

1. English: As first-year examination for Scheme 1
2. Italian:
   (a) Italian language: written
   (b) Prescribed Italian texts

Oral and aural examinations in Italian.

3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval literature

SECOND YEAR: QUALIFYING EXAMINATION IN ITALIAN

As first-year examination 2(a) and (b) for Scheme 1
An oral examination in Italian.

PART II FINAL EXAMINATION

As for the final examination in Scheme 1.
The title of the essay in 8 should be submitted for approval by the end of the second term in the third year of study.

English and Latin

Two schemes, one extending over three years and the other, for students with no previous knowledge of Latin, extending over four years.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English at A level. In the case of the three-year scheme, one of the A level passes should normally be in Latin. In the case of the four-year scheme, one of the A level passes should normally be in a foreign language.

THREE-YEAR SCHEME

FIRST-YEAR EXAMINATION

1. English: As first-year examination 2 for Arabic and English
2. Latin:
   (a) Latin language including unprepared translation
   (b) Latin literature and prescribed texts
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval literature

3-4. Translation and questions arising from *two* of the following Latin genres: lyric poetry, love elegy, historical writing, drama, epic, satire, philosophical writing (two 2-hour papers)

5. Latin prose composition (2-hour paper)

PART II FINAL EXAMINATION

1-2. As final examination 5-6 for Arabic and English
3. Latin unprepared translation
4-5. Translation and questions arising from *two* further Latin genres chosen from those listed under the second year
6. In addition candidates will be required to submit not later than 1 May an essay of 8,000-10,000 words on an approved subject in English or Latin or linking the two fields. Latin prose composition may be offered as an optional subject in the final examination.

FOUR-YEAR SCHEME

FIRST-YEAR EXAMINATION

1. English: As first-year examination 2 for Arabic and English
2. Latin: two papers as follows:
   (a) Unprepared translation and linguistic exercise
   (b) Translation from prescribed Latin texts
3. One other approved subject.

SECOND YEAR: LATIN QUALIFYING EXAMINATION*

As first-year examination 2 for three-year scheme

THIRD YEAR: PART I EXAMINATION

1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval literature
3-5. As 3-5 of second-year Part I examination for three-year scheme

FINAL EXAMINATION

1-2. As final examination 5-6 for Arabic and English
3-6. As final examination 3-6 for three-year scheme

English and Music

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English and preferably Music at A level.

FIRST-YEAR EXAMINATION

1. English: As first-year examination 2 for Arabic and English
2. Music: aural and practical tests and two papers (or paper equivalents):
   (a) *either* Counterpoint and harmony 1 (one 3-hour paper and assessed work undertaken during the first two terms)
   or Elementary composition (a set composition to be written over three days)
   (b) *either* Music analysis 1
   or Traditions of Western music
3. One other approved subject.

* Candidates will be required to pass the second-year examination in Latin in order to proceed to the third and fourth years of the scheme.

SECOND YEAR: PART I FINAL EXAMINATION

1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval literature
3. Counterpoint and Harmony 2 (one paper to be written over three days) *or* Music analysis 2

Aural and practical tests.

The standard attained in this Part I examination will be taken into account in assessing the final degree results.

There will be departmental examinations in musical ideas in the twentieth century or prescribed works and in the special study.

PART II FINAL EXAMINATION

1-2. As final examination 5-6 for Arabic and English
3. Tonal forms (two papers: one each to be taken over the Christmas and Easter vacations) *or* prescribed works (one paper)
4. Special study. Candidates will be required to present themselves for examination in one of the following:

Composition: a portfolio of compositions to be submitted by the Friday of the third week of the third term; a portfolio of work in instrumentation to be submitted by the fifth Monday of the third term.

Musicology: one paper and an editorial project to be submitted by the third Friday of the third term.

History and Criticism: one paper and a project in criticism or preparation of an annotated bibliography or other source study to be submitted by the third Friday of the third term.

Performance: a recital and a project in performance to be submitted by the second Tuesday of the third term.

5. An essay of about 8,000 words on a subject which may relate to English literature or to Music or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval by the end of the first term; the essay to be submitted by the last day of the second term.

Candidates may be required to present themselves for an oral examination in music.

English and Philosophy

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English at A level. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of philosophy.

FIRST-YEAR EXAMINATION

1. English: As first-year examination 2 for Arabic and English
2. Philosophy: As first-year examination 4 for Economics and Politics
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval literature
3. History of modern philosophy
4. *Either* Ethics *or* Political and social philosophy

THIRD YEAR: PART II FINAL EXAMINATION

5. English literature from 1815 to the present
6. Theory of Criticism*
7. The history of ideas, in its relation to English literature*
8. *Either* Philosophical problems *or* Philosophical logic

(Candidates who wish to take Philosophical logic must have attended a course in Formal logic during their second year.)

9. (a) a long essay of 8,000–10,000 words to be submitted by the first day of the third term of the final year on a topic relating to English or to Philosophy or to some theme combining both these subjects, approved by the beginning of the final year by the Head of the appropriate Department;

Or (b) an examination in an approved special subject in English;

Or (c) an examination on a paper not already taken to be chosen with the approval of the Head of the Department of Philosophy from the list of papers for the Part I and Part II examinations for the degree of B.A. in Philosophy, including papers on the bridge and special subjects listed.*

Candidates may also be required to present themselves for an oral examination.

English and Portuguese

A four-year scheme of study including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English and a foreign language at A level.

PERIOD ABROAD

Candidates will normally be required to spend the third year of study in a Portuguese-speaking country. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. English: As first-year examination 2 for Arabic and English
2. Portuguese:
   (a) Portuguese language
   (b) Modern literature
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval literature
3. Nineteenth-century and twentieth-century Portuguese literature.

* In the case of papers 6 and 7, and also where candidates choose under paper 9c to follow a course of study preparing for one of the other bridge or special subject papers in Philosophy, the Head of the Department of Philosophy may in some circumstances grant permission for two essays of not more than 5,000 words each on approved topics within the area covered by the paper in question to be submitted not later than the first day of the third term of the final year in place of a 3-hour examination paper. The decision as to whether a candidate is to sit a 3-hour paper or submit two essays must be made by 1 December in the final year.

PART II FINAL EXAMINATION

1-2. As final examination 5-6 for Arabic and English
3-6. Four of the following Portuguese options (1½-hour paper on each)
(a) Early Portuguese literature
(b) Renaissance drama and poetry
(c) Machado de Assis
(d) Twentieth-century Brazilian literature
(e) Modern poetry
(f) Portuguese writers in the Far East
7. Translation from and into Portuguese
8. Essay in Portuguese
9. Candidates will be required to present by 1 December in their final year an essay of some 8,000 words on an approved topic within the fields of English or Portuguese, or combining both subjects; and will be required to present themselves for an oral examination in Portuguese.

English and Religious Studies

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English at A level.

FIRST-YEAR EXAMINATION

1. English: As first-year examination 2 for Arabic and English
2. Religious Studies: As first-year examination 2 for Arabic and Religious Studies
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval literature
3. One of (a) Islam
(b) Hinduism and Buddhism
(c) Hinduism and Sikhism

THIRD YEAR PART II FINAL EXAMINATION

1-2. As final examination 5-6 for Arabic and English
3-5. As final examination 5-7 for Arabic and Religious Studies
6. Candidates will be required to submit not later than 1 May an essay of 8,000-10,000 words on a subject which may relate to religious studies or English or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme.

English and Roman Civilization

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English at A level; a foreign language at GCSE level.

FIRST-YEAR EXAMINATION

1. English: As first-year examination 2 for Arabic and English
2. Roman Civilization: As first-year examination 2 for Arabic and Roman Civilization
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval literature

PART II FINAL EXAMINATION

1-2. As final examination 5-6 for Arabic and English
3-6. As final examination 5-8 for Arabic and Roman Civilization
7. Candidates will be required to submit not later than 1 May an essay of 8,000-10,000 words on a subject which may relate to English or to Roman Civilization or to some topic combining both these subjects. The title should be submitted to the Chairman of the School of English and the Chairman of the School of Classics for approval before the end of the third term of the second year.

English and Russian

Schemes of study extending over a period of four years (Scheme 2) or four years including a year abroad (Scheme 1).

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English at A level. In the case of Scheme 1, one of the A level passes should normally be in Russian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

PERIOD ABROAD

SCHEME 1. Candidates will normally be required to spend the third year of study in the USSR, or in an East European country, or in a Russian-speaking environment. The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME 2. Candidates will normally be required to spend a period of not less than three months in the USSR, or a comparable period in an East European country at an appropriate point in the scheme. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION FOR SCHEME 2

As first-year examination for Economics and Russian Scheme 2.

SECOND-YEAR EXAMINATION FOR SCHEME 2, FIRST-YEAR EXAMINATION FOR SCHEME 1

1. English: As first-year examination 2 for Arabic and English
2. Russian: As first-year examination 2 for Arabic and Russian
3. One other approved subject.

SECOND YEAR OF SCHEME 1, THIRD YEAR OF SCHEME 2: PART I FINAL EXAMINATION (the examination will take place in September)

1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval literature

PART II FINAL EXAMINATION

1-2. As final examination 5-6 for Arabic and English
3-4. As final examination 5-6 for Arabic and Russian

5. The Russian novel*
6. *One* of the following: Russian drama,† Russian poetry,† Tolstoy and Dostoevsky, Pushkin, Russian literature of the Soviet period,† From Chekhov to Zamyatin: the Russian short story, 1890–1922, Czech or Bulgarian with prescribed texts.
7. Candidates will be required to submit not later than 1 May of the final year an essay of 8,000-10,000 words on a subject which may relate to English or to Russian or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval.

An oral examination in Russian.

English and Sociology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English at A level; GCSE level Mathematics.

FIRST-YEAR EXAMINATION

1. (a) Renaissance poetry
   (b) Renaissance drama
2. (a) Introduction to Sociology I‡
   (b) Introduction to Sociology II‡
3. One other approved subject

SECOND-YEAR PART I FINAL EXAMINATION

At the end of the second year candidates will present themselves for the Part I examination and must satisfy the examiners before proceeding to further study. A candidate who does not satisfy the examiners at the first attempt will not thereafter be eligible for the award of the degree with honours.

1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval literature
3. Social Processes and Institutions I
4. Social Processes and Institutions II

THIRD YEAR PART II FINAL EXAMINATION

1. English literature from 1815 to the present
2. Special Option (of which at least four will be offered in any year as determined by the School of English; see list of special options and examination arrangements on p 310)
3. Approaches to Sociological Theory
4. Optional course in Sociology
5. Dissertation of 8,000–10,000 words on a subject which may relate to English or to Sociology or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval at the end of the second year of study. It must be submitted not later than *1 May* in the final year of study (in

* A 2-hour paper taken at the end of the second term of the penultimate year of study, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

† A 2-hour paper, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented by the end of the first week of the final year for courses taken in a candidate's penultimate year or by 1 May for courses taken in the final year.

‡ Candidates may substitute essays for *one* of these courses. Three essays, of 2,000–3,000 words each, on topics approved by the Head of the Department of Social Policy and Sociology, will be required for this course. The submission dates are as in the case of Final Examinations for Sociology.

case of a dissertation relating to English) or the first day of the third term (in case of a dissertation in Sociology).

With the permission of the Head of the Department of Social Policy and Sociology, candidates may substitute essays for one or two of the sociology papers in the whole final examination (Part I and Part II Final Examination). For each paper, *either* one essay of 6,000–8,000 words *or* three essays of 2,000–3,000 words will be required. Candidates who wish to be examined in this way must apply to the Head of the Department of Social Policy and Sociology not later than the last day of the first term of the second year (for the Part I Examination) or the third year (for the Part II Examination). Essays replacing each paper must be submitted as follows (dates apply to the second year in the case of the Part I Examination and the third year in the case of the Part II Examination).

In the case of one essay:
Not later than the first day of the third term.
In the case of three essays:
The first not later than the first day of the second term.
The second not later than the first day of the third term.
The third not later than two weeks before the start of the May-June examinations.

English and Spanish

A four-year scheme of study including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English and Spanish at A level.

PERIOD ABROAD

Candidates will normally be required to spend the third year of study in a Spanish-speaking country. With the permission of the Heads of both Departments they may be allowed, in lieu of this requirement, to spend a period of at least two months in Spain during the long vacation of either their first or second year, this period to include attendance at approved courses of study. The cost of residence abroad is not included in the normal fee for an arts scheme. During their year abroad candidates will be required to write an essay of some 8,000 words within the field of English or Spanish or combining both subjects. The closing date for the presentation of the essay will be 1 December of the final year.

FIRST-YEAR EXAMINATION

1. English: As first-year examination 2 for Arabic and English
2. Spanish: As first-year examination 2 for Arabic and Spanish
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval literature
3. The history of Spain to *c.* 1700 (2-hour paper; half-paper equivalent)*
4. Spanish literature to *c.* 1700 (2-hour paper; half-paper equivalent)*

In addition the Spanish Department will require students to attend fortnightly seminars and to present two essays of some 2,000 words each on prescribed topics. The marks obtained for these essays will be incorporated in the second-year examination results. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

* To be taken in March of the second year.

PART II FINAL EXAMINATION

1-2. As final examination 5-6 for Arabic and English
3-4. Any two papers selected from the final year examination papers 3-6 for Spanish
5-6. As final examination 5-6 for Arabic and Spanish
7. In addition, candidates will be required to present by 1 December in their final year an essay (in English, about 8,000 words) on an approved topic within the fields of English or Spanish or combining both subjects.

An oral examination in Spanish.
Students will also be required to present prescribed essays on topics related to their chosen courses in Spanish and the marks obtained will be incorporated in the examination result. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

English and Theology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including English at A level.

FIRST-YEAR EXAMINATION

1. English: As first-year examination 2 for Arabic and English
2. Theology: As first-year examination 2 for Arabic and Theology
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. English literature from Renaissance to Romantics
2. Shakespeare *or* Medieval literature
3. New Testament

THIRD YEAR: PART II FINAL EXAMINATION

1-2. As final examination 5-6 for Arabic and English
3-5. As final examination 5-7 for Arabic and Theology
6. Candidates will be required to submit not later than 1 May an essay of 8,000–10,000 words on a subject which may relate to English or theology or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme.

Fine Art

Four year scheme of study. (For other schemes offered by the Department of Fine Art see History of Art and History of the Fine and the Decorative Arts.)

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. Before being accepted all candidates for this scheme must submit a portfolio of practical work.*

* When making their applications to UCCA candidates should write for details of the Portfolio Inspection Scheme, addressing themselves to that university which stands highest in their order of preference.

SCHEME OF STUDY

First Year

1. Elements of the history and criticism of art (the first part of a two-year core course).
2. Studio work in the practice of the fine arts as prescribed by the Head of the Department.
3. One other approved subject.

Second Year

1. Elements of the history and criticism of art (the second part of a two-year core course).
2. Theories and institutions of art.
3. Studio work in the practice of the fine arts as prescribed by the Head of the Department.

Third Year

1. Detailed study of a special subject approved by the Head of the Department.
2. Theories and institutions of art.
3. Detailed study of designated artists.
4. Study of two set books related to the special subject.
5. Detailed study of designated media.
6. Studio work in the practice of the fine arts (which may include photography and video) as prescribed by the Head of the Department.

Fourth Year

1. Detailed study of designated artists.
2. Studio work in the practice of the fine arts (which may include photography and video) as prescribed by the Head of the Department.
3. Dissertation tutorial classes.

VACATION STUDY AND FIELD-WORK

In two of the long vacations students must spend, at the direction of the Head of the Department, approximately ten days studying in museums, galleries or archives in Great Britain or abroad and submit satisfactory evidence of the thoroughness of this study.

The detailed study of certain special periods in the fine arts may include compulsory field classes during term time.

The cost of such study or classes is not included in the normal fee for an arts scheme.

EXAMINATIONS

FIRST-YEAR EXAMINATION

A qualifying examination will be held at the end of the first year, and candidates will be advised on their subsequent courses of study on the basis of their performance therein. Candidates may be called for an oral examination.

1. Elements of the history and criticism of art IA.
2. Elements of the history and criticism of art IB.
3. Candidates will be required to submit for examination examples of their work in the practice of art done during the year.
4. One other approved subject.

THIRD YEAR: PART I FINAL EXAMINATION

Part I of the final examination, which will relate to the syllabus covered in the second and third years, will be taken at the end of the third year.

Candidates must satisfy the examiners in the Part I Examination before proceeding to further study. The results obtained will form part of the final degree classification.
1. Special subject in the history of art.
2. Elements of the history and criticism of art II.
3. Theories and institutions of art.
4. Set books.
5. Designated media.
6. Candidates will be required to submit for examination examples of their work in the practice of art done during the year.

FOURTH YEAR: PART II FINAL EXAMINATION

Part II of the final examination will be taken at the end of the fourth year.
1. Designated artists.
2. A dissertation of 8,000–10,000 words on a theme approved by the Head of Department, to be submitted not later than 1 May.
3. Candidates will be required to submit for examination examples of their work in the practice of art done during the period of the scheme.

Candidates may also be required to present themselves for an oral examination.

Students will be required to contribute to the cost of the materials required in the course leading to the degree of Bachelor of Arts in Fine Art.

French and Greek Civilization

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including French at A level.

PERIOD ABROAD

Candidates will be required to spend the third year of study at a French-speaking university approved by both Departments. If possible, arrangements will be made for students to take a post as *assistant* in the university town in question. The cost of residence abroad is not included in the normal fee for an arts scheme. During their year abroad, candidates will write a dissertation on a subject approved by both Departments, and submit such other written work as may be required by the two Departments (see paper 9 under Final Examination below).

FIRST-YEAR EXAMINATION

1. Greek Civilization: As first-year examination 2 for English and Greek Civilization
2. French: As first-year examination 2 for Arabic and French
3. One other approved subject.

SECOND YEAR: PART I EXAMINATION

Candidates will be examined at the end of the second term of the second year in two of the following: seventeenth-century French literature (1½-hour paper); eighteenth-century French literature (1½-hour paper); History, structure and use of the French language (1½-hour paper); French history and institutions 1789–1851 (1½-hour paper); and at the end of the second year in translation, with comment, from Greek texts (2-hour paper). These papers will constitute Part I of the final examination.

FINAL EXAMINATION

1-4. (i) Two literary subjects as approved by the Chairman of the School of Classics and to include at least one of Greek epic and Greek tragedy (one paper)
(ii) Two subjects, relating to the history and thought of the Greeks, as approved by the Chairman of the School of Classics and to include at least one of Greek art, Greek historical writing, Greek philosophy (one paper)
(iii) *Two* of the following subjects (one paper):*
(a) Greek lyric
(b) Greek comedy
(c) Greek oratory
(d) Hellenistic poetry
(e) Greek politics and society
(f) A period of Greek history
(g) Additional Greek texts A
(h) Additional Greek texts B
(j) Another subject approved by the Chairman of the School of Classics
(iv) *Either*, Translation, with comment, from Greek (2-hour paper)
or, a further option chosen from the list in (iii) above (a) to (f) and (j) (2-hour paper).
5-7. As final examination 5-7 for Arabic and French
8. Seventeenth-century French tragedy *or* Nineteenth-century French fiction *or* Modern poetry from Baudelaire to Valéry *or* Contemporary French history and institutions *or* Nature and use of Modern French
9. Dissertation of not more than 8,000 words to be written during the year abroad and presented by the end of September of the pre-final year.
An oral examination in French.

French and History

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including French at A level.

PERIOD ABROAD

Candidates will be required to spend the third year of study in France or a French-speaking country. During this year they will write a dissertation for the School of History (see paper 9 under Final Examination below) and submit such other written work as may be required by the two Departments. If possible, arrangements will be made for students to take a post as *assistant*, preferably in an archive town. If such arrangements cannot be made, students will be required to spend the academic year following a course of study at a French-speaking university approved by the Heads of both Departments.
The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. French: As first-year examination 2 for Arabic and French
2. History: As first-year examination 2 for Economics and History
3. One other approved subject.

* Not all these subjects will be offered every year and the list may be varied from time to time.

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SECOND YEAR: PART I EXAMINATION

Candidates will be examined at the end of the second term of the second year in *two* of the following:

(a) Seventeenth-century French literature (1½-hour paper)
(b) Eighteenth-century French literature (1½-hour paper)
(c) Problems of modern France (1½-hour paper)

These papers will constitute Part I of the final examination for the degree. The standard attained in these Part I examinations will be taken into account in assessing the final degree results.

FINAL EXAMINATION

1-3. As final examination 5-7 for Arabic and French
4. Seventeenth-century French tragedy *or* Literature and imagination in the Enlightenment *or* Nineteenth-century French fiction *or* Modern poetry from Baudelaire to Valéry *or* Literature and politics in twentieth-century France *or* Nature and use of Modern French
5. *One* of the following papers in English history:
   (a) from earliest times to 1042
   (b) from 1042 to 1460
6. *One* paper in European history chosen from the following:*
   (a) Courts, Patronage and Architecture 400–1000
   (b) Monasticism in Western Christendom 1050–1300
   (c) Western Europe and the Church 1300–1450
   (d) Church and State in Western Europe *c.*1500–*c.*1750
   (e) The 'General Crisis' of the seventeenth century
   (f) Revolution and authority in Western Europe *c.* 1760–1918 *or* International history 1815–1918
7. *One* paper in World history chosen from the following:*
   (a) The Crusades
   (b) North America from colonies to republic
   (c) International history 1919–1953
   (d) Strategic ideas in the nuclear age, since 1953
8. Special subject in history, to be chosen with the approval of the Chairman of the School of History, from the list under 6–7 on page 137 (one 3-hour paper)
9. Dissertation of 9,000–11,000 words on a historical subject (to be written during the year abroad and presented by the end of the first term of the final year).
An oral examination in French

French and Latin Languages and Literatures

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including French and Latin at A level.

SCHEME OF STUDY AND EXAMINATION

1. *French*

The courses and examinations in French will be the same as those for the degree in Modern Languages and Literatures (see pages 184–185 below). Students will take in March of their second year the two 1½-hour papers, one on each of the subjects chosen for study in the

* Not all of these subjects will necessarily be offered every year, and the list may be varied from time to time.

second year (2–6 in the scheme for the second year (see page 184 below)). The marks obtained in these papers will be used in determining the class of degree awarded.

Students will be required to spend the third year in France. Whenever possible, arrangements will be made for these students to spend the year as English-speaking assistants. Where such a post cannot be found, students will be required to follow an approved course of study of one academic year at a French university.

While abroad, students will be required to write a long essay in French on a topic approved by the Head of the Department of French, and to submit such other written work as may be required.

2. *Latin*

SECOND YEAR: PART I EXAMINATION

1-2. Translation from Latin genres, with questions arising out of them (two 2-hour papers)
3. Latin prose composition (2-hour paper)

FINAL EXAMINATION

1. Latin unprepared translation
2-3. Translation from Latin genres, with questions arising out of them (two 3-hour papers)
4. *Either* Latin general paper I (translation) *or* Special subject
Latin prose or verse composition may be offered as an optional subject
5. Candidates will also be required to take a subsidiary subject for one year.

French and Linguistics

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including French at A level.

PERIOD ABROAD

Candidates will be required to spend the third year of study in France. During this year they will prepare a research project in French on an approved topic relating to French or linguistics or phonetics or combining these subjects, and submit such other written work as may be required by the Departments. The length of the research project shall be in the region of 6,000–8,000 words. It shall be submitted at the beginning of the first term of the final year. During the year abroad candidates will also undertake a field project, the report on which shall be submitted to the Department of Linguistics and Phonetics at the beginning of the first term of the final year. If possible, arrangements will be made for students to take a post as *assistant*. If such arrangements cannot be made, students will be required to spend the academic year pursuing a course of study at a French university approved by the Heads of the Departments concerned. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. French: As first-year examination 2 for Arabic and French
2. Linguistics:
   (a) General phonetics
   (b) French phonetics (1½-hour paper)
   (c) Language and linguistics

An oral examination in phonetics
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1-2. Candidates will be examined at the end of the second term of the second year in history, structure and use of the French language (1½-hour paper) and in seventeenth-century French literature *or* eighteenth-century French literature (1½-hour paper).
3. At the end of the third term of the second year, they will be examined in sociolinguistics and stylistics (1½-hour paper).
These papers will jointly constitute Part I of the final examination for the degree of B.A. in French and Linguistics, and the results will be used in determining the class of degree.

FOURTH YEAR: PART II FINAL EXAMINATION

4-6. As final examinations 5-7 for Arabic and French
7. Seventeenth-century French tragedy *or* Literature and imagination in the Enlightenment *or* Nineteenth-century French fiction *or* Modern poetry from Baudelaire to Valéry *or* Literature and politics in twentieth-century France *or* Contemporary French history and institutions *or* Nature and use of Modern French
8. Linguistic theory and analysis
9. Phonetics and phonology (including Language Teaching)
10. Linguistic and phonetic description of French
11. Phonetics of English (1½-hour paper)
12. Final year options in linguistics (1½-hour paper)
An oral examination in French and an oral examination in phonetics.

French and Management Studies

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including French at A level; GCSE level Mathematics.

PERIOD ABROAD

Candidates will be required to spend the third year of study in a French-speaking country approved by both Departments. During this year, they will follow a course of study at a university or institution of comparable standing *or* be attached to an industrial, commercial or administrative organization *or* at the discretion of the Heads of both Departments, take a post as *assistant* in a French educational institution. Only in the last two cases can they be expected to receive a salary or stipend, and the cost of residence abroad is not included in the normal fee for this scheme. During this year, students will write a long essay concerned either with the course of study they are following or with the organization to which they are attached. They will also submit such other written work as may be required by the two departments.

FIRST-YEAR EXAMINATION

1. French: As first-year examination 2 for Arabic and French
2. Management Studies: Three papers as follows:
   (a) Organization studies C1 (2 hours)
   (b) Management economics C1 (2 hours)
   (c) Models for planning C1 (2 hours)
3. One other approved subject.

SECOND YEAR: PART I EXAMINATION

Candidates will be examined at the end of the second term of the second year by 1½-hour papers on two of the following: Seventeenth-century French literature; Eighteenth-century French literature; History, structure and use of the French language; French history and institutions 1789–1851; problems of modern France; and at the end of the third term in Organization studies C2, Management economics C2 and Models for control C2 (three 2-hour papers). These papers will constitute Part I of the final examination for the degree of B.A. in French and Management Studies.

FINAL EXAMINATION

1-3. As final examination 5-7 for Arabic and French
4. Seventeenth-century French tragedy *or* Literature and imagination in the Enlightenment *or* Nineteenth-century French fiction *or* Modern poetry from Baudelaire to Valéry *or* Contemporary French history and institutions *or* Nature and use of Modern French
5. Conference précis-writing (equivalent to one 1½-hour paper)
6. Business policy C3
7-8. Two papers selected from:*

Advanced strategy C3
Financial management C3
Financial planning and control C3
Languages, cultures and international management C3
Management and work design C3
Management Research Methods C3
Marketing C3
Organization behaviour C3
Organization diagnosis, design and development C3
Personnel Management C3
Political Economy of the Firm C3
Problem-solving in organizations — consulting skills C3
Production/Operations management C3
Statistics in Business C3
Strategic Gaming C3
Theatre of Management C3

An oral examination in French.

French and Music

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including French and preferably Music at A level.

PERIOD ABROAD

Candidates will be required to spend the third year of study in France or a French-speaking country. If possible, arrangements will be made for students to take a post as *assistant*, preferably in a town that has a *conservatoire de musique*. If such arrangements cannot be made, students will be required to spend an academic year following a course of study at a French-speaking university approved by the Heads of both Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

* Not all these courses will necessarily be available in any one year, and new courses may be added from time to time.

During the year abroad, candidates will continue practical musical studies, write a dissertation of about 8,000 words which may relate to French or music or to some topic combining these two subjects (see 7 under Final Examination below), and submit such other written work as may be required by the two departments.

FIRST-YEAR EXAMINATION

1. French: As first-year examination 2 for Arabic and French
2. Music: As first-year examination 2 for English and Music
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

French

Two of the following to be taken at the end of the second term:

1. Seventeenth-century French literature (1½-hour paper)
2. Eighteenth-century French literature (1½-hour paper)
3. History, structure and use of the French language (1½-hour paper)
4. Problems of modern France (1½-hour paper)

Music

5. Counterpoint and harmony 2 (one paper to be written over three days) *or* Music analysis 2

Aural and practical tests.

The standard attained in these Part I examinations will be taken into account in assessing the final degree results.

There will be departmental examinations in Musical ideas in the twentieth century *or* prescribed works and in the special study.

PART II FINAL EXAMINATION

1-3. As final examination 5-7 for Arabic and French
4. Nineteenth-century French fiction *or* Modern poetry from Baudelaire to Valéry
5-6. As final examination 3-4 for English and Music
7. An essay of about 8,000 words written in English on a subject in French or music or linking the two fields of study. The title should be submitted to the Heads of the two Departments for approval by the end of the first term of the year abroad; the essay to be submitted by the last day of the second term of the final year.

An oral examination in French.

Candidates may be required to take an oral examination in Music.

French and Philosophy

Four years, including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including French at A level. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of philosophy.

SCHEME OF STUDY

Candidates will be required to spend the third year of study in France or a French-speaking country. During this year they will write a long essay on a philosophical topic, the subject of which should be approved beforehand by the Head of the Department of Philosophy, and

submit such other written work as may be required by the two Departments. If possible, arrangements will be made for students to take a post as *assistant*. If such arrangements cannot be made, students will be required to spend the academic year pursuing a course of study at a French-speaking university approved by the Heads of both Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. French: As first-year examination 2 for Arabic and French
2. Philosophy: As first-year examination 4 for Economics and Politics
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

French
Candidates will be examined at the end of the second term of the second year in *two* of the following:

(a) Seventeenth-century French literature (1½-hour paper)
(b) Eighteenth-century French literature (1½-hour paper)
(c) History, structure and use of the French language (1½-hour paper)
(d) Problems of modern France (1½-hour paper)
(e) French history and institutions 1789–1851

Philosophy
Candidates will be examined during the third term of the second year on the following papers:

(a) History of modern philosophy
(b) *Either* Ethics *or* Political and social philosophy

FINAL YEAR: PART II FINAL EXAMINATION

1-3. As final examination 5-7 for Arabic and French
4. Seventeenth-century French tragedy *or* Literature and imagination in the Enlightenment *or* Nineteenth-century French fiction *or* Modern poetry from Baudelaire to Valéry *or* Literature and politics in twentieth-century France *or* Contemporary French history and institutions *or* Nature and use of modern French.
5. *Either* Philosophical problems *or* Philosophical logic
(Candidates who wish to take Philosophical logic must have attended a course in Formal logic during their second year.)
6. Modern continental philosophy or another paper in Philosophy linking the study of Philosophy with that of French.*
7. *Either* a further paper in Philosophy chosen with the approval of the Head of the Department of Philosophy from the list of papers for the Part I and Part II examinations for the degree of B.A. in Philosophy, including papers on the bridge and special subjects listed*; *or* a long essay of 8,000–10,000 words on a topic chosen with the approval of the Head of the Department of Philosophy by the beginning of the final year, to be submitted by the first day of the third term of the final year.

There will be an oral examination in French and candidates may also be required to present themselves for an oral examination in Philosophy.

* If Modern continental philosophy or any other bridge or special subject in Philosophy is taken, then with the permission of the Head of the Department of Philosophy, two essays of not more than 5,000 words each on approved topics within the area covered by the chosen paper may be submitted not later than the first day of the third term of the final year, in place of a 3-hour examination paper. The decision as to whether a candidate is to sit a 3-hour paper or submit two essays must be made by 1 December in the final year.

French and Portuguese

Four years including a year abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including French at A level.

PERIOD ABROAD

Students will normally be required to spend the third year of study in France or Portugal and to spend the third term of the second year in the other country. If possible, arrangements will be made for students spending the year in France to work as *assistants*. If such arrangements cannot be made, they will be required to attend a course of study at a French-speaking university approved by the Heads of both Departments. Students who spend the year in Portugal will normally be expected to attend approved courses at a university or similar institution. The cost of residence abroad is not included in the normal fee for an arts scheme.
During the year abroad candidates will write a dissertation on an approved topic within the fields of French or Portuguese, or combining both subjects, and submit such other work as may be required by the two Departments.

FIRST-YEAR EXAMINATION

1. French: As first-year examination 2 for Arabic and French
2. Portuguese:
   (a) Portuguese language
   (b) Modern Portuguese literature

An oral examination in Portuguese
In addition students will attend essay tutorials on the Portuguese literature studies, and the work done on these will be taken into account.
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION (to be taken at the end of the second term)

1-2. Two of the following:
   (a) Seventeenth-century French literature (1½-hour paper)
   (b) Eighteenth-century French literature (1½-hour paper)
   (c) History, structure and use of the French language (1½-hour paper)
   (d) Problems of modern France (1½-hour paper)
3. Nineteenth-century and twentieth-century Portuguese literature.

PART II FINAL EXAMINATION

1-3. As final examination 5-7 for Arabic and French
4. Seventeenth-century tragedy *or* nineteenth-century French fiction *or* Modern poetry from Baudelaire to Valéry *or* Literature and politics in twentieth-century France *or* Contemporary French history and institutions *or* Nature and use of Modern French
5-10. As final examination 3-8 for English and Portuguese
Oral examinations in both languages.

French and Religious Studies

Four years including a year abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including French at A level.

PERIOD ABROAD

Candidates will be required to spend the third year of study in France or a French-speaking country. During this year they will write a dissertation, which may relate to French or religious studies or to some topic combining these subjects, and submit such other written work as may be required by the two Departments. If possible, arrangements will be made for students to take a post as *assistant*. If such arrangements cannot be made, students will be required to spend the academic year following a course of study at a French-speaking university approved by the Heads of both Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. French: As first-year examination 2 for Arabic and French
2. Religious Studies: As first-year examination 2 for Arabic and Religious Studies
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

Candidates will be examined at the end of the second term of the second year by 1½-hour papers on two of the following: Seventeenth-century French literature; Eighteenth-century French literature; French history and institutions from 1789–1851; Problems of modern France. These papers will constitute Part I of the final examination.

PART II FINAL EXAMINATION

1-3. As final examination 5-7 for Arabic and French
4. Seventeenth-century French tragedy *or* Literature and imagination in the Enlightenment *or* Nineteenth-century French fiction *or* Literature and politics in twentieth-century France *or* Contemporary French history and institutions *or* Nature and use of Modern French
5-8. As final examination 5-8 for Arabic and Religious Studies.

An oral examination in French.

French and Roman Civilization

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including French at A level.

PERIOD ABROAD

Candidates will be required to spend the third year of study in a French-speaking country. During this year they will write an essay (i.e. no. 9 under Final Examination below) and submit such other written work as may be required by the two Departments. If possible, arrangements will be made for students to take a post as *assistant*. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Roman Civilization: As first-year examination 2 for Arabic and Roman Civilization
2. French: As first-year examination 2 for Arabic and French
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

Candidates will be examined at the end of the second term of the second year in seventeenth-century French literature (1½-hour paper) and *one* of the following:
(a) French history and institutions 1789–1851 (1½-hour paper) *or*
(b) History, structure and use of the French language (1½-hour paper).
These papers will constitute Part I of the final examination for the degree of B.A. in French and Roman Civilization.

PART II FINAL EXAMINATION

1-4. As final examination 5-8 for Arabic and Roman Civilization
5-7. As final examination 5-7 for Arabic and French
8. *One* of the following:
(a) Seventeenth-century French tragedy
(b) Nineteenth-century French fiction
(c) Modern poetry from Baudelaire to Valéry
(d) Contemporary French history and institutions
(e) Nature and use of of modern French
9. Candidates will be required to present by 15 October in their final year of study an essay of between 8,000–10,000 words on a subject approved by the Chairman of the School of Classics. The subject must be submitted for approval by the end of the third term of the second year of study.
An oral examination in French.

French and Theology

Four years including a year abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including French at A level.

PERIOD ABROAD

Candidates will be required to spend the third year of study in France or a French-speaking country. During this year they will write a dissertation, which may relate to French or theology or to some topic combining these subjects, and submit such other written work as may be required by the two Departments. If possible, arrangements will be made for students to take a post as *assistant*. If such arrangements cannot be made, students will be required to spend the academic year following a course of study at a French-speaking university approved by the Heads of both Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. French: As first-year examination 2 for Arabic and French
2. Theology: As first-year examination 2 for Arabic and Theology
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

As the Part I Examination for French and Religious Studies.

PART II FINAL EXAMINATION

1-3. As final examination 5-7 for Arabic and French
4. Seventeenth-century French tragedy *or* Literature and imagination in the Enlighten-

ment *or* Nineteenth-century French fiction *or* Modern poetry from Baudelaire to Valéry *or* Literature and politics in twentieth-century France *or* Contemporary French history and institutions *or* Nature and use of Modern French
5-8. As final examination 5-8 for Arabic and Theology.

An oral examination in French.

French Language and Literature*

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels or one A level with four AS levels, including French at A level.

SCHEME OF STUDY AND EXAMINATION

First Year
1. Practical work in written and oral French: translation into French; translation into English
2. Introduction to the study of language and Romance philology;† phonetics; history and structure of the French language
3. French literature from 1800 to the present day
4. The development of French society
5. An introduction to modern France 1945 to the present day
6. Introduction to critical concepts and textual analysis

One other approved subject.

A qualifying examination must normally be passed by candidates before they proceed to further study. In French, this will consist of an oral examination and the following papers, which, unless otherwise indicated, will be of three hours each:
1. Translation into French, translation into English
2. Essay in French (1½ hours)
3. French literature from 1800 to the present day
4. Introduction to language; Romance philology; history and structure of the French language†
5. Phonetics (1½ hours)
6. The development of French society; Introduction to Modern France from 1945 to the present day
7. Two essays of approximately 1,500 words on approved topics, to be submitted by 1 May.

Second Year
1. Practical work in written and oral French

Three of the following to be selected with the approval of the Head of the Department:
2. History, structure and use of the French language
3. French history and institutions 1789–1851
4. Problems of modern France
5. Seventeenth-century French literature
6. Eighteenth-century French literature.

* The title of this degree will include the name of the subsidiary subject which has been read throughout the scheme of study.
† provisional

During the year abroad, students will be required to write a long essay *(mémoire)* in French on a topic approved by the Head of the Department of French, and submit such other written work as may be required by the Department.

Final Year

1. Translation into French
2. Translation into English
3. Practical exercises in written and oral French

4-5. *Two* options from the following list* to be selected with the approval of the Head of the Department:

Renaissance and Reformation Literature
Seventeenth-century French tragedy
Literature and imagination in the Enlightenment
Nineteenth-century French fiction
Modern poetry from Baudelaire to Valéry
Literature and politics in twentieth-century France
Contemporary French history and institutions
Nature and use of Modern French

6. *One* of the following special subjects* to be selected with the approval of the Head of the Department:

(a) Pascal
(b) Molière
(c) Eighteenth-century French society
(d) Nineteenth-century French thinkers
(e) Women in French literature
(f) Twentieth-century French drama
(g) Proust
(h) Ionesco
(i) Surrealism
(j) The Occupation in French literature
(k) French cinema in the 1930s
(l) *Les média français*
(m) Modern colloquial French
(n) French and the world of business
(o) Twentieth-century French novel
(p) French as an administrative language

In addition to the above, students will be required to take in their second and final years a subsidiary subject which they have already studied in their first year and which is subject to the approval of the Head of the Department of French; and to present themselves for the necessary examinations. With the approval of the Head of the Department an examination in this subsidiary subject may be held in March of the second year of study when the department teaching the subsidiary subject so wishes. The final examination in the subsidiary subject will be regarded as the equivalent of two three-hour papers and the results obtained will be taken into account on this basis when considering the result of the final degree examination in the subsidiary subject, which is an integral part of the final degree examination.

The third term of the second year will normally be spent at a university abroad, the choice of the university to be subject to the approval of the Head of the Department of French in consultation with the Head of the Department in which the subsidiary subject is taken.

* Not all the subjects in these lists will necessarily be available in any one year, and new subjects may be added from time to time.

Students taking another foreign language as a subsidiary subject will be required to spend this term in a country where the language is spoken; students not taking another foreign language as a subsidiary subject will spend the third term following an approved course of study at a French university. Any student taking another modern language as a subsidiary subject who is unable to spend the third term of the second year in this manner will be required, before his or her final year, to spend at least one month at an approved vacation course in a country where the subsidiary language is spoken.

Students will also be required to spend the third year in France before returning to Leeds for their final year. Whenever possible, arrangements will be made for students to take a post of English-speaking *assistant* in a French educational institution. When such a post cannot be found, students will be required to follow an approved course of study of one academic year at a French university.

The cost of residence abroad is not included in the normal fee for an arts scheme.

FINAL EXAMINATION

The final examination will consist of an oral examination and the papers listed below, which, unless otherwise indicated, will be of three hours each. The following papers will be taken in March of the second year and the marks obtained in them will be used in determining the class of degree awarded:

1-3. Three 1½-hour papers, one on each of the subjects chosen for study in the second year (2-6 in the scheme of study for the second year).

The following papers will be taken at the end of the final year:
1. Translation into French
2. Translation into English
3. Essay in French
4-5. Two papers, one on each of the options chosen for study in the final year (4-5 in the scheme of study for the final year)
6. Special subject.
In addition the examination as required for the subsidiary subject.

FRENCH AS A SUBSIDIARY SUBJECT

Students taking French as a subsidiary subject in *other* single-subject schemes will be required to take the following courses in the second year:

Prose and essay
Translation
One of the second year options listed on p. 105
Phonetics and conversation

In the third year:
Prose and essay
Translation
One of the final year options listed on p. 106
Conversation

An examination in this subsidiary subject will be held in March of the second year of study. The results obtained will be taken into account in considering the results of the final examination in the subsidiary subject, which is an integral part of the final degree examination.

Students taking French as a subsidiary subject to another modern language will, if they reside for a year in the country where this main language is spoken, spend the summer term of their second year at a French-speaking university approved by the Head of the Department of French. Students who take French as a subsidiary subject to another

modern language but who do not reside for a year in the country where this main language is spoken will, before returning to Leeds for their final year, follow a vacation course at a French-speaking university approved by the Head of the Department of French.

Students taking French as a subsidiary subject to Russian will either spend the summer term of their second year in Russia (or an Eastern European country) and a summer vacation course at a university in France (or a French-speaking country) approved by the Heads of both Departments; or will spend the summer term of their second year at a French university approved by the Heads of both Departments.

Students taking French as a subsidiary subject to Latin will spend the summer term of their second year in a French-speaking university approved by the Head of the Department of French.

Geography

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Geography at A level. Closely related A level subjects such as environmental studies may be substituted for geography. Appropriate combinations of A level subjects which do not include geography will also be considered.
Mathematics at GCSE level is normally required.

SCHEME OF STUDY AND EXAMINATIONS

First Year

1. (a) *Two* half courses chosen from:
   Historical geography *or*
   Urbanization processes *or*
   Environmental science
   (b) Environmental processes
   (c) Geographical analysis — systems, location and resources
   (d) Geography Practical I
2. Economics*
3. Geology*

A qualifying examination in these three subjects will be held at the end of the first year and must normally be passed by candidates before they proceed to further study.
1. Geography: Three papers in 1(a)-(c) above. Geography Practical I will be examined by continuous assessment.
2. Economics (or another subject)
3. Geology (or another subject).

Second Year

Students will attend seven courses as follows:
1. Approaches in human geography
2-5. *Four* courses selected from the following list. Of these four courses one, but not more than one, may comprise two half-courses (indicated); and either one or two must be physical courses (indicated).
   Urban studies
   Natural resources
   Spatial economic systems and regional development
   Third World issues and problems (half-course)

* Another subject may be substituted with the approval of the Chairman of the School.

Contemporary rural change in Atlantic Europe (half-course)
Population studies (half-course)
Theories of rural change (half-course)
Environmental change (physical)
Climate and biogeography (physical)
Catchment dynamics (physical)

6. Geography Practical II. The course attended should be one of the following:
   (a) Historical data sources, social survey techniques, and computing methods in human geography
   (b) Modelling and computing methods in human geography
   (c) Cartography, photogrammetry, remote sensing and surveying
7. An approved course *either* in another subject *or* in geography. The approved course in geography is normally one of the following:
   (a) Historical geography of Monsoon Asia
   (b) A course selected from those offered within Geography Practical II and recommended for B.A. students, additional to that chosen for Geography Practical II itself. By permission of the Chairman of the School of Geography, one of the following B.Sc. courses may be substituted:
      (i) Modelling and computing methods for physical geography
      (ii) Biogeography laboratory
      (iii) Meteorology and hydrology laboratory

At the end of the second year candidates will present themselves for the Part I examination and must satisfy the examiners before proceeding to further study. A candidate who does not satisfy the examiners at the first attempt will not thereafter be eligible for the award of the degree with honours. The Part I examination consists of the following six papers. One paper (1½-hours) on each of the four chosen courses; one paper on Geography Practical II (1½-hours) plus continuous assessment; and one paper on the approved course (3 hours) — except that where the approved course is a second Geography Practical II course, this should be examined by one paper of 1½ hours plus continuous assessment, or by continuous assessment entirely.

Third Year

At the end of their third academic year candidates will sit the examination for the degree of Bachelor of Arts in Geography, Part II, taking five papers as follows:

1. Approaches in human geography
2. *Four* papers from: *
   Urban and regional modelling and planning theory
   Resource studies (one or two courses)
   Historical analysis of settlement in Britain
   Urban planning and development
   Photogrammetric mapping and remote sensing of the environment
   Spatial population analysis and policy
   Regional analysis and planning
   The geography of public services
   China
   Latin America
   U.S.S.R.
3. In addition, by the first Monday of the final year of study, all candidates must submit a dissertation normally not exceeding 10,000 words in length on a topic in geography to be chosen with the approval of the Chairman of the School.

* For *one* of these courses and examinations, and with the approval of the Chairman of the School, a candidate may substitute a lecture course from the B.Sc. scheme of study. Not all of these courses will necessarily be offered every year, and the list may be varied from time to time.

In both Part I and Part II of the final examination, candidates may be required to present themselves for an oral examination.

Tutorials ranging over the main lecture subjects in geography will be held. Project or essay work is an integral part of some courses. In these courses candidates will be required to submit written reports or essays of not more than 1,500 words by the first day of the third term of the year, for assessment as part of the examinations.

Field-work is an integral part of the degree scheme and may be tested in the examinations in geography. In addition to local projects, all students must attend field courses in two of the three years.

Geography and History

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Geography at A level; GCSE level Mathematics. Closely related A level subjects such as Environmental Studies may be substituted for Geography. Appropriate combinations of A level subjects which do not include Geography will also be considered.

FIRST-YEAR EXAMINATION

1. Geography: As first-year examination 2 for Economic History and Geography
2. History: As first-year examination 2 for Economics and History
3. One other approved subject.

FINAL EXAMINATION

1. Historical analysis of settlement in Britain
2. *Either* China *or* U.S.S.R.

3-4. *Four* 1½-hour papers examining four courses selected from the following list. Of these four courses, one, but not more than one, may comprise two half-courses (indicated); and either one or two may be physical courses (indicated). These papers constitute the equivalent of two full papers in the final examination.

Urban studies
Natural resources
Spatial economic systems and regional development
Third World issues and problems (half-course)
Contemporary rural change in Atlantic Europe (half-course)
Population studies (half-course)
Theories of rural change (half-course)
Environmental change (physical)
Climate and biogeography (physical)
Catchment dynamics (physical)
Geography practical II. The course attended should be one of those listed for the B.A. degree in geography

5. *Either* one paper selected from:*

Urban and regional modelling and planning theory
Resource Studies
Urban planning and development
Photogrammetric mapping and remote sensing of the environment
Spatial population analysis and policy
Regional analysis and planning
The geography of public services

* For this course, with the approval of the Chairman of the School of Geography, a candidate may substitute a lecture course from the B.Sc. scheme of study.

China*
Latin America
U.S.S.R.*
Approaches in human geography, provided that the course has been attended in both second and third years

Or A dissertation of about 8,000 words on a topic in geography, approved by the Chairman of the School, to be presented by 1 May in the final year. Candidates must commit themselves to writing a dissertation not later than the beginning of the session in which the work is to be submitted.

6. Roman Britain *or one* of the following papers in English history:
   (a) from earliest times to 1042
   (b) from 1042–1460
7. History of Eastern Asia from 1840 *or* History of Russia from 1856†
8-9. An additional two courses to be chosen with the approval of the Chairman of the School of History from the European or World history courses listed under final examination for History.

In the final examination in geography, candidates may be required to present themselves for an oral examination.

In the School of Geography tutorials ranging over the main lecture subjects will be held. Practical classes are held for all students in the first year. Project and essay work is an integral part of some courses in geography. In these courses candidates will be required to submit written project reports or essays of not more than 1,500 words by the first day of the third term of the year, for assessment as part of the examinations. Field-work in geography is an integral part of the degree course and may be tested in the examinations. In addition to local projects, all students must attend at least one field course, which will normally be held in a vacation. Candidates will also be required to attend field courses in connection with the subject Roman Britain.

Geography and Management Studies

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels including Geography at A level; GCSE level Mathematics.

FIRST-YEAR EXAMINATION

1. Geography: As first-year examination 2 for Economic History and Geography
2. Management Studies: As first-year examination 2 for French and Management Studies
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

At the end of the second year candidates will present themselves for the Part I examination and must satisfy the examiners before proceeding to further study. A candidate who does not satisfy the examiners at the first attempt will not thereafter be eligible for the award of the degree with honours.

1. Geography: *Four* 1½-hour papers examining four courses selected from the following list. Of these four courses, one, but not more than one, may comprise two half-courses (indicated); and either one or two may be physical courses (indicated):
   Urban studies
   Natural resources

* Depending on choice 2 above.
† Students will be required to select under 9 the option appropriate to their field of regional study under 2.

Spatial economic systems and regional development
Third World issues and problems (half-course)
Contemporary rural change in Atlantic Europe (half-course)
Population studies (half-course)
Theories of rural change (half-course)
Environmental change (physical)
Climate and biogeography (physical)
Catchment dynamics (physical)
Geography practical II. The course attended should be one of those listed for the B.A. degree in Geography.

These papers constitute the equivalent of two papers at the final examination.

2. Management Studies: Three papers as follows:
   (a) Organization Studies C2 (2 hours)
   (b) Management Economics C2 (2 hours)
   (c) Models for Control C2 (2 hours)

PART II FINAL EXAMINATION

1-2. *Two* papers selected from:*
Urban and regional modelling and planning theory
Resource studies (one or two papers)
Urban planning and development
Regional analysis and planning
The geography of public services
Photogrammetric mapping and remote sensing of the environment
Spatial population analysis and policy
China
Latin America
U.S.S.R.
Historical analysis of settlement in Britain
Approaches in human geography, provided that the course has been attended in both second and third years

3. Business policy C3
4. *One* paper selected from:†
Advanced strategy C3
Financial management C3
Financial planning and control C3
Languages, cultures and international management C3
Management and work design C3
Management Research Methods C3
Marketing C3
Organization behaviour C3
Organization diagnosis, design and development C3
Personnel Management C3
Political Economy of the Firm C3
Problem-solving in organizations — consulting skills C3
Production/Operations management C3
Statistics in Business C3
Strategic Gaming C3
Theatre of Management C3

* For *one* of the courses, with the approval of the Chairman of the School of Geography, a candidate may substitute a lecture course from the B.Sc. scheme of study.

† Not all these courses will necessarily be available in any one year, and new approved courses may be added from time to time.

5. A project/dissertation of 8,000–10,000 words on a topic, to be approved by the heads of both departments, in geography or management studies, or a topic combining both fields, to be presented by 1 May in the final year.

In the final examination in geography, candidates may be required to present themselves for an oral examination.

In the School of Geography tutorials ranging over the main lecture subjects will be held. Practical classes are held for all students in the first year. Project or essay work is an integral part of some courses in geography. In these courses candidates will be required to submit written reports or essays of not more than 1,500 words by the first day of the third term of the year, for assessment as part of the examinations. Field-work in geography is an integral part of the degree course and may be tested in the examinations. In addition to local projects, all students must attend at least one field course, which will normally be held in a vacation.

Geography and Mathematics

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Geography and Mathematics at A level. Closely-related A level subjects such as Environmental Studies may be substituted for Geography. Appropriate combinations of A level subjects which do not include Geography will also be considered.

FIRST-YEAR EXAMINATION

1. Geography: As first-year examination 2 for Economic History and Geography
2. Mathematics: 2 or 3 papers
3. One other approved subject.

SECOND-YEAR EXAMINATION

1. Geography: *Four* 1½-hour papers examining four courses, as for second-year examination in geography for Geography and Management Studies.
These papers constitute the equivalent of two full papers in the final examination.
2. Mathematics: Examinations on the courses studied during the year (three 3-hour papers or their equivalent)

A candidate may not proceed to the third year unless he/she has passed these examinations and his/her performance on these papers will be taken into account in assessing the result of the final examination.

FINAL EXAMINATION

1-2. *Two* papers selected from:*
Urban and regional modelling and planning theory
Resource studies
Historical analysis of settlement in Britain
Urban planning and development
Photogrammetric mapping and remote sensing of the environment
Spatial population analysis and policy
Regional analysis and planning
The geography of public services
China

* For *one* of these courses, with the approval of the Chairman of the School of Geography, a candidate may substitute a lecture course from the B.Sc. scheme of study.

Latin America
U.S.S.R.
Approaches in human geography (provided that the course has been attended in both second and third years).

3-6. Four papers in mathematics (which may be of two or three hours' duration)

7. An additional paper in geography *or* mathematics, to be chosen with the approval of the Chairman of the appropriate School; *or* a dissertation of about 8,000 words on a topic in geography, approved by the Chairman of the School, to be presented by 1 May in the final year. Candidates must commit themselves to writing a dissertation not later than the beginning of the session in which the work is to be submitted.

In the final examination in geography, candidates may be required to present themselves for an oral examination.

In the School of Geography tutorials ranging over the main lecture subjects will be held. Practical classes are held for all students in the first year. Project or essay work is an integral part of some courses in geography. In these courses candidates will be required to submit written reports or essays of not more than 1,500 words by the first day of the third term of the year, for assessment as part of the examinations. Field-work in geography is an integral part of the degree course and may be tested in the examinations. In addition to local projects, all students must attend at least one field course, which will normally be held in a vacation.

Candidates will be required to attend approved courses in the School of Mathematics, submit written work as directed and pass such examinations as may be prescribed.

Geography and Philosophy

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Geography at A level; GCSE level Mathematics. Closely-related A level subjects such as Environmental Studies may be substituted for Geography. Appropriate combinations of A level subjects which do not include Geography will also be considered. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of philosophy.

FIRST-YEAR EXAMINATION

1. Geography: As first-year examination 2 for Economic History and Geography
2. Philosophy: As first-year examination 4 for Economics and Politics
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

At the end of the second year candidates will present themselves for the Part I examination and must satisfy the examiners before proceeding to further study. A candidate who does not satisfy the examiners at the first attempt will not thereafter be eligible for the award of the degree with honours.

1. Geography: *Four* 1½-hour papers examining four courses, as for second-year examination in geography for Geography and Management Studies. These papers constitute the equivalent of two full papers in the final examination.
2. Philosophy: *Two* papers as follows:
   (a) History of Modern Philosophy
   (b) Political and Social Philosophy.

PART II FINAL EXAMINATION

Five papers or paper equivalents, as follows:

1-2. Two papers selected from:*
Urban and regional modelling and planning theory
Resource studies (one or two papers)
Urban planning and development
Regional analysis and planning
The geography of public services
Photogrammetric mapping and remote sensing of the environment
Spatial population analysis and policy
China
Latin America
USSR
Historical analysis of settlement in Britain
Approaches in human geography, provided that the course has been attended in both second and third years
Philosophy and geography

3. *Either* Philosophical problems *or* Philosophical logic
(Candidates who wish to take Philosophical logic must have attended a course in Formal logic during their second year.)

4. Philosophy and Geography (if not taken under 1–2 above), *or* Philosophy of Science, *or* another paper not already taken to be chosen with the approval of the Head of the Department of Philosophy from the list of papers for the Part I and Part II examinations for the degree of B.A. in Philosophy, including papers on the bridge and special subjects listed.†

5. *Either* a final paper selected from those available in Geography or Philosophy† *or* a dissertation of 8,000–10,000 words on a topic to be approved by the Chairman of the School of Geography and the Head of the Department of Philosophy, in Geography or Philosophy or on a topic combining both subjects to be presented by 1 May in the final year.

In the final examinations in both Geography and Philosophy, candidates may be required to present themselves for oral examinations.

In the School of Geography, tutorials ranging over the main lecture subjects will be held. Practical classes are held for all students in the first year. Project or essay work is an integral part of some courses in geography. In these courses candidates will be required to submit written reports or essays of not more than 1,500 words by the first day of the third term of the year, for assessment as part of the examinations. Field-work in geography is an integral part of the degree scheme and may be tested in the examinations. In addition to local projects, all students must attend at least one field course, which will normally be held in a vacation.

* With the approval of the Chairman of the School of Geography, a candidate may substitute a lecture course from the B.Sc. scheme of study.

† When the paper taken is a bridge or special subject in Philosophy, then with the permission of the Head of the Department of Philosophy, two essays of not more than 5,000 words each on approved topics within the area covered by the chosen paper may be submitted not later than the first day of the third term of the final year, in place of a 3-hour examination paper. The decision as to whether a candidate is to sit a 3-hour paper or submit two essays must be made by 1 December in the final year.

Geography and Politics

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Geography at A level; GCSE level Mathematics. Closely-related A level subjects such as Environmental Studies may be substituted for Geography. Appropriate combinations of A level subjects which do not include Geography will also be considered.

First Year

1. Geography
2. Politics
3. *One* of economics, social policy and administration, sociology, history, an approved foreign language.

In exceptional circumstances another subject chosen with the approval of the Chairman of the School of Geography and the Head of the Department of Politics may be allowed in lieu of those listed in 3 above.

FIRST-YEAR EXAMINATION

A qualifying examination in each of the three subjects taken, which must normally be passed by candidates before they proceed to further study, will be held at the end of the first year. The papers in each subject will be:

1. Geography: As first-year examination 2 for Economic History and Geography
2. Politics: As first-year examination 2 for Economics and Politics
3. Economics: As first-year examination 1 for Economics and Geography
4. Social Policy and Administration: As first-year examination 6 for Economics and Politics
5. Sociology: As first-year examination 7 for Economics and Politics
6. History: As first-year examination 2 for Economics and History
7. The required papers in an approved foreign language or another approved subject.

Second and Third Years

1-2. *Four* 1½-hour papers examining four courses selected from the following list. Of these four courses, one, but not more than one, may comprise two half-courses (indicated); and either one or two may be physical courses (indicated). These papers constitute the equivalent of two full papers in the final examination.

Urban studies
Natural resources
Spatial economic systems and regional development
Third World issues and problems (half-course)
Contemporary rural change in Atlantic Europe (half-course)
Population studies (half-course)
Theories of rural change (half-course)
Environmental change (physical)
Climate and biogeography (physical)
Catchment dynamics (physical)
Geography practical II. The course attended should be one of those listed for the B.A. degree in Geography.

3-4. *Two* courses selected from:*
Urban and regional modelling and planning theory
Resource studies (one or two papers)

* For *one* of these courses with the approval of the Chairman of the School of Geography, a candidate may substitute a lecture course from the B.Sc. scheme of study.

Historical analysis of settlement in Britain
Urban planning and development
Photogrammetric mapping and remote sensing of the environment
Spatial population analysis and policy
Regional analysis and planning
The geography of public services
China
Latin America
U.S.S.R.
Approaches in human geography (provided that the course has been attended in both second and third years)

5-7. As second and third years 4-6 for Economics and Politics

8. Another course in politics chosen with the approval of the Head of the Department of Politics

9. Another course in geography normally available to third-year single-subject students in geography
Or another course in politics offered to students reading for the degree in Political Studies, to be chosen with the approval of the Chairman of the School of Geography or the Head of the Department of Politics*
Or a dissertation of about 8,000 words on a topic in geography approved by the Chairman of the School to be presented by 1 May in the final year. Candidates must commit themselves to writing a dissertation not later than the beginning of the session in which the work is to be submitted.

In the School of Geography tutorials ranging over the main lecture subjects will be held. Practical classes are held for all students in the first year. Project and essay work is an integral part of some courses in geography. In these courses candidates will be required to submit written reports or essays of not more than 1,500 words by the first day of the third term of the year, for assessment as part of the examinations. Field work in geography is an integral part of the degree course and may be tested in the examinations. In addition to local projects, all students must attend at least one field course, which will normally be held in a vacation.

FINAL EXAMINATION

The final examination will consist of *nine* papers, taken at the end of the third academic year, in the second and third year courses.

With the approval of the Head of the Department of Politics candidates may substitute an essay of 5,000–8,000 words, or three essays of 2,000–3,000 words each, for the paper Modern foreign governments and comparative government.

Candidates who so elect must apply in writing for permission to be examined by essay(s) not later than the first day of the third term of the second year. Each topic must be approved by the Head of the Department of Politics, and the essay(s) must be submitted not later than the first day of the first term of the final year.

With the approval of the Head of the Department of Politics and the Chairman of the School of Geography candidates may also substitute an essay of 5,000–8,000 words for each of the papers in not more than *two* additional courses in politics. The length of the essay(s) and other conditions governing this method of examination will be the same as are prescribed in the regulations for the B.A. in political studies.

In the final examination in geography, candidates may be required to present themselves for an oral examination.

* Not all the courses listed will necessarily be offered in any one year and new courses may be added from time to time.

Geography and Russian Studies

Schemes of study extending over a period of four years (Scheme 2) or four years including a year abroad (Scheme 1).

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Geography at A level; GCSE level Mathematics. In the case of Scheme 1, one of the A level passes should normally be in Russian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language. Closely-related A level subjects such as Environmental Studies may be substituted for Geography. Appropriate combinations of A level subjects which do not include Geography will also be considered.

PERIOD ABROAD

SCHEME 1. Candidates will normally be required to spend the third year of study in the USSR, or in an East European country, or in a Russian-speaking environment. The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME 2. Candidates will normally be required to spend a period of not less than three months in the USSR or a comparable period in an East European country at an appropriate point in the scheme. The cost of residence abroad is not included in the normal fee for an arts scheme.

EXAMINATIONS

FIRST-YEAR EXAMINATION FOR SCHEME 2

As first-year examination for scheme 2 in Economics and Russian

SECOND-YEAR EXAMINATION FOR SCHEME 2, FIRST-YEAR EXAMINATION FOR SCHEME 1

1. Geography: As first-year examination 2 for Economic History and Geography
2. Russian:
   (a) Translation into Russian and essay in Russian
   (b) Translation from Russian (2-hour paper)
   (c) Aural (1½-hour paper)
   (d) Outline of Russian history to 1856 (Candidates whose course work in Russian history is satisfactory will be excused the degree examination in this course)

An oral examination

3. One other approved subject selected from those offered in the Faculty of Arts or the Faculty of Economic and Social Studies.

THIRD YEAR OF SCHEME 2, SECOND YEAR OF SCHEME 1

Geography: *Four* 1½-hour papers taken in September examining four courses as in second-year examination in geography for Geography and Management Studies.

These papers constitute the equivalent of two full papers in the final examination.

FINAL EXAMINATION

1. *One* paper selected from:*
   (a) Urban and regional modelling and planning theory

* For this course, with the approval of the Chairman of the School of Geography, a candidate may substitute a lecture course from the B.Sc. scheme of study.

(b) Resource studies
(c) Historical analysis of settlement in Britain
(d) Urban planning and development
(e) Photogrammetric mapping and remote sensing of the environment
(f) Spatial population analysis and policy
(g) Regional analysis and planning
(h) The geography of public services
(i) China
(j) Latin America
(k) Approaches in human geography, provided that the course has been attended through two years

2. Geography of the U.S.S.R.*
3-4. As final examination 5-6 for Arabic and Russian
5. History of Russia from 1856†
6. *One* paper selected from:
(a) Imperial expansion: Siberia and Canada, 1580-1913
(b) Soviet foreign policy
(c) Nineteenth-century Russian thought
(d) The Russian Church
(e) Bulgarian or Czech with prescribed texts
(f) Tolstoy and Dostoevsky
(g) Russian literature of the Soviet period‡
(h) The Russian novel§
(i) Russian drama*
(j) Contemporary Soviet politics, planning and society¶
(k) From Chekhov to Zamyatin: the Russian short story, 1890–1922
7. One of the following, to be chosen with the approval of the Chairman of the School of Geography and the Head of the Department of Russian Studies:
(a) a paper in geography normally available for third-year single-subject students
(b) a second paper in Russian Studies selected from those offered in (6) above
(c) a dissertation, normally not exceeding 10,000 words, on an approved topic in Geography or Russian Studies, or on a topic combining both fields, to be presented by 1 May in the final year. Candidates must commit themselves to writing a dissertation not later than the first day of the first term of the final year.
8. An oral examination in Russian.

In the final examination in geography, candidates may be required to present themselves for an oral examination.

In the School of Geography tutorials ranging over the main lecture subjects will be held. Practical classes are held for all students in the first year. Project or essay work is an integral part of some courses in geography. In these courses candidates will be required to submit written reports or essays of not more than 1,500 words by the first day of the third

* A 2-hour paper together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented by 1 May of the final year.

† To be examined by two essays of 2,000-3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds and by one essay of 4,000–5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

‡ A 2-hour paper together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented by the end of the first week of the final year for courses taken in a candidate's penultimate year or by 1 May for courses taken in the final year.

§ A 2-hour paper taken at the end of the second term of the penultimate year of study, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

¶ To be examined by three essays of about 3,000 words each on approved topics, to be submitted by 1 May of the final year.

term of the year, for assessment as part of the examinations. Field-work in geography is an integral part of the degree scheme and may be tested in the examinations. In addition to local projects, all students must attend at least one field course, which will normally be held in a vacation.

Geography and Sociology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Geography at A level; GCSE level Mathematics. Exceptionally two A levels only may be considered. Appropriate combinations of A level subjects which do not include Geography will also be considered.

First Year

1. Geography
2. Sociology
3. *Either* Economics *or* Politics.

FIRST-YEAR EXAMINATION

1. Geography: As first-year examination 2 for Economic History and Geography
2. Sociology: As first-year examination 7 for Economics and Politics
3. Economics: As first-year examination 1 for Economics and Geography
4. Politics: As first-year examination 2 for Economics and Politics.

FINAL EXAMINATION

PART I

At the end of the second year candidates will present themselves for the Part I examination and must satisfy the examiners before proceeding to further study. A candidate who does not satisfy the examiners at the first attempt will not thereafter be eligible for the award of the degree with honours.

1. Geography: *Four* 1½-hour papers examining four courses as for second-year examinations in geography for Geography and Management Studies. These papers constitute the equivalent of two full papers in the final examination.
2. Sociology: *Two* papers as follows:
   (a) Social Processes and Institutions I
   (b) Social Processes and Institutions II.

PART II

1-2. *Two* papers selected from:*
Urban and regional modelling and planning theory
Resource studies (one or two papers)
Historical analysis of settlement in Britain
Urban planning and development
Photogrammetric mapping and remote sensing of the environment
Spatial population analysis and policy
Regional analysis and planning
The geography of public services
China
Latin America
U.S.S.R.

* For *one* of these courses, with the approval of the Chairman of the School of Geography, a candidate may substitute a lecture course from the B.Sc. scheme of study.

Approaches in human geography (provided that the course has been attended in both second and third years)
3. Approaches to sociological theory
4. *One* paper selected from the optional courses offered in the Department of Social Policy and Sociology
5. *One* of the following, to be chosen with the approval of the Head of the Department of Social Policy and Sociology or the Chairman of the School of Geography:
   (a) A paper in sociology offered to students reading for a degree in sociology
   (b) A paper in geography normally available to third-year single-subject students in geography
   (c) A dissertation of about 8,000 words on a topic in geography approved by the Chairman of the School, to be presented by 1 May in the final year. Candidates must commit themselves to writing a dissertation not later than the beginning of the session in which the work is to be submitted.

With the permission of the Head of the Department of Social Policy and Sociology candidates may substitute essays for one or two of the sociology papers in the final examination. For each paper *either* one essay of 6,000–8,000 words *or* three essays of 2,000–3,000 words will be required. Candidates who wish to be examined in this way must apply to the Head of the Department of Social Policy and Sociology not later than the last day of the first term of the second year (for the Part I examination) or the third year (for the Part II examination). Essays replacing each paper must be submitted as follows (dates apply to the second year in the case of the Part I examination and the third year in the case of the Part II examination):
In the case of one essay:
Not later than the first day of the third term.
In the case of three essays:
The *first* not later than the first day of the second term.
The *second* not later than the first day of the third term.
The *third* not later than two weeks before the start of the May-June examinations.
In the final examination in geography, candidates may be required to present themselves for an oral examination.

In the School of Geography tutorials ranging over the main lecture subjects will be held. Practical classes are held for all students in the first year. Project and essay work is an integral part of some courses in geography. In these courses candidates will be required to submit written reports or essays of not more than 1,500 words by the first day of the third term of the year, for assessment as part of the examinations. Field work in geography is an integral part of the degree course and may be tested in the examinations. In addition to local projects, all students must attend at least one field course, which will normally be held in a vacation.

Geography and Spanish

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Geography and Spanish at A level; GCSE level Mathematics. Closely-related A level subjects such as Environmental Studies may be substituted for Geography. Appropriate combinations of A level subjects which do not include Geography will also be considered.

SCHEME OF STUDY

Candidates will be required to spend the third year of study in a Spanish-speaking country. During this year they will follow a course of study at a university or similar institution or take a post as an English assistant in an educational institution. Only in the latter case will they receive a salary or stipend. The cost of residence or of studies abroad is not included in the normal fee for this scheme.

During the year abroad students will write a long essay of 8,000–10,000 words on an approved subject relating to the fields of Geography or Spanish or common to both. The long essay must be presented not later than 1 December of the final year and will be an integral part of the final degree examination.

FIRST-YEAR EXAMINATION

1. Geography: As first-year examination 2 for Economic History and Geography
2. Spanish: As first-year examination 2 for Arabic and Spanish
3. One other approved subject selected from those offered in the Faculty of Arts or in the Faculty of Economic and Social Studies.

SECOND YEAR: PART I FINAL EXAMINATION

Candidates will be examined in March of the second year in two 2-hour papers (half-paper equivalents) in the history of Spain to *c.* 1700 and Spanish literature to *c.* 1700 and in May-June of the second year in four 1½-hour papers examining four courses selected from those listed under the second-year examination in geography for Geography and Management Studies. These four papers in geography constitute the equivalent of two full papers in the final examination. In addition the Spanish Department will require students to attend fortnightly seminars and to present two essays of some 2,000 words each on prescribed topics. The marks obtained for these essays will be incorporated in the second-year examination results. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

PART II FINAL EXAMINATION

1. Latin-American geography

2-3. *Two* papers selected from:*
- Urban and regional modelling and planning theory
- Resource studies (one or two papers)
- Historical analysis of settlement in Britain
- Urban planning and development
- Regional analysis and planning
- The geography of public services
- Photogrammetric mapping and remote sensing of the environment
- Spatial population analysis and policy
- China
- U.S.S.R.
- Approaches in human geography (provided that the course has been attended through two years)

4-5. Any two papers selected from the final-year examination papers 3-6 for Spanish

6-7. As final examination 5-6 for Arabic and Spanish

8. The long essay of 8,000–10,000 words writen during the year abroad supervised and assessed by either or both Departments, counting as one paper, submitted not later than 1 December of the final year.

* For *one* of these courses, with the approval of the Chairman of the School of Geography, a candidate may substitute a lecture course from the B.Sc. scheme of study.

An oral examination in Spanish. Candidates may also be required to present themselves for an oral examination in geography.

In addition students will be required to present prescribed essays on topics related to their chosen courses in Spanish and the marks obtained will be incorporated in the examination result. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

In the two departments, tutorial, seminar and essay work is required in all three years. Practical classes are held for all students in geography in the first year. Project or essay work is an integral part of some courses in geography. In these courses candidates will be required to submit written reports or essays of not more than 1,500 words by the first day of the third term of the year, for assessment as part of the examinations. Field work in geography is an integral part of the degree course and may be tested in the examinations. In addition to local projects, all students must attend at least one field course, which will normally be held in a vacation.

German and History

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including German at A level.

PERIOD ABROAD

Candidates are required to spend the third year of study in a German-speaking country, either as an English-speaking assistant in an educational establishment or in some other post approved by the Heads of both Departments or, where such employment cannot be found, as a student for one academic year (or two semesters) at an approved German-speaking university.

If in exceptional circumstances a candidate is permitted to complete his degree without spending a year abroad, he will be required to spend the summer term of his second year as a student at an approved German-speaking university.

The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. German: As first-year examination 2 for Arabic and German
2. History: As first-year examination 2 for Economics and History
3. One other approved subject.

FINAL EXAMINATION

Candidates will be required to submit, not later than the first day of the first term of their final year of study, an essay of 4,000–5,000 words on an approved subject taken from the field covered by their second-year seminar course in German. This essay will form part of the final examination.

SECOND-YEAR PART I FINAL EXAMINATION

The examination in German will normally be held at the end of the second term of the second year.

German: As Part I Final Examination 3-4 for English and German

FOURTH-YEAR PART II FINAL EXAMINATION

1-5. As Part II Final Examination 5-9 for Arabic and German
6-8. *Three* of the following:
Church and State in Western Europe *c.*1500–*c.*1750
Revolution and authority in Western Europe *c.*1760–1918 *or* International history 1814-1918
The history of political thought
International history 1919-1953
Communications and politics in the twentieth century
9. *One* of the following special subjects in history:
The French Revolution and Europe
The great powers and the Balkans 1908–1914
The international crisis 1929-1939
10. In addition, a dissertation of between 9,000 and 11,000 words on an historical or literary subject, preferably related to the special subject in history, to be presented by the end of the first term of the final year.
An oral examination in German.

German and History of Art

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including German at A level.

PERIOD ABROAD AND FIELD TRIP

Candidates are required to spend the third year of study in a German-speaking country, either as an English-speaking assistant in an educational establishment or in some other post approved by the Heads of both Departments, or, where such employment cannot be found, as students for one academic year (or two semesters) at an approved German-speaking university or similar institution. If, in exceptional circumstances, a candidate is permitted to complete his degree without spending a year abroad, he will be required to spend the summer term of his second year as a student at an approved German-speaking university or similar institution.

In the long vacation at the end of the first or second year, candidates must, under the direction of the Head of the Department of Fine Art, spend between two and three weeks at approved centres studying original works of art. Candidates must submit satisfactory evidence of the thoroughness of this study. The detailed study of certain special periods in the fine arts may include compulsory field classes during term-time. The cost of such study or classes and of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. German: As first-year examination 2 for Arabic and German
2. History of Art: As first-year examination 2 for English and the History of Art
3. One other approved subject.

FINAL EXAMINATION

Candidates will be required to submit, not later than the first day of the first term of their final year of study, an essay of 4,000–5,000 words on an approved subject taken from the field covered by their second-year seminar course in German. This essay will form part of the final examination.

SECOND-YEAR PART I FINAL EXAMINATION

The examination in German will normally be held at the end of the second term of the second year.
German: As Part I Final Examination 3-4 for English and German

FOURTH-YEAR PART II FINAL EXAMINATION

1-5. As Part II Final Examination 5-9 for Arabic and German
6-8. As final examination 3-5 for English and the History of Art.

In addition, candidates are required to present in their final year of study an essay of 8,000–10,000 words on a topic, approved by the Heads of both Departments, which may relate to German or the History of Art or may combine both subjects. The topic must be submitted for approval by the end of the second year of study and the essay must be submitted not later than 1 May.
An oral examination in German.

German and Linguistics

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including German at A level.

PERIOD ABROAD

Candidates are required to spend the third year of study in a German-speaking country, either as an English-speaking assistant in an educational establishment or in some other post approved by the Heads of both Departments or, where such employment cannot be found, as a student for one academic year (or two semesters) at an approved German-speaking university. If in exceptional circumstances a candidate is permitted to complete his degree without spending a year abroad, he will be required to spend the summer term of his second year at an approved German-speaking university.

The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. German: As first-year examination 2 for Arabic and German
2. Linguistics:
   (a) Language and linguistics
   (b) General phonetics
   (c) German phonetics (1½-hour paper)

An oral examination in phonetics
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

The examination in German will normally be held at the end of the second term of the second year.

1. Sociolinguistics and stylistics (normally taken at the end of the third term): 1½-hour paper. The result will be taken into account in determining the class of degree.
2-3. As Part I Final Examination for English and German.

During the period of study abroad students will be required to undertake a field project, the report on which shall be submitted to the Department of Linguistics & Phonetics at the beginning of the first term of the final year.

Candidates who are permitted to spend the third term of the second year abroad will be examined in sociolinguistics and stylistics in March; the details of the paper are as described above.

FOURTH YEAR: PART II FINAL EXAMINATION

Candidates will be required to submit, not later than the first day of the first term of their final year of study, an essay of about 5,000 words on an approved subject taken from the field covered by their second-year seminar course in German. This essay will form part of the final examination. In addition the examination at the end of the final year will consist of an oral examination in German, an oral examination in phonetics and the following papers:

1-3. As final examination 5-8 for Arabic and German*
4. Linguistic theory and analysis
5. Linguistic and phonetic description of German
6. Phonetics and phonology (including Language Teaching)
7. Phonetics of English (1½-hour paper)
8. Final year option in linguistics (1½-hour paper)

In addition candidates will be required to present by the first day of the second term in their final year an essay of some 8,000 words on an approved topic within the field of linguistics or phonetics or German or combining these.

German and Management Studies

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including German at A level; GCSE level Mathematics.

PERIOD ABROAD

Candidates will be required to spend the third year of study in a German-speaking country approved by both Departments. During this year they will follow a course of study at a university or institution of comparable standing *or* be attached to an industrial, commercial or administrative organization *or* take a post as an English language assistant in an educational institution. Only in the last two cases will they normally receive a salary or stipend. The cost of residence abroad is not included in the normal fee for this scheme of study.

During this year abroad students will write a long essay of about 5,000 words on a subject concerned *either* with the organization to which they are attached *or* with the country or region in which they are living. They will also submit such other written work as may be required by the two Departments.

FIRST-YEAR EXAMINATION

1. German: As first-year examination 2 for Arabic and German
2. Management Studies: As first-year examination 2 for French and Management Studies
3. One other approved subject.

FINAL EXAMINATION

At the end of the third term of the second year candidates will be examined in German for business (1½-hour paper) and in Organization studies C2, Management economics C2 and Models for control C2 (three 2-hour papers). On the first day of the first term of their final

* But the New High German Language is not available to students in German and Linguistics.

year they will further be required to submit a long essay of 4,000–5,000 words on a subject from the field covered by their second-year seminar course in German. These papers and the long essay will form part of the final examination.

SECOND-YEAR PART I FINAL EXAMINATION

The examination in German will normally be held at the end of the second term of the second year.
1-2. As Part I Final Examination 3-4 for English and German

FOURTH-YEAR PART II FINAL EXAMINATION

1-5. As Part II Final Examination 5-9 for Arabic and German
6. Business policy C3
7-8. Two papers selected from:*
Advanced strategy C3
Financial management C3
Financial planning and control C3
Languages, cultures and international management C3
Management and work design C3
Management Research Methods C3
Marketing C3
Organization behaviour C3
Organization diagnosis, design and development C3
Personnel Management C3
Political Economy of the Firm C3
Problem-solving in organizations — consulting skills C3
Production/Operations management C3
Project C3
Statistics in Business C3
Strategic Gaming C3
Theatre of Management C3
An oral examination in German.

German and Music

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including German and preferably Music at A level.

PERIOD ABROAD

Candidates are required to spend the third year of study in a German-speaking country, either as an English-speaking assistant in an educational establishment or in some other post approved by the Heads of both Departments, or, where such employment cannot be found, as students for one academic year (or two semesters) at an approved German-speaking university or similar institution. During the year abroad, candidates will continue practical musical studies where possible. If, in exceptional circumstances, a candidate is permitted to complete his degree without spending a year abroad, he will be required to spend the summer term of his second year as a student at an approved German-speaking university or similar institution. The cost of residence abroad is not included in the normal fee for an arts scheme.

* Not all these courses will necessarily be available in any one year, and new courses may be added from time to time.

FIRST-YEAR EXAMINATION

1. German: As first-year examination 2 for Arabic and German
2. Music: As first-year examination 2 for English and Music
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

The examination in German will normally be held at the end of the second term of the second year.

1. Counterpoint and harmony 2 (one paper to be written over three days) *or* Music analysis 2
2. Aural and practical tests

3-4. As Part I Final Examination 3-4 for English and German

The standard attained in this Part I examination will be taken into account in assessing the final degree results.

There will be departmental examinations in Musical ideas in the twentieth-century *or* prescribed works and in the special study.

FOURTH-YEAR PART II FINAL EXAMINATION

Candidates will be required to submit, not later than the first day of the first term of their final year of study, an essay of 4,000–5,000 words on an approved subject taken from the field covered by their second-year seminar course in German. This essay will form part of the final examination.

1-5. As Part II final examination 5-9 for Arabic and German

6-7. As final examination 3-4 for English and Music

An oral examination in German.

In addition, candidates will be required to submit an essay of about 8,000 words on a subject in German or music or linking the two fields of study. The title should be submitted to the Heads of the two Departments for approval by the end of the first term; the essay to be submitted by the last day of the second term.

Candidates may be required to present themselves for an oral examination in music.

German and Philosophy

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including German at A level. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of philosophy.

SCHEME OF STUDY

Candidates will be required to spend the third year of study in a German-speaking country. During this year they will also write a long essay on a philosophical topic, the subject of which should be approved beforehand by the Head of the Department of Philosophy, and submit such other written work as may be required by the two Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. German: As first-year examination 2 for Arabic and German
2. Philosophy: As first-year examination 4 for Economics and Politics
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

The examination in Philosophy will normally be held during the third term of the second year. The examination in German will normally be held at the end of the second term of the second year.
1. History of modern philosophy
2. *Either* Ethics *or* Political and social philosophy.
3-4. As Part I final examination 3-4 for English and German

FOURTH-YEAR PART II FINAL EXAMINATION

Candidates will be required to submit, not later than the first day of the first term of their final year of study, an essay of 4,000–5,000 words on an approved subject taken from the field covered by the second-year seminar course in German. This essay will form part of the final examination.
1-5. As Part II final examination 5-9 for Arabic and German
6. *Either* Philosophical problems *or* Philosophical logic
(Candidates who wish to take Philosophical logic must have attended a course in Formal logic during their second year.)
7. Marx and Marxism, *or* Modern continental philosophy *or* another special subject in Philosophy linking the study of Philosophy with that of German.*
8. A three-hour paper on a special subject in the field of German; *or* a paper not already taken chosen with the approval of the Head of the Department of Philosophy from the list of papers for the Part I and Part II examinations for the degree of B.A. in Philosophy, including papers on the bridge and special subjects listed*; *or* a long essay of 8,000–10,000 words on a subject from the field of German or Philosophy or involving both fields, on a topic approved by the Head of the Department concerned. The topic of this essay must be proposed and approved by the beginning of the final year, and the essay must be submitted no later than the first day of the third term of the final year.
An oral examination in German.
Candidates may also be required to present themselves for an oral examination in Philosophy.

German and Religious Studies

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including German at A level.

PERIOD ABROAD

Candidates will be required to spend the third year of study in a German-speaking country, either as English-speaking assistants in an educational establishment or in some other post approved by both Heads of Department, or, where such employment cannot be found, as students for one academic year (or two semesters) at an approved German-speaking university. If, in exceptional circumstances, a candidate is permitted to complete his degree without spending a year abroad, he will be required to spend the summer term of his second year as a student at an approved German-speaking university. The cost of residence abroad is not included in the normal fee for an arts scheme.

* When the paper taken is a bridge or special subject in Philosophy, then with the permission of the Head of the Department of Philosophy, two essays of not more than 5,000 words each on approved topics within the area covered by the chosen paper may be submitted not later than the first day of the third term of the final year, in place of a 3-hour examination paper. The decision as to whether a candidate is to sit a 3-hour paper or submit two essays must be made by 1 December in the final year.

FIRST-YEAR EXAMINATION

1. German: As first-year examination 2 for Arabic and German
2. Religious studies: As first-year examination 2 for Arabic and Religious Studies
3. One other approved subject.

FINAL EXAMINATION

Candidates will be required to submit, not later than the first day of the first term of their final year of study, an essay of 4,000–5,000 words on an approved subject taken from the field covered by their second-year seminar course in German. This essay will form part of the final examination.

SECOND-YEAR PART I FINAL EXAMINATION

The examination in German will normally be held at the end of the second term of the second year.
1-2. As Part I final examination 3-4 for English and German

FOURTH-YEAR PART II FINAL EXAMINATION

1-5. As Part II final examination 5-9 for Arabic and German
6-9. As final examination 5-8 for Arabic and Religious Studies
10. *In addition* candidates will take a 3-hour paper on a special subject from the field of German or religious studies or involving both fields. *As an alternative*, candidates will present, by 1 May of their final year, an extended essay of about 10,000 words on a subject from the field of German or religious studies or involving both fields. The subject for the special paper and for extended essays will be set with the agreement of both Heads of Department. Candidates must commit themselves to writing an extended essay not later than the end of their second year.
An oral examination in German.
Candidates may also be required to present themselves for an oral examination in religious studies.

German and Theology

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including German at A level.

PERIOD ABROAD

Candidates will be required to spend the third year of study in a German-speaking country, either as English-speaking assistants in an educational establishment or in some other post approved by both Heads of Department, or, where such employment cannot be found, as students for one academic year (or two semesters) at an approved German-speaking university. If, in exceptional circumstances, a candidate is permitted to complete his degree without spending a year abroad, he will be required to spend the summer term of his second year as a student at an approved German-speaking university. The cost of residence is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. German: As first-year examination 2 for Arabic and German
2. Theology: As first-year examination 2 for Arabic and Theology
3. One other approved subject.

FINAL EXAMINATION

Candidates will be required to submit, not later than the first day of the first term of their final year of study, an essay of 4,000–5,000 words on an approved subject taken from the field covered by their second-year seminar course in German. This essay will form part of the final examination.

SECOND-YEAR PART I FINAL EXAMINATION

The examination in German will normally be held at the end of the second term of the second year.
1-2. As Part I final examination 3-4 for English and German.

FOURTH-YEAR PART II FINAL EXAMINATION

1-5. As Part II final examination 5-9 for Arabic and German
6-9. As final examination 5-8 for Arabic and Theology
10. *In addition*, candidates will take a 3-hour paper on a special subject from the field of German or theology or involving both fields. *As an alternative*, candidates will present, by 1 May of their final year, an extended essay of about 10,000 words on a subject from the field of German or theology or involving both fields. The subjects for the special paper and for extended essays will be set with the agreement of both Heads of Departments. Candidates must commit themselves to writing an extended essay not later than the end of their second year.
An oral examination in German.
Candidates may also be required to present themselves for an oral examination in theology.

German Language and Literature*

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including German at A level.

SCHEME OF STUDY

First Year

1. German language and literature (translation from and into German, German conversation, phonetics, German and English essays, German grammar, German literature with prescribed texts, Middle High German, the German-speaking lands since 1945, Introduction to German literature)
2. Another approved foreign language or English
3. Another approved subject.

A qualifying examination in these subjects is held at the end of the first year and must normally be passed before candidates proceed to further study (see below under Examinations).

Second and Final Years

1. German language and literature. There are alternative schemes of study: Scheme A, in which special attention will be paid to literature, and Scheme B, in which special attention will be paid to philology and medieval literature. All students shall attend courses in translation from and into German and in German and English essay writing, as well as

* The title of this degree will include the name of the subsidiary subject which has been read throughout the scheme of study.

groups for conversational practice. They may also be required to attend courses in other Departments which may be helpful to their study of German.

2. A subsidiary subject, being a continuation of one of the subsidiary subjects taken in the first year (see 2 and 3 under *First Year*). An examination in this subsidiary subject may be held in March of the second year of study when the Department teaching the subsidiary subject so wishes. The final examination in the subsidiary subject will be regarded as the equivalent of two three-hour papers and the results obtained will be taken into account on this basis when considering the result of the final degree examination.

PERIOD ABROAD

Students taking a modern foreign language as their subsidiary subject are required to spend the third term of their second year of study at an approved university in a country where the subsidiary language is spoken. (In the case of subsidiary Russian students are required to spend not less than one month at an approved vacation course in the U.S.S.R.) Students not taking a modern foreign language as their subsidiary subject are normally required to spend this term at a German-speaking university. All students are also required to spend the whole of the third year in a German-speaking country before returning to Leeds for their final year. They will normally obtain employment as English-speaking assistants in an educational establishment or in some other post approved by the Head of the Department of German. If no suitable employment can be found, students will be required to study for one academic year (or two semesters) at a German-speaking university.

In exceptional circumstances a student may be permitted to complete his degree course without spending his third year abroad. In that case he is required to spend the third term of his second year at an approved German-speaking university, and, if his subsidiary subject is a modern foreign language, a period of not less than a month in a vacation before his final examination either attending an approved course in a country where his subsidiary language is spoken or in such other manner as is approved by the Heads of Department of German and of the Department teaching the subsidiary subject.

The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. German composition and essay
2. Unprepared translation; the German-speaking lands since 1945
3. Literature and prescribed texts
4. Middle High German (2 hours)

An oral examination

FINAL EXAMINATION

SCHEME A

Candidates will be required to submit, not later than the first day of the first term of their final year of study, two essays each of 4,000–5,000 words on approved subjects taken from the fields covered by their second-year seminar courses. Each of these essays will form the equivalent of a half-paper in the final examination.

The final examination will consist of an oral examination in German (equivalent of one paper) and the following papers:
(Unless otherwise stated, all papers will be two-hour, half-paper equivalents)

PART I FINAL EXAMINATION taken at the end of the second term of the second year.

Four of the following:
1. The New High German language I*
2. Middle High German literature and texts I*
3. Eighteenth-century literature and texts I*
4. Nineteenth-century literature and texts I*
5. Twentieth-century literature and texts I*

PART II FINAL EXAMINATION taken at the end of the final year
1. German composition (3 hours)
2. Unprepared translation from German (3 hours)
3. Essay in German (3 hours)
4. Paper on final-year seminar course.

And four of the following:
5. The New High German language II†
6. Middle High German literature and texts II†
7. Eighteenth-century literature and texts II†
8. Nineteenth-century literature and texts II†
9. Twentieth-century literature and texts II†
10. Special subject (3 hours). In place of this paper, candidates may present an extended essay of about 10,000 words, on a topic approved by the Head of the Department of German. Candidates must apply for permission to write an extended essay not later than 1 January of their final year, and the essay must be submitted not later than the subsequent 1 May.

In addition, the examination for the subsidiary subject.

SCHEME B

Candidates will be required to submit, not later than the first day of the first term of their final year of study, two essays each of 4,000–5,000 words on approved subjects taken from the fields covered by their second-year seminar courses. Each of these essays will form the equivalent of a half-paper in the final examination.

The final examination will consist of an oral examination (equivalent of one paper) and the following papers:
(Unless otherwise stated, all papers will be two-hour, half-paper equivalents)

PART I FINAL EXAMINATION taken at the end of the second term of the second year.

1. Middle High German literature and texts I*
2. Old High German language and literature I*
3. The New High German language I*
4. One of the following:
   Eighteenth-century literature and texts I*
   Nineteenth-century literature and texts I*
   Twentieth-century literature and texts I*

PART II FINAL EXAMINATION taken at the end of the final year

1-4. As for Scheme A
5. Middle High German literature and texts II†

* Candidates taking this examination will be required to follow the appropriate courses and take the Part II Final Examination in the same subject.

† Candidates will be permitted to take this examination only if they have taken the Part I Final Examination in the same subject.

6. Old High German language and literature II*
7. The New High German language II*
8. One of the following:
   Eighteenth-century literature and texts II*
   Nineteenth-century literature and texts II*
   Twentieth-century literature and texts II*
9. Old Icelandic (3 hours)

In addition, the examination for the subsidiary subject.

Greek†

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Greek at A level; GCSE level Latin.
Admission to this scheme is by way of admission to Classics Scheme C.

FIRST-YEAR EXAMINATION

As first-year examination for Classics.

FINAL EXAMINATION

1-6. As final examination 1-6 for Classics Scheme C
7. *Either* one 3-hour paper *or* two 2-hour papers of the following special subjects:
   (a) History of the Greek language
   (b) Outlines of Greek philosophy
   (c) An approved subject in Greek literature
   (d) Greek art and architecture
   (e) Greek sculpture *or* vase painting *or* epigraphy
   (f) A subject in Greek history
   (g) Such other subject as may be approved by the Chairman of the School of Classics.

In addition, candidates will complete the course in the approved subject (other than Latin) begun in the first year, thus completing a three year course in all, and present themselves for the necessary examination. The final examination in the subsidiary subject will be regarded as the equivalent of two 3-hour papers and the results obtained will be taken into account on this basis when considering the result of the final degree examination. Greek verse composition may be offered as an *optional* subject.

Greek Civilization and Religious Studies

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; a foreign language at GCSE level.

FIRST-YEAR EXAMINATION

1. Greek Civilization: As first-year examination 2 for English and Greek Civilization
2. Religious studies: As first-year examination 2 for Arabic and Religious Studies
3. One other approved subject.

* Candidates will be permitted to take this examination only if they have taken the Part I Final Examination in the same subject.

† The title of this degree will include the name of the subsidiary subject which has been read throughout the scheme of study.

SECOND YEAR: PART I EXAMINATION

Candidates will be examined in translation, with comment, from Greek texts (one 2-hour paper). This paper will constitute Part I of the final examination.

FINAL EXAMINATION

1-4. As final examination 3-6 for English and Greek Civilization
5-8. As final examination 5-8 for Arabic and Religious Studies.

In addition, candidates will be required to submit not later than 1 May an essay of 8,000–10,000 words on a subject which may relate to Greek Civilization or to Religious Studies or to some topic combining both these subjects. Instead of the essay a further examination paper in a special subject may be taken, with the approval of the Heads of the Departments. Candidates must commit themselves to writing an essay not later than the end of the second year and the title must be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme.

Greek Civilization and Theology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; a foreign language at GCSE level.

FIRST-YEAR EXAMINATION

1. Greek Civilization: As first-year examination 2 for English and Greek Civilization
2. Theology: As first-year examination 2 for Arabic and Theology
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

Candidates will be examined in translation. with comment, from Greek texts (one 2-hour paper).

PART II FINAL EXAMINATION

1-4. As final examination 3-6 for English and Greek Civilization
5-8. As final examination 5-8 for Arabic and Theology.

In addition, candidates will be required to submit not later than 1 May an essay of 8,000–10,000 words on a subject which may relate to Greek Civilization or to Theology or to some topic combining both these subjects. Instead of the essay a further examination paper in a special subject may be taken, with the approval of the heads of the departments. Candidates must commit themselves to writing an essay not later than the end of the second year and the title must be submitted to the heads of the two departments for approval at the beginning of the third year of the scheme.

History

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. In addition a reading knowledge of a modern foreign language is preferred.

EXAMINATIONS

The examinations for the degree of Bachelor of Arts in history will normally be taken at the end of the candidate's first and third years respectively. The first-year examination will be

treated as a qualifying examination and candidates will be advised on their subsequent courses of study on the basis of their performance therein. In addition, candidates will be required to sit a departmental examination in the third term of their second year.

FIRST-YEAR EXAMINATION

1-2. *Two* papers selected with the approval of the Chairman of the School of History from the following:
- (a) The ancient world
- (b) Medieval Europe
- (c) Early modern Europe: the making of the modern State *c.* 1450–*c.* 1789
- (d) The making of the modern world

3. (one paper) A documentary study selected from a prescribed list
4. The prescribed examinations on an approved one-year course in one other subject.

Students are also required to attend two introductory courses (Historians and their craft and The uses of historical evidence — an audio-visual course).

Candidates whose course work in the courses selected under 1-2 is satisfactory will be excused the degree examination in these courses.

FINAL EXAMINATION

1-2. *Two* of the following papers in English history; one of which must be (a), (b), or (c):
- (a) from the earliest times to 1042
- (b) from 1042 to 1460
- (c) from 1460 to 1642
- (d) from 1642 to 1789
- (e) from 1790

3. *One* of the following papers in European history:*
- (a) Imperialism in the sixth- and fifth-century Greek world
- (b) The establishment of Rome as the dominant Mediterranean power
- (c) Archaeology of early medieval Europe†
- (d) Early medieval settlement in the British Isles†
- (e) Courts, patronage and architecture 400–1000
- (f) Monasticism in Western Christendom 1050–1300
- (g) Western Europe and the Church 1300–1450
- (h) The civilization of the Renaissance in Italy
- (i) Church and State in Western Europe *c.* 1500–*c.* 1750
- (j) The 'General Crisis' of the seventeenth century
- (k) Politics and society in Ireland *c.* 1760–1921
- (l) Revolution and authority in Western Europe *c.* 1760–1918
- (m) International history 1814–1918
- (n) The history of political *or* scientific thought

4. *One* of the following papers in World history:*
- (a) The archaeology of death†
- (b) The Roman Empire in the early Principate
- (c) The Crusades
- (d) Italian merchants overseas 1200–1450
- (e) North America from colonies to Republic
- (f) The evolution of modern America
- (g) History of Eastern Asia from 1840
- (h) History of Russia from 1856

* Not all of these subjects will necessarily be offered every year, and the list may be varied from time to time.
† Students will be permitted to offer only two of the courses listed under 2(c) and (d) and 3(a).

(i) International history 1919–1953
(j) Strategic ideas in the nuclear age, since 1953
(k) Imperial expansion: Siberia and Canada 1580–1913

5. An additional paper chosen from 1, 2, 3 or 4 *or* Communications and politics in the twentieth century

6-7. *One* of the following special subjects (two papers):*

(a) Rome, the Latins and the Italian Confederacy
(b) Rome, Persia and the Goths: the Age of Ammianus A.D. 350–400
(c) The history and archaeology of Roman Britain†
(d) The age of Bede and Boniface: Britain and Europe 664–754
(e) The reign of William the Conqueror in Normandy and England 1035–1087
(f) The history and archaeology of the medieval village 1050–1500†
(g) The reign of Edward II
(h) Florence in the fourteenth and fifteenth centuries
(i) The minority of Richard II
(j) The government of England 1540–1553
(k) The north of England in transition, from the Reformation to the Restoration
(l) The Council of Trent and the Counter-Reformation
(m) Court and Country under Charles I, 1625–1642
(n) Popular revolt in seventeenth-century France
(o) The English Revolution 1678–1690
(p) The Seven Years War in America
(q) The French Revolution and Europe
(r) Free trade, aristocracy and Empire: the policies of Palmerston 1855–1865
(s) British Policy in the Middle East 1914–1918
(t) The Great Powers and the Balkans 1908–1914
(u) British politics and society in the First World War
(v) Inflation, unemployment and industrial strife in Britain 1918–1932
(w) Chemical and Biological Warfare, 1915–1945
(x) The British press and its controllers 1918–1950
(y) China in the 1920s
(z) The International Crisis 1929–1939
(aa) Propaganda in the Second World War
(ab) The Birth of the Cold War 1945–1949: from Yalta to Berlin
(ac) The invasion of Europe 1942–1945

With the permission of the Chairman of the School students may offer an approved subject in economic history or the history of science or the history of art in satisfaction of the requirements of this part of the course.

8. A dissertation of 9,000–11,000 words or an additional paper from sections 1-5.

Candidates must commit themselves to writing a dissertation not later than 1 June of the second year, and the work must be submitted not later than the last day of the second term of the final year.

All candidates will be required, as a compulsory and integral part of the studies for a degree, to attend two short reading conferences, one in the first, and one in the second year.

History and Greek Civilization

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; a foreign language at GCSE level.

* Not all of these subjects will necessarily be offered every year, and the list may be varied from time to time.
† A period of three weeks' excavation is an integral part of the courses in this subject.

FIRST-YEAR EXAMINATION

1. History: two papers as follows:
   (a) The ancient world
   (b) Medieval Europe *or* Early modern Europe: the making of the modern State, *c.* 1450–*c.* 1789 *or* The making of the modern world
2. Greek Civilization: As first-year examination 2 for English and Greek Civilization
3. One other approved subject.

SECOND YEAR : PART I FINAL EXAMINATION

Candidates will be examined in translation, with comment, from Greek texts (one 2-hour paper). This paper will constitute Part I of the final examination.

PART II FINAL EXAMINATION

1. *One* of the following papers in Ancient History:*
   (a) Imperialism in the sixth- and fifth-century Greek world
   (b) The establishment of Rome as a dominant Mediterranean power
   (c) The Roman Empire in the early Principate
2. *One* of the following:*
   (a) Monasticism in Western Christendom 1050-1300
   (b) The civilization of the Renaissance in Italy
   (c) North America from colonies to republic
3. *One* of the following:*
   (a) The 'General Crisis' of the seventeenth century
   (b) Revolution and authority in Western Europe *c.*1760–1918
   (c) History of political thought

4-6. As final examination 3, 4 and 6 for English and Greek Civilization

7. *Either* a further paper from those listed in 2 and 3 above *or* (for those choosing under 8 a topic other than one concerned with ancient history or civilization) a paper on a subject approved by the Chairmen of the Schools of History and Classics

8. An essay of 8,000–10,000 words on a subject relating to one or both of the candidate's prescribed fields of study, chosen with the approval of the school concerned, to be submitted not later than 1 May.†

History and History of Art

COURSE REQUIREMENT

Normally 3 A levels or two A levels with two AS levels.

FIRST YEAR EXAMINATION

1-2. History:
Two papers selected with the approval of the Chairman of the School of History from:
(a) The ancient world
(b) Medieval Europe
(c) Early modern Europe: the making of the modern State c. 1450–c. 1789
(d) The making of the modern world

* Not all these subjects will necessarily be offered every year. and the lists may be varied from time to time.
† For the essay a 3-hour written paper may be substituted on a subject approved by the Chairmen of both schools.

3-4. History of Art:
(a) Elements of the history and criticism of art 1A
(b) Elements of the history and criticism of art 1B

In addition, students will attend essay tutorials during the year, and the work done for these may be taken into account.
5. One other approved subject.

FINAL EXAMINATION

1-3. *Three* papers to be selected with the approval of the Chairman of the School of History from those listed under the final examination for the History degree scheme; one from 1-2, one from 3 and one from 4.
4. Communications and Politics in the twentieth century *or* an additional paper from 1, 2, 3 or 4.
5. Special subject in the fine arts approved by the Head of the Department of Fine Art.
6. Designated artists.
7. Theories and institutions of art.
8. Candidates will be required to submit not later than 1 May in their final year of study an essay of 8,000–10,000 words on a subject which may relate to History or to the History of Art or to some topic combining both of these subjects. The title should be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme. Candidates may be required to present themselves for an oral examination.

History and History of Scientific Thought

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels.

FIRST-YEAR EXAMINATIONS

1. History: 2 papers selected with the approval of the Chairman of the School of History from the following:
(a) The ancient world
(b) Medieval Europe
(c) Early modern Europe: the making of the modern State, *c.*1450–*c.*1789
(d) The making of the modern world.
2. History and philosophy of science
(a) Development of European science (paper and examined course work)
(b) Introduction to the philosophy of science (2-hour paper and examined course work)
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

History of scientific thought
1. Topics in the history of scientific thought: one 3-hour paper on two topics prescribed by the Chairman of the Division of the History and Philosophy of Science from the following areas:*
Science and theology
Science and society
History of the biological sciences
History of the physical sciences
2. Methods and problems in Historiography I and Philosophy of Science I.

* Courses in these areas will be taught in rotation over a two-year cycle.

PART II FINAL EXAMINATION

1-2. *Either* (a) *Two* of the following papers in English history:
(i) from 1460–1642
(ii) from 1642–1789
(iii) from 1790
Or (b) The 'General Crisis' of the Seventeenth century *and* Revolution and authority in Western Europe *c.*1760–1918
Or (c) One paper from (a) and one from (b)

3-4. Two papers chosen from the European and World Options listed for the BA in History.

5. Methods and problems in historiography II

6. Topics in the history of scientific thought: one 3-hour paper on two prescribed topics within the areas not taken in the Second Year Part I Final Examination.

7. *Either* (a) a long essay of 8,000–10,000 words on a subject from the field of History or History of scientific thought or involving both fields. The topic of this essay must be approved by the Head of the Department concerned by the beginning of the final year, and the essay must be submitted not later than the first day of the third term of the final year.
Or (b) Philosophy of science II. With the approval of the Head of the Department this subject may be examined by two essays (each of approximately 4,000 words, to be submitted by the first Monday of the third term of the final year).
Or (c) A paper not already taken, chosen from the prescribed list of papers for the Finals examinations for the degree of BA in History.

History and Italian

Two schemes of study, both extending over four years. Scheme 1 is for students with previous knowledge of Italian, and Scheme 2 (with Preliminary Year in Italian) is for those with no previous knowledge. In each scheme a period will be spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. In the case of Scheme 1, one of the A level passes should normally be in Italian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

PERIOD ABROAD

SCHEME 1. Candidates will be required to spend the third term of the second year of study in Italy attending an approved course of study. They will also be required, unless specially exempted by the Heads of the Departments concerned, to spend the third year of study in Italy, either registered at an Italian university or working as English-speaking assistants at an Italian educational institution.

SCHEME 2. Candidates will be required to spend the third term of the third year of study in Italy attending an approved course of study. (In terms of courses completed, this corresponds to the second year of study in Scheme 1.) Students on Scheme 2 may also, with the approval of the Heads of Departments concerned, spend a year in Italy between the third and final years of study. Such a year abroad is not a requirement of the syllabus; but the Italian Department normally gives full support to students in these circumstances who seek employment as assistants in Italian schools.

The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME 1

FIRST-YEAR QUALIFYING EXAMINATION

1. History: As first-year examination 2 for Economics and History
2. Italian: As first-year qualifying examination for English and Italian (Scheme 1)
3. One other approved subject.

FINAL EXAMINATION

1. Monasticism in Western Christendom, 1050–1300 *or* Western Europe and the Church, 1300–1450
2. Church and State in Western Europe *c.*1500–*c.*1750 *or* The civilization of the Renaissance in Italy
3. Revolution and authority in Western Europe *c.*1760–1918 *or* The history of political thought *or* International history, 1814–1918 *or* International history, 1919–1953
4. One further paper listed under 1 to 3 above *or* The establishment of Rome as a dominant Mediterranean power *or* The Roman Empire in the early Principate *or* Italian merchants overseas 1200–1450

5-9. As final examination 3-7 for English and Italian

10. Candidates will be required to submit by 1 March in their final year of study an essay of 8,000–10,000 words, written in English on a subject from the fields of History or Italian or involving both fields. The subject must be submitted for approval to both Heads of Department by the end of the second term of the second year of study.

An oral examination in Italian.

SCHEME 2

SCHEME OF STUDY

Candidates will take the same first-year course in History as for Scheme 1, and a Preliminary Year beginners' course in Italian.

In the second year they will begin a finals course in History, and take the same course in Italian as for the first year of Scheme 1.

FIRST-YEAR QUALIFYING EXAMINATION (PRELIMINARY YEAR IN ITALIAN)

1. History: As first-year examination 2 for Economics and History
2. Italian: As first-year qualifying examination for English and Italian (Scheme 2)
3. One other approved subject

SECOND-YEAR QUALIFYING EXAMINATION IN ITALIAN

As first-year qualifying examination for English and Italian (Scheme 1).

FINAL EXAMINATION

As the final examination for Scheme 1

The subject of the dissertation in 10 must be submitted for approval by the end of the second term of the third year of study.

History and Latin

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Latin at A level.

FIRST-YEAR EXAMINATION

1. History
   (a) The ancient world
   (b) Medieval Europe
2. Latin: As first-year examination 2 for English and Latin
3. One other approved subject.

FINAL EXAMINATION

1. The establishment of Rome as a dominant Mediterranean power
2. The Roman Empire in the early Principate
3. *One* of the following papers in English history:
   (a) from earliest times to 1042
   (b) from 1042–1460
4. *One* of the following:
   (a) Western Europe and the Church 1300-1450
   (b) Monasticism in western Christendom 1050-1300
   (c) The civilization of the Renaissance in Italy.

5-7. As final examination 3-5 for English and Latin

8. Latin literature: prescribed books II. A number of texts including some in Medieval Latin will be prescribed from the post-classical period.
9. *Two* of the following subjects* (one paper):
   (a) Latin tragedy and comedy
   (b) Latin epic
   (c) Latin pastoral poetry
   (d) Latin satire
   (e) An approved special subject (e.g. Roman historiography).

History and Philosophy

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of philosophy.

FIRST-YEAR EXAMINATION

1. History: two papers selected with the approval of the Chairman of the School of History from the following:
   (a) The ancient world
   (b) Medieval Europe
   (c) Early modern Europe: the making of the modern State, *c.* 1450–*c.* 1789
   (d) The making of the modern world
2. Philosophy: As first-year examination 4 for Economics and Politics
3. One other approved subject.

FINAL EXAMINATION

1-2. *Either* (a) *Two* of the following papers in English history:
   (i) from 1460 to 1642
   (ii) from 1642 to 1789
   (iii) from 1790

* Not all these subjects will necessarily be offered every year, and the lists may be varied from time to time.

Or (b) The 'General Crisis' of the seventeenth century *and* Revolution and authority in Western Europe *c.* 1760–1918.

3-4. Two papers chosen from the European and World Options listed for the B.A. in History (excluding the History of Political Thought if Political and Social Philosophy is taken: see 6 below).

5. The History of modern philosophy *or* The history of ancient and medieval philosophy.

6. Political and social philosophy *or*, but only if the paper on the History of political thought has been taken under 3-4 above, Ethics.

7. Philosophical problems *or* Philosophical logic. (Candidates who wish to take Philosophical logic must have attended a course in Formal logic in their second year.)

8. Philosophy of history *or* Methods and problems in historiography II. To be examined by *either* a 3-hour examination paper *or*, with the permission of the Head of the Department of Philosophy, two essays of not more than 5,000 words each on approved topics to be submitted by the first day of the third term of the final year. The method of examination must be decided by 1 December in the final year.

9. *Either* (a) A long essay of 8,000–10,000 words on a subject from the field of History or Philosophy or involving both fields. The topic of this essay must be approved by the Head of the Department concerned by the beginning of the final year, and the essay must be submitted not later than the first day of the third term of the final year. *Or* (b) A paper, not already taken, chosen from the list of papers for the Part I and Part II examinations for the degree of B.A. in Philosophy, including papers on the bridge and special subjects listed. If the paper taken is a bridge or special subject in philosophy then, in place of a 3-hour examination paper candidates may, with the permission of the Head of the Department of Philosophy, submit two essays of not more than 5,000 words each on approved topics within the area covered by the chosen subject. The essays must be submitted not later than the first day of the third term of the final year. The method of examination must be decided by 1 December in the final year.

In addition, candidates may be required to present themselves for a viva voce examination in History and/or Philosophy.

History and Portuguese

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including a foreign language at A level.

PERIOD ABROAD

Candidates will normally be required to spend the third year of study in a Portuguese-speaking country. With the permission of the Heads of the two Departments, they may be allowed, in lieu of this requirement, to spend two periods of at least one month each in Portugal during the long vacations of their first and second years, these periods to include attendance at approved courses of study. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. History: As first-year examination 2 for Economics and History
2. Portuguese: As first-year examination 2 for French and Portuguese
3. One other approved subject.

FINAL EXAMINATION

1. Church and State in Western Europe *c.*1500–*c.*1750
2. The 'General Crisis' of the seventeenth century
3. Revolution and authority in Western Europe *c.*1760–1918 *or* International history 1814-1918 *or* International history 1919–1953
4. An additional course in European or World history as listed under the final examination for History
5. Nineteenth-century and twentieth-century Portuguese literature

6-8. As final examination 3-8 for English and Portuguese.

An oral examination in Portuguese.

In addition, candidates will be required to present by 1 December in their final year an essay in English of some 8,000 words within the field of history or Portuguese, or combining both subjects.

History and Religious Studies

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels.

FIRST-YEAR EXAMINATION

1. History: As first-year examination 2 for Economics and History
2. Religious studies: As first-year examination 2 for Arabic and Religious Studies
3. One other approved subject.

FINAL EXAMINATION

1. The Roman Empire in the early Principate
2. *Either* Western Europe and the Church 1300-1450 *or* Church and State in Western Europe *c.*1500–*c.*1750
3. An additional course in European or World history as listed under the final examination for History
4. *One* of the following papers in English history:
   (a) from earliest times to 1042
   (b) from 1042 to 1460
   (c) from 1460 to 1642

5-8. As final examination 5-8 for Arabic and Religious Studies

9. An additional history paper chosen with the approval of the Chairman of the School of History from the options in European history prescribed for the final examination in history *or* political thought *or* a long essay of not more than 10,000 words on a subject relating to the fields either of History or of Religious Studies or common to both, to be chosen with the approval of the Departments concerned and submitted not later than 1 May. Candidates must commit themselves to writing a long essay not later than 1 June of the second year.

History and Roman Civilization

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; a foreign language at GCSE level.

FIRST-YEAR EXAMINATION

1. History: As first-year examination 1 for History and Greek Civilization
2. Roman Civilization: As first-year examination 2 for Arabic and Roman Civilization
3. One other approved subject.

FINAL EXAMINATION

1. As final examination 1 for History and Greek Civilization
2. *One* of the following papers in English history:
   (a) from earliest times to 1042
   (b) from 1042 to 1460
   (c) from 1460 to 1642
   (d) from 1642 to 1789
   (e) from 1790
3. One of the following papers in European history:*
   (a) Monasticism in Western Christendom 1050-1300
   (b) Western Europe and the Church 1300-1450
   (c) The civilization of the Renaissance in Italy
   (d) The 'General Crisis' of the seventeenth century
   (e) Revolution and authority in Western Europe *c.* 1760–1918 *or* International history 1814–1918
   (f) The history of political *or* scientific thought

4-5. As final examination 5-8 for Arabic and Roman Civilization

6. Roman thought and society
7. A further paper from those listed in 3
   or a paper from the world history papers (c)–(j) as listed under Final Examination 4 for History
   or (for those offering under 8 a topic other than on Greek or Roman history or civilization) a further course approved by the Heads of both Departments
8. An essay of 8,000–10,000 words on a subject relating to one of the candidates' prescribed fields of study, chosen with the approval of the Department concerned, to be submitted not later than 1 May.†

History and Russian Studies

Schemes of study extending over a period of four years (Scheme 2) or four years including a year abroad (Scheme 1).

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. In the case of Scheme 1, one of the A level passes should normally be in Russian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

PERIOD ABROAD

SCHEME 2. Candidates will normally be required to spend a period of not less than three months in the U.S.S.R. or a comparable period in an East European country at an appropriate point in the scheme. The cost of residence abroad is not included in the normal fee for an arts scheme.

* Not all these subjects will necessarily be offered every year, and the lists may be varied from time to time.

† Or, with the permission of the Heads of both Departments, a 3-hour written paper.

SCHEME 1. Candidates will normally be required to spend the third year of study in the U.S.S.R., or in an East European country, or in a Russian-speaking environment. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION FOR SCHEME 2

As first-year examination for Scheme 2 in Economics and Russian.

SECOND-YEAR EXAMINATION FOR SCHEME 2, FIRST-YEAR EXAMINATION FOR SCHEME 1

1. History: As first-year examination 2 for Economics and History
2. Russian studies: As first-year examination 2 for the three-year scheme in Geography and Russian Studies.
3. One other approved subject.

FINAL EXAMINATION

1. Revolution and authority in Western Europe *c.*1760–1918 *or* International history 1814-1918
2. *Either* The evolution of modern America *or* International history 1919–1953
3. *Either* History of Eastern Asia from 1840 *or* Communications and Politics in the twentieth century *or* Strategic ideas in the nuclear age, since 1953
4. History of Russia from 1856*
5. A dissertation of not more than 10,000 words on an approved subject in the field of Russian history, to be submitted by 1 May in the candidate's final year

6-7. As final examination 5-6 for Arabic and Russian

8-9. *Two* of the following:
   (a) Nineteenth-century Russian thought
   (b) The Russian Church
   (c) Soviet foreign policy
   (d) Contemporary Soviet politics, planning and society.†
   (e) Imperial expansion: Siberia and Canada 1580–1913
   (f) The Russian novel‡
   (g) One other paper from the options listed for final examination 6-10 in Russian Studies

An oral examination in Russian.

History and Sociology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

FIRST-YEAR EXAMINATION

1. History:
   (a) Early modern Europe: the making of the modern State, *c.* 1450–*c.* 1789

* To be examined by two essays of 2,000–3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study and by one essay of 4,000–5,000 words on an approved topic to be presented by 1 December of the final year. If this course is exceptionally taken in the final year all essays must be presented by 1 May.

† To be examined by three essays of about 3,000 words each on approved topics, to be submitted by 1 May of the final year.

‡ A 2-hour paper taken at the end of the second term of the penultimate year of study, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

(b) The making of the modern world
2. Sociology: As first-year examination 1 for Economics and Sociology
3. *Either* Economics: As first-year examination 2 for Economics and Geography
or Politics: As first-year examination 2 for Economics and Politics
or Philosophy: As first-year examination 4 for Economics and Politics
or another subject (two papers) with the approval of the Head of the Department of Social Policy and Sociology and the Chairman of the School of History.

SECOND YEAR: PART I FINAL EXAMINATION

Sociology: Candidates will be examined during the third term of the second year on the following:
1. Social Processes and Institutions I
2. Social Processes and Institutions II

THIRD YEAR: PART II FINAL EXAMINATION

1. History of political thought
2. Approaches to sociological theory
3. English history from 1790
4-5. *Two* of the following:*
History of Russia from 1856
History of Eastern Asia from 1840
Revolution and authority in Western Europe *c.* 1760–1918
The evolution of modern America
Communications and politics in the twentieth century
6. An optional paper in Sociology

With the permission of the Head of the Department of Social Policy and Sociology, candidates may substitute essays for one or two of the sociology papers in the whole final examination (Part I and Part II). For each paper *either* one essay of 6,000–8,000 words *or* three essays of 2,000–3,000 words will be required. Candidates who wish to be examined in this way must apply to the Head of the Department of Social Policy and Sociology not later than the last day of the first term of the final year.
Essays replacing each paper must be submitted as follows:
In the case of one essay:
Not later than the first day of the third term.
In the case of three essays:
The *first* not later than the first day of the second term.
The *second* not later than the first day of the third term.
The *third* not later than two weeks before the start of the May-June examinations.

History and Spanish

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Spanish at A level.

PERIOD ABROAD

Candidates will normally be required to spend the third year of study in a Spanish-speaking country. With the permission of the Head of the Department of Spanish, they may be allowed, in lieu of this requirement, to spend a period of at least two months in Spain

* Not all these subjects will necessarily be offered every year, and the lists may be varied from time to time.

during the long vacation of either their first or second year, this period to include attendance at approved courses of study. The cost of residence abroad is not included in the normal fee for an arts scheme.

During their year abroad candidates will be required to write an essay of some 8,000 words within the field of History or Spanish or combining both subjects. The closing date for the presentation of the essay will be 1 December of the final year.

FIRST-YEAR EXAMINATION

1. History: As first-year examination 2 for Economics and History
2. Spanish: As first-year examination 2 for Arabic and Spanish
3. One other approved subject.

FINAL EXAMINATION

1. Church and State in Western Europe *c.*1500–*c.*1750
2. The 'General Crisis' of the seventeenth century
3. Revolution and authority in Western Europe *c.*1760–1918 *or* International history 1814–1918 *or* International history 1919–1953
4. An additional course in European or World history as listed under final examination for History
5. The history of Spain to *c.*1700 (2-hour paper; half-paper equivalent)*
6. Spanish literature to *c.*1700 (2-hour paper; half-paper equivalent)*

7-8. Any two papers selected from the final year examination papers 3-6 for Spanish.
9-10. As final examination 5-6 for Arabic and Spanish.

An oral examination in Spanish.

In addition the Department of Spanish will require students during their second year to attend fortnightly seminars and to present two essays of some 2,000 words each on prescribed topics. The marks obtained for these essays will be incorporated in the second-year examination results. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

In addition, candidates will be required to present by 1 December in their final year an essay in English of some 8,000 words within the field of history or Spanish, or combining both subjects.

Students will also be required to present prescribed essays on topics related to their chosen courses in Spanish and the marks obtained will be incorporated in the examination result. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

History and Theology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels.

FIRST-YEAR EXAMINATION

1. History: As first-year examination 2 for Economics and History
2. Theology: As first-year examination 2 for Arabic and Theology
3. One other approved subject.

* To be taken in March of the second year.

FINAL EXAMINATION

1. The Roman Empire in the early Principate
2. Western Europe and the Church 1300-1450 *or* Church and State in Western Europe *c.*1500–*c.*1750 *or* Revolution and authority in Western Europe *c.*1760–1918

3-4. *Two* of the following:*

(a) *Either* English history from the earliest times to 1042 *or* from 1042 to 1460
(b) Monasticism in western Christendom 1050–1300
(c) The Crusades
(d) Western Europe and the Church 1300–1450
(e) The 'General Crisis' of the seventeenth century

5-8. As final examination 5-8 for Arabic and Theology

9. An additional history paper chosen with the approval of the Chairman of the School of History from the options in European history prescribed for the final examination in history *or* an essay of not more than 10,000 words on a subject relating to the fields of either history or theology or common to both, to be chosen with the approval of the Departments concerned and submitted not later than 1 May. Candidates must commit themselves to writing a long essay not later than 1 June of the second year.

History of Art

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels.

SCHEME OF STUDY

First Year

1. Elements of the history and criticism of art (the first part of a two-year core course)
2-3. Two other approved subjects.

Second Year

1. Elements of the history and criticism of art (the second part of a two-year core course)
2. Theories and institutions of art
3. Detailed study of designated artists
4. A detailed study of a special subject approved by the Head of Department.

Third Year

1. A detailed study of a special subject approved by the Head of Department
2. Theories and institutions of art
3. Detailed study of designated artists
4. Study of two set books related to the special subject
5. Detailed study of designated media
6. Dissertation tutorial classes

Vacation Study and Field-Work

In the two long vacations students must spend, at the direction of the Head of the Department, approximately ten days studying in museums, galleries or archives in Great Britain or abroad and submit satisfactory evidence of the thoroughness of this study.

The detailed study of certain special periods in the fine arts may include compulsory field classes during term-time.

The cost of such study or classes is not included in the normal fee for an arts scheme.

* Not all these subjects will necessarily be offered every year, and the list may be varied from time to time.

FIRST-YEAR EXAMINATION

A qualifying examination will be held at the end of the first year, and candidates will be advised on their subsequent courses of study on the basis of their performance therein. Candidates may be called for an oral examination.

1. Elements of the history and criticism of art IA
2. Elements of the history and criticism of art IB
3-4. Two other approved subjects.

SECOND YEAR: PART I FINAL EXAMINATION

1. Elements of the history and criticism of art II
2. Special subject.

The results obtained in these examinations will form part of the final degree classification.

THIRD YEAR: PART II FINAL EXAMINATION

1. Special subject
2. Theories and institutions of art
3. Designated artists
4. Set books
5. Designated media
6. A dissertation of 8,000–10,000 words on a theme approved by the Head of the Department, to be submitted not later than 1 May.

Candidates may also be required to present themselves for an oral examination.

History of Art and History of Scientific Thought

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels.

FIELD TRIP

As for English and the History of Art.

FIRST-YEAR EXAMINATION

1. History of Art: As first-year examination 2 for English and the History of Art
2. The History and Philosophy of Science
   (a) Development of European science: one 3-hour paper and course work
   (b) Introduction to the Philosophy of science: one 2-hour paper and course work
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. Philosophy of science I and Methods and problems in historiography I.
2. Topics in the history of scientific thought: one 3-hour paper on two topics prescribed by the Chairman of the Division of the History and Philosophy of Science from the following areas:*
   Science and theology
   Science and society
   History of the biological sciences
   History of the physical sciences.

* Courses in these areas will be taught in rotation over a 2-year cycle.

PART II FINAL EXAMINATION

1-3. As final examination 3-5 for English and the History of Art
4. Methods and problems in historiography II
5. Topics in the History of scientific thought: one 3-hour paper on two prescribed topics within the areas not taken in the Second Year: Part I Examination*
or History of ideas, in its relation to English Literature
or Philosophy of science II.
In respect to the Philosophy of science II examination candidates may, with the permission of the Chairman of the Division of the History and Philosophy of Science, be examined by two essays (each of approximately 4,000 words) to be submitted by the first Monday of the third term of the final year.
6. Candidates are required to submit an essay of 8,000–10,000 words on a topic in the History of Art or the History of Scientific Thought or involving both fields. The title of the essay must be submitted to the Head of the Department of Fine Art and the Chairman of the Division of History and Philosophy of Science for approval by the end of the second year of the scheme. The essay must be submitted not later than the first day of the third term of the final year (if on a topic relating to the History of Scientific Thought or combining the History of Art and the History of Scientific Thought) or not later than 1 May (if on a topic relating to the History of Art).

Candidates may also be required to present themselves for an oral examination.

History of Art and Italian

Two schemes of study, both extending over four years. Scheme 1 is for students with previous knowledge of Italian, and Scheme 2 (with Preliminary Year in Italian) is for those with no previous knowledge. In each scheme a period will be spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. In the case of Scheme 1, one of the A level passes should normally be in Italian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

PERIODS ABROAD AND FIELD TRIPS

SCHEME 1. Candidates will be required to spend the third term of the second year of study in Italy attending an approved course of study. They will also be required, unless specially exempted by the Heads of the Departments concerned, to spend the third year of study in Italy, either registered at an Italian university or working as English-speaking assistants at an Italian educational institution. Candidates are required to spend between two and three weeks in the second long vacation studying original works of art under supervision at approved centres. The study of certain periods in the fine arts may include compulsory field courses during term time.

SCHEME 2. Candidates will be required to spend the third term of the third year of study in Italy attending an approved course of study. (In terms of courses completed, this corresponds to the second year of study in Scheme 1.) Students on Scheme 2 may also, with the approval of the Heads of the Departments concerned, spend a year in Italy between the third and final years of study. Such a year abroad is not a requirement of the syllabus; but the Department of Italian normally gives full support to students in these circumstances who seek employment as assistants in Italian schools. Candidates are required to spend between two and three weeks in the third long vacation studying original works of art under

* Courses in these areas will be taught in rotation over a 2-year cycle.

supervision at approved centres. The study of certain periods in the fine arts may include compulsory field courses during term time.
The cost of residence abroad, and of vacation or term-time field study, is not included in the normal fee for an arts scheme.

SCHEME 1

FIRST-YEAR QUALIFYING EXAMINATION

1. History of Art: As first-year examination 2 for English and the History of Art
2. Italian: As first-year qualifying examination for English and Italian (Scheme 1)
3. One other approved subject.

FINAL EXAMINATION

1-3. As Final Examination 3-5 for English and the History of Art
4-8. As Final Examination 3-7 for English and Italian
There may be an oral examination in the History of Art
9. Candidates are required to present by 1 May in their final year of study an essay of 8,000–10,000 words, written in English on a subject from the field of History of Art or Italian or involving both fields. The subject must be submitted for approval to both Heads of Departments by the beginning of the second term of the second year of study.
An oral examination in Italian.

SCHEME 2
SCHEME OF STUDY

Candidates will take the same first-year course in the History of Art as for Scheme 1, and the Preliminary Year beginners' course in Italian. In the second year they will take second-year courses in History of Art, and the same course in Italian as for the first year of Scheme 1. In the third year they will begin dissertation work in either subject or both, as appropriate, and follow the same course in Italian as for the second year of Scheme 1. The final year is identical in both schemes.

FIRST-YEAR QUALIFYING EXAMINATION PRELIMINARY YEAR IN ITALIAN

1. History of Art: As first-year examination 2 for English and the History of Art
2. Italian: As first-year qualifying examination for English and Italian (Scheme 2)
3. One other approved subject.

SECOND-YEAR QUALIFYING EXAMINATION IN ITALIAN

As first-year qualifying examination for English and Italian (Scheme 1)

FINAL EXAMINATION

As the final examination for Scheme 1
The title for the essay in 9 should be submitted for approval not later than the beginning of the second term of the third year of study.

History of the Fine and the Decorative Arts

Four years

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels.

Should candidates wish to opt for studio work as one of their first-year subjects (see 3 below) they must submit a portfolio of practical work at interview.

SCHEME OF STUDY

First Year

1. Elements of the history and criticism of art (the first part of a two-year core course)
2. One other approved subject in the Faculty of Arts
3. One of: (a) A further approved subject
   (b) Studio work in the practice of the fine arts as prescribed by the Head of Department
   (c) History of costume.

With the permission of the Head of the Department of Fine Art students may transfer to the Fine Art course at the end of their first year,* providing they have undertaken studio work in the practice of the fine arts as one of their courses of study.

Second Year

1. Elements of the history and criticism of art (the second part of a two-year core course)
2. Theories and institutions of art
3. History of style, based on the supervised study of art gallery and museum collections.

Third Year

1. Detailed study of a special subject approved by the Head of Department
2. Theories and institutions of art
3. Techniques in the decorative arts
4. History of style based on the supervised study of art gallery and museum collections.

Fourth Year

1. History of style, based on the supervised study of art gallery and museum collections
2. Museum methods in the decorative arts
3. The critical study of the decorative arts
4. Dissertation tutorial classes

Vacation Study and Field-Work

In two of the long vacations students must spend, at the direction of the Head of the Department, approximately ten days studying in museums, galleries or archives in Great Britain or abroad and submit satisfactory evidence of the thoroughness of this study.

Students will be required during term-time to undertake an annual one-week residential field course in London in relation to the study of the history of style.

The detailed study of certain special periods in the fine arts may include compulsory field classes during term-time.

The cost of such study or classes is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

A qualifying examination will be held at the end of the first year, and candidates will be advised on their subsequent courses of study on the basis of their performance therein. Candidates may be called for an oral examination.

1. Elements of the history and criticism of art IA
2. Elements of the history and criticism of art IB
3. One other approved subject
4. One of: (i) A further approved subject
   (ii) An examination of work in the practice of art done during the year
   (iii) History of costume.

* See also Ordinance II, article 5, p 1.

THIRD-YEAR: PART I FINAL EXAMINATION

Part I of the final examination will relate to the syllabus covered in the second and third years.
Candidates must satisfy the examiners in the Part I examination before proceeding to further study. The result obtained will form part of the final degree classification.

1. Special subject in the history of art
2. Elements of the history and criticism of art II
3. Theories and institutions of art
4. History of the decorative arts I
5. Techniques of the decorative arts
6. Candidates will be required to submit for examination examples of work in museum techniques.

FOURTH YEAR: PART II FINAL EXAMINATION

1. History of the decorative arts II
2. Museum studies
3. A dissertation of 8,000 to 10,000 words on a theme approved by the Head of the Department to be submitted not later than 1 May.

Candidates may also be required to present themselves for an oral examination.

Ibero-American Studies

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Spanish at A level.

SCHEME OF STUDY

First Year

1. Spanish language
2. Portuguese language

and the following one-term courses:

3. Modern Spanish literature
4. Modern Portuguese literature
5. Modern Spanish-American literature
6. Modern Spanish art and film
7. Contemporary Spanish history, politics and institutions
8. Latin-American geography
9. Modern Latin-American history and politics

In addition students will attend essay tutorials during the year and the work done for these will be taken into account. Candidates will also take one subsidiary subject, to be approved by the Head of the Department.

Second Year

1. Spanish language
2. Portuguese language
3. The history of Spain and of colonial Latin America to *c.* 1700
4. Spanish literature to *c.* 1700
5. Portuguese literature and history of the nineteenth and twentieth centuries.

In addition students will attend weekly seminars and will present four essays of some 2,000 words each on prescribed topics. The marks obtained for these essays will be incorporated in the second-year examination results. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

PERIOD ABROAD

Students will normally be required to spend the third term of the second year studying at an approved institution in Portugal or Brazil, and the third year in a Spanish-speaking country. With the permission of the Head of the Department students may be permitted to spend a term in Spain and a year in Portugal or Brazil. Students may apply for a post as an English-speaking assistant in a Spanish or Latin-American educational institution or may elect to follow an approved course of study of one academic year at a university in Spain or a Latin-American country. During the year abroad students may elect to write a dissertation of some 10,000 words on a topic of language, literature, history, or civilization, the subject of the dissertation to be approved by the Head of the Department. The dissertation will be offered in lieu of one final-year course. The decision to present the dissertation must be made not later than 15 October of the final session and the closing date for its presentation will be 15 January of that session. The cost of residence abroad is not included in the normal fee for an arts scheme.

Final Year

1. Spanish language
2. Portuguese language
3. Five final-year courses (one of which may be replaced by a dissertation) made up as appropriate of full and/or half courses and including at least two courses in the Latin-American (including Brazilian) field, the choice to be subject to the approval of the Head of the Department (see below under examinations).

In addition students will be required to present prescribed essays on topics related to their chosen courses and the marks obtained will be incorporated in the examination result. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

EXAMINATIONS

FIRST-YEAR EXAMINATION

1. Spanish language I
2. Spanish language II (1½-hour paper)
3. Portuguese language
4. Modern Spanish and Spanish-American literature
5. Modern Latin-American history, geography and politics
6. Modern Portuguese literature
7. Contemporary Spanish history, politics and institutions (2-hour paper)
8. The prescribed examination in the subsidiary subject

SECOND-YEAR PART I EXAMINATION

1. The history of Spain and of colonial Latin America to *c.* 1700*
2. Spanish literature to *c.* 1700*
3. Portuguese literature and history of the nineteenth and twentieth centuries

FINAL EXAMINATION

1. Translation into Spanish
2. Translation from Spanish and essay in Spanish
3. Translation from and into Portuguese

4–8. Five of the following, subject to the conditions stated above:
   (a) Spanish in an economic and business context
   (b) Latin-American geography
   (c) Early Galician lyric poetry
   (d) Literature as journey in Golden Age Spain
   (e) Latin American history

* To be taken in March of the second year.

(f) Spanish poetry, 1900–1936
(g) The Spanish-American contemporary novel
(h) The Civil War in Spanish literature
(i) Spain under Franco, 1936–1975
(j) Eça de Queiros (half-course; 1½-hour paper)
(k) Twentieth-century Portuguese literature (half-course; 1½-hour paper)
(l) Machado de Assis (half-course; 1½-hour paper)
(m) Twentieth-century Brazilian literature (half-course; 1½-hour paper)
(n) Portuguese poetry (half-course; 1½-hour paper)
(o) A dissertation of approximately 10,000 words subject to the conditions stated above.

(Not all of these courses may be available in any given year.)
In addition to the written examinations there will be an oral examination in Spanish and in Portuguese which together will carry the same marks as one written paper.

International History and Politics

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including history at A level. A reading knowledge of a modern foreign language (normally French or German) is preferred.

FIRST-YEAR EXAMINATION

1. International history 1494-1814
2. A documentary study
3. Politics
4. One other approved subject.

A qualifying examination consisting of one paper in history and one paper in a documentary study, two papers in politics, and the required papers in the approved subject, will be taken at the end of the first year and must normally be passed by candidates before they proceed to further study. Candidates may elect to substitute three essays of between 2,000 and 3,000 words each, on topics approved by the Head of the Department of Politics, for one of the papers in politics. Candidates who choose to be examined in this way must notify the Head of the Department of Politics, in writing, not later than the last day of the first term. In each case the essays must be submitted as follows:

The *first* not later than the first day of the second term
The *second* not later than the first day of the third term
The *third* not later than the first day of the May/June examination period.

Candidates whose essays do not satisfy the examiners in June will not be allowed to be re-examined by this method in September or subsequently; re-examination, when allowed, will be by 3-hour papers.
Such substitution may be made provided that no more than three, three-hour examination papers are substituted by essays and provided that at least one examination in each subject area in the examination is assessed by a three-hour paper which has not been shown to students in advance.

FINAL EXAMINATION

1. International history 1814–1918
2. International history 1919–1953
3. Contemporary international politics

4-5. *One* of the following special subjects in international history (two papers):*
(a) Florence in the fourteenth and fifteenth centuries
(b) The Council of Trent and the Counter-Reformation
(c) The Reign of Queen Anne and the War of the Spanish Succession
(d) The Seven Years War in America
(e) The French Revolution and Europe
(f) The Great Powers and the Balkans, 1908 to 1914
(g) British Policy in the Middle East, 1914 to 1918
(h) Chemical and Biological Warfare, 1915 to 1945
(i) China in the 1920s
(j) The International Crisis, 1929 to 1939
(k) Propaganda in the Second World War
(l) The Birth of the Cold War, 1945 to 1949: from Yalta to Berlin.

6-8. Three of the following* *at least one of which* must be (a) or (b):
(a) The making of foreign policy
(b) Strategic ideas in the nuclear age, since 1953
(c) Imperial expansion: Siberia and Canada 1580–1913
(d) The evolution of modern America
(e) History of Eastern Asia from 1840
(f) History of Russia from 1856
(g) Communications and politics in the twentieth century
(h) The making of military policy
(i) An optional subject to be selected with the approval of the Head of the Department of Politics from the courses offered for the final examination for the degree of political studies.
(j) A further optional subject in politics to be selected as in (i) above
(k) A dissertation in international history of 9,000–11,000 words on a subject to be approved by the Professor of International History. Candidates must commit themselves to writing a dissertation not later than 1 June of the second year, and the work must be submitted not later than the last day of the second term of the final year.

Candidates opting for (i) or (j) above, and not submitting a dissertation in international history, may, with the approval of the Head of the Department of Politics, substitute an essay of between 5,000 and 8,000 words for one paper in an optional course in politics. Candidates who so elect must apply in writing for permission to be examined by an essay not later than the last day of the first term of the final year. The essay topic must be chosen with the approval of the examiners in the last week of the first term, and the essay must be submitted not later than the fourteenth calendar day of the third term of the final year.

Italian and Latin

Two schemes of study, both extending over four years. Scheme 1 is for students with previous knowledge of Italian, and Scheme 2 (with Preliminary Year in Italian) is for those with no previous knowledge. In each scheme a period will be spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. In the case of Scheme 1, one of the A level passes should normally be in Italian and another must be in Latin. In the case of Scheme 2, one of the A level passes must be in Latin.

* Not all these subjects will necessarily be offered every year, and the lists may be varied from time to time.

PERIOD ABROAD

SCHEME 1. Candidates will be required to spend the third term of the second year of study in Italy attending an approved course of study. They will also be required, unless specially exempted by the Heads of the Departments concerned, to spend the third year of study in Italy, either registered at an Italian university or working as English-speaking assistants at an Italian educational institution.

SCHEME 2. Candidates will be required to spend the third term of the third year of study in Italy attending an approved course of study. (In terms of courses completed, this corresponds to the second year of study in Scheme 1.) Students on Scheme 2 may also, with the approval of the Heads of Departments concerned, spend a year in Italy between the third and final years of study. Such a year abroad is not a requirement of the syllabus; but the Italian Department normally gives full support to students in these circumstances who seek employment as assistants in Italian schools.
The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME 1

FIRST-YEAR QUALIFYING EXAMINATION

1. Italian: As first-year qualifying examination 2 for English and Italian (Scheme 1)
2. Latin: As first-year examination 2 for the three-year scheme in English and Latin
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

(The examination takes place in September, between the term abroad and the year abroad.)
1-2. Translation and questions arising from *two* of the following Latin genres: lyric poetry, love elegy, historical writing, drama epic, satire, philosophical writing. (Two 2-hour papers)
3. Latin prose composition (2-hour paper)

PART II FINAL EXAMINATION

1-5. As final examination 3-7 for English and Italian
6. Latin unprepared translation (one paper)
7-8. Translation and questions arising from *two* further Latin genres chosen from those listed under the second year (two papers)
9. Either Latin general paper I (translation) *or* Special Subject (one paper)
Latin prose or verse composition may be offered as an optional subject
With the consent of the Heads of both Departments concerned, candidates may offer in place of papers 5 and 9 an essay of 8,000–10,000 words, written in English on a subject in the fields of Italian or Latin or involving both fields. The subject must be submitted for approval to both Heads of Departments by the end of the second term of the second year of study. The essay must be submitted by the beginning of the third term of the final year.
An oral examination in Italian.

SCHEME 2

SCHEME OF STUDY

Candidates will take the same first-year course in Latin as for Scheme 1, and the Preliminary Year beginners' course in Italian. In the second year they will take the same course in Italian as for the first year of Scheme 1, and the same course in Latin as for the second year of Scheme 1. During the third year they will take the same course in Italian as for the second year of Scheme 1, and an auxiliary course in Latin for which special arrangements will be made. The final year of study is identical in both schemes.

FIRST-YEAR QUALIFYING EXAMINATION (PRELIMINARY YEAR IN ITALIAN)

1. Italian: As first-year qualifying examination 2 for English and Italian (Scheme 2)
2. Latin: As first-year examination 2 for the three-year scheme in English and Latin
3. One other approved subject.

SECOND YEAR:
QUALIFYING EXAMINATION IN ITALIAN

As first-year qualifying examination 2 for English and Italian (Scheme 1)

PART I EXAMINATION IN LATIN

As second-year Part I examination for Scheme 1

FINAL EXAMINATION

As final examination for Scheme 1
The subject for the essay which may replace 5 and 9 must be submitted for approval by the end of the second term of the third year of study.

Italian and Management Studies

Two schemes of study, both extending over four years. Scheme 1 is for students with previous knowledge of Italian, and Scheme 2 (with a Preliminary Year in Italian) is for those with no previous knowledge in Italian. In each scheme a period will be spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics. In the case of Scheme 1, one of the A level passes should normally be in Italian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

PERIOD ABROAD

SCHEME 1. Candidates will be required, unless specially exempted by the Heads of the Departments concerned, to spend the third year of study in Italy registered at a designated Italian university *or* attached to an industrial, commercial or administrative organization.

During this year abroad students will write a long essay of about 5,000 words in English on a subject concerned *either* with the organization to which they are attached *or* with the country or region in which they are living. They will also submit such other written work as may be required by the two Departments.

SCHEME 2. Candidates will be required to spend the third term of the third year of study in Italy, attending an approved course of study. (In terms of courses completed, this corresponds to the second year of study in Scheme 1.) Students on Scheme 2 may also, with the approval of the Heads of Departments concerned, spend a year in Italy between the third and final years of study. Such a year abroad is not a requirement of the syllabus; but the Departments will give full support to students in these circumstances who secure employment for this purpose, and will provide their good services where they can. In this case, written work will be required as detailed above for Scheme 1.

The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME 1

FIRST-YEAR QUALIFYING EXAMINATION

1. Italian: As first-year qualifying examination 2 for English and Italian (Scheme 1)

2. Management Studies: As first-year examination 2 for German and Management Studies
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

(The examination will take place at the end of the second term.)
Organization studies C2 (2 hours)
Management economics C2 (2 hours)
Models for control C2 (2 hours)
(Courses studied in the second year in Italian are as for the second year of Scheme 1 in English and Italian)

FOURTH YEAR: PART II FINAL EXAMINATION

1-5. As final examination 3-7 for English and Italian
6. Business policy C3
7-8. Two papers selected from the list offered for final examination 7-8 in German and Management Studies

An oral examination in Italian.

SCHEME 2

FIRST-YEAR QUALIFYING EXAMINATION (PRELIMINARY EXAMINATION IN ITALIAN)

1. Italian: As first-year qualifying examination for English and Italian (Scheme 2)
2. Management Studies: As first-year examination 2 for German and Management Studies
3. One other approved subject.

SECOND YEAR

QUALIFYING EXAMINATION IN ITALIAN

1. As first-year qualifying examination for English and Italian (Scheme 1)

PART I FINAL EXAMINATION

2. As for Scheme 1.

THIRD YEAR

Courses studied in Italian as for the second year of Scheme 1, with the third term spent in Italy.

Students will follow one extra course in Management Studies, chosen on the advice of that Department, and sit a departmental examination paper at the end of the second term.

FOURTH YEAR: PART II FINAL EXAMINATION

As for Scheme 1.

Italian and Music

Two schemes of study, both extending over four years.
Scheme 1 is for students with previous knowledge of Italian, and Scheme 2 (with Preliminary Year in Italian) is for those with no previous knowledge. In each scheme a period will be spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, preferably including Music at

A level. In the case of Scheme 1, one of the A level passes should normally be in Italian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

PERIOD ABROAD

SCHEME 1. Candidates will be required to spend the third term of the second year of study in Italy attending an approved course of study. They will also be required, unless specially exempted by the Heads of the Departments concerned, to spend the third year of study in Italy, either registered at an Italian university or working as English-speaking assistants at an Italian educational institution. During the year abroad, candidates will continue practical musical studies, and prepare such written work as may be required by the two Departments.

SCHEME 2. Candidates will be required to spend the third term of the third year of study in Italy attending an approved course of study. (In terms of courses completed, this corresponds to the second year of study in Scheme 1.) Students on Scheme 2 may also, with the approval of the Heads of the Departments concerned, spend a year in Italy between the third and final years of study. Such a year abroad is not a requirement of the syllabus; but the Department of Italian normally gives full support to students in these circumstances who seek employment as assistants in Italian schools. During any year abroad candidates will continue practical musical studies, and prepare such written work as may be required by the two departments.
The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME 1
FIRST-YEAR QUALIFYING EXAMINATION

1. Italian: As first-year qualifying examination 2 for English and Italian (Scheme 1)
2. Music: As first-year examination 2 for English and Music
3. One other approved subject

SECOND YEAR: PART I FINAL EXAMINATION

(The examination will take place in March.)
As Part I final examination for German and Music
(Courses studied in the second year in Italian are as for the second year of Scheme 1 in English and Italian.)

PART II FINAL EXAMINATION

1-5. As Part II final examination 3–7 in English and Italian
6-7. As Part II final examination 3–4 in English and Music
8. Candidates will be required to submit an essay of 8,000–10,000 words, written in English, on a subject which may relate to Italian or to Music or which may link the two fields of study. The title should be submitted for approval to the Heads of the two Departments by the end of the second term of the second year of study. The essay should be submitted by the end of the second term of the final year.
Candidates may be required by the examiners to present themselves for a viva-voce examination in Music.
An oral examination in Italian.

SCHEME 2
FIRST-YEAR QUALIFYING EXAMINATION (PRELIMINARY EXAMINATION IN ITALIAN)

1. Italian: As first-year qualifying examination for English and Italian (Scheme 2)
2. Music: As first-year examination 2 for Scheme 1
3. One other approved subject

SECOND YEAR
QUALIFYING EXAMINATION IN ITALIAN

1. As first-year qualifying examination 2 for English and Italian (Scheme 1)

PART I EXAMINATION IN MUSIC

2. As second-year Part I examination for Scheme 1, but taken in June

THIRD YEAR

Courses studied in Italian as for the second year of Scheme 1
There will be departmental examinations in Music (including special study or studies) in March.

FINAL EXAMINATION

As for the final examination in Scheme 1
The title for the essay in 8 should be submitted for approval by the end of the second term of the third year of study.

Italian and Roman Civilization

Two schemes of study, both extending over four years. Scheme 1 is for students with previous knowledge of Italian, and Scheme 2 (with Preliminary Year in Italian) is for those with no previous knowledge. In each scheme a period will be spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. In the case of Scheme 1, one of the A level passes should normally be in Italian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

PERIOD ABROAD

SCHEME 1. Candidates will be required to spend the third term of the second year of study in Italy attending an approved course of study. They will also be required, unless specially exempted by the Heads of the Departments concerned, to spend the third year of study in Italy, either registered at an Italian university or working as English-speaking assistants at an Italian educational institution.

SCHEME 2. Candidates will be required to spend the third term of the third year of study in Italy attending an approved course of study. (In terms of courses completed, this corresponds to the second year of study in Scheme 1.) Students on Scheme 2 may also, with the approval of the Heads of the Departments concerned, spend a year in Italy between the third and final years of study. Such a year abroad is not a requirement of the syllabus; but the Department of Italian normally gives full support to students in these circumstances who seek employment as assistants in Italian schools.
The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME 1

FIRST-YEAR QUALIFYING EXAMINATION

1. Italian: As first-year qualifying examination 2 for English and Italian (Scheme 1)
2. Roman Civilization: As first-year examination 2 for Arabic and Roman Civilization
3. One other approved subject.

FINAL EXAMINATION

1-5. As final examination 3-7 for English and Italian
6-9. As final examination 5-8 for Arabic and Roman Civilization
10. Candidates are required to present by 1 March in their final year of study an essay of 8,000–10,000 words, written in English on a subject from the fields of Italian or Roman Civilization or involving both fields. The subject must be submitted for approval to both Heads of Departments by the end of the second term of the second year of study.
An oral examination in Italian.

SCHEME 2
SCHEME OF STUDY

Candidates will take the same first-year course in Roman Civilization as for Scheme 1, and the Preliminary Year beginners' course in Italian. In the second year they will take an auxiliary course in Roman Civilization, for which special arrangements will be made, and the same course in Italian as for the first year of Scheme 1. The third year, in both subjects, corresponds to the second year of Scheme 1, and the final year is identical in both schemes.

FIRST-YEAR QUALIFYING EXAMINATION (PRELIMINARY YEAR IN ITALIAN)

1. Italian: As first-year qualifying examination 2 for English and Italian (Scheme 2)
2. Roman Civilization: As first-year examination 2 for Arabic and Roman Civilization
3. One other approved subject

SECOND-YEAR QUALIFYING EXAMINATION IN ITALIAN

As first-year qualifying examination 2 for English and Italian (Scheme 1)

FINAL EXAMINATION

As final examination for Scheme 1
The title of the essay in 10 should be submitted for approval by the end of the second term of the third year of study.

Italian Language and Literature*

Two schemes of study, both extending over four years. Scheme 1 is for students with previous knowledge of Italian, and Scheme 2 (with Preliminary Year) is for those with no previous knowledge. In each scheme a period will be spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels.
For Scheme 1, *one* A level should normally be in Italian.
For Scheme 2, evidence of ability is sought, usually in the form of a good A-level pass in another foreign language.

PERIOD ABROAD

SCHEME 1. All students spend the third term of the second year abroad, and are also required unless there are exceptional circumstances to spend the third year of study in Italy. The third term of the second year is spent attending an approved course of study, either in Italy or in the country of a foreign language which the student is reading as subsidiary subject. If the subsidiary subject is Russian, the term is spent in Italy, and not less than one

* The title of this degree will include the name of the subsidiary subject which has been read throughout the scheme of study.

month is spent in the vacation at an approved course in the Soviet Union or an Eastern European country.
The year in Italy may be spent as a registered student at an Italian university, or as an English-speaking assistant at an Italian educational institution. Other forms of residence may be approved by the Department, provided that they provide sufficient educational experience and do not prevent the fulfilment of the requirements of the scheme of study.
SCHEME 2. All students spend the third term of their third year of study in Italy. (This corresponds, in terms of courses completed, to the second year of study in Scheme 1.) The term is spent following an approved course of study. Students taking another modern European language as a subsidiary subject must also attend a course in a country where that language is spoken, during the long vacation preceding their final year.
Students on Scheme 2 may also choose to spend an academic year in Italy, between the third and final years of study. Since this is not a requirement of the syllabus, no conditions can be attached to it: but the Department normally gives all the support it can to students in this situation if they seek paid employment, for example as English-speaking assistants in Italian schools.
The cost of residence abroad is not included in the fee for an arts scheme.

SCHEME OF STUDY AND EXAMINATIONS

PRELIMINARY EXAMINATION (SCHEME 2 ONLY)

1. Italian language: translations and essay
2. Italian prescribed texts
3. Phonetics of Italian (1½-hour paper)

Plus the appropriate examinations for at least *one* of:

4. Latin, French, German, Spanish *or* English
5. A second subject from 4, or another approved subject

Oral and aural examinations.
(Examination in one of 4-5 may be postponed until the second year of study for Scheme 2. Satisfactory performance in the remaining papers is a requirement before a candidate can proceed to further study.)

FIRST YEAR EXAMINATION FOR SCHEME 1, SECOND YEAR EXAMINATION FOR SCHEME 2

1. Italian language: translations
2. Italian language: essay (1½-hour paper)
3. Italian literature and society of the nineteenth century
4. Italian literature and society of the twentieth century
5. Phonetics of Italian (if not already taken)
6. Romance Philology (1½ hours)
7. The appropriate examinations for Latin, French, German, Spanish *or* English
8. A second subject from 7, or another approved subject

An oral examination.
(Students reading Scheme 2 will take only one of 7–8, the other having been taken in the Preliminary Year.)
This is a qualifying examination, and candidates must pass it before proceeding to further study.

SECOND-YEAR STUDIES FOR SCHEME 1, THIRD-YEAR STUDIES FOR SCHEME 2

The following courses are studied for two terms. The third term is spent abroad.
Italian language, written and oral
History of the Italian language, 1
Dante, 1
Italian literature and society to 1400
Italian literature and society of the Renaissance
Courses in one subsidiary subject

FINAL-YEAR STUDIES

The following courses are taken:
Italian language, written and oral
History of the Italian language, 2
Dante, 2
Two courses, as detailed in nos. 7-8 of the Final Examination, *one* of which may be replaced by a dissertation
Courses in the subsidiary subject

FINAL EXAMINATION

1. Italian language: translations
2. Italian language: essay
3. History of the Italian language
4. Dante
5. Italian literature and society to 1400
6. Italian literature and society of the Renaissance

7-8. *Two* from the following*:
The minor works of Dante
Lyric poetry in the Italian Renaissance
The works of Niccolo Machiavelli
The Counter-Reformation, 1500–1648
The island of Sardinia since 1848
Theory and practice of fiction in twentieth-century Italy

One of papers 7-8 may be replaced by a dissertation of 8,000–10,000 words on a subject approved by the Head of Department. The title must be approved before the student embarks on residence abroad; and the essay must be submitted by the end of the second term of the final year.

9-10. The appropriate examinations for the subsidiary subject.
An oral examination.

Latin†

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Latin at A level. Candidates with no knowledge of Greek will be required to take an introductory course in Greek in the first year.
Admission to this scheme is by way of admission to Classics Scheme B.

FIRST-YEAR EXAMINATION

As first-year examination for Classics

FINAL EXAMINATION

PART I

As second year Part I Examination for Scheme B in Classics.
Candidates taking a subsidiary subject which requires them to spend the third term of the second year abroad will take the Part I examination in September.

* Not all of these courses will be available in every year, and others may be added from time to time.

† The title of this degree will include the name of the subsidiary subject which has been read throughout the scheme of study.

PART II

1-6. As final examination 1-6 for Scheme B in Classics

In addition, candidates will complete the course in the approved subject (other than Greek) begun in the first year, thus completing a three-year course in all, and present themselves for the necessary examination. The final examination in the subsidiary subject will be regarded as the equivalent of two 3-hour papers and the results obtained will be taken into account on this basis when considering the result of the final degree examination. Latin prose or verse composition may be offered as an optional subject.

Latin and Ancient History

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Latin at A level.

FIRST-YEAR EXAMINATION

1. Latin
2. Greek and Roman history and society
3. Greek or another approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1-2. Translation from Latin genres, with questions arising out of them (two 2-hour papers)
3. Latin prose composition (2-hour paper)
4-5. *Two* from: Imperialism in the sixth- and fifth-century Greek world
The Roman Empire in the early Principate
Another approved subject (two 2-hour papers).

THIRD YEAR: PART II FINAL EXAMINATION

1-2. Translation from Latin genres, with questions arising out of them
3. Latin unprepared translation
4. Latin general paper
5. *One* from: The archaic age of Greece
Athenian democracy
The age of Alexander
6. *One* from: The age of Cicero
Rome and the Latins
History and archaeology of Roman Britain*
Roman technology
Rome, Persia and the Goths
7. *One* from: The Greek historians
Greek or Roman numismatics
Roman epigraphy (one 2-hour paper)
8. *Either* an approved special subject *or* a dissertation of between 8,000 and 10,000 words on a topic approved by the Chairman of the School of Classics.†

* A period of two weeks' excavation is an integral part of this course.

† Students must inform the Chairman of the School of their intention to do the dissertation by 20 June in their second year of study. The dissertation is to be presented by 1 May of the final year.

Latin and Religious Studies

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Latin at A level.

FIRST-YEAR EXAMINATION

1. Latin: As first-year examination 2 for the three-year scheme in English and Latin
2. Religious studies: As first-year examination 2 for Arabic and Religious Studies
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1-3. As 3-5 for second year: Part I examination for the three-year scheme for English and Latin.

PART II FINAL EXAMINATION

1-3. As final examination 3-5 for English and Latin
4-7. As final examination 5-8 for Arabic and Religious Studies.

In addition, candidates will be required to submit not later than 1 May an essay of 8,000–10,000 words on a subject related to the scheme and approved by the Heads of both Departments.

Latin and Russian

Schemes of study extending over a period of four years (Scheme 2) or four years including a year abroad (Scheme 1).

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. In the case of Scheme 1, one of the A level passes should normally be in Russian and another must be in Latin. In the case of Scheme 2. one of the A level passes must be in Latin.

SCHEME OF STUDY

Students accepted for Scheme 2 devote their first year entirely to the study of Russian. Thereafter the remainder of Scheme 2 is identical with Scheme 1. In the first year of Scheme 1, students will attend courses on language and literature in both Latin and Russian; they will also be required to offer one other approved subject. In the final two years of both Scheme 2 and Scheme 1 students will continue the study of Latin; for the Russian element of the degree there will be alternative schemes of study, Scheme A and Scheme B. Special attention will be paid to literature in Scheme A, and to history and other aspects of Slavonic studies in Scheme B.

PERIOD ABROAD

SCHEME 2. Candidates will normally be required to spend a period of not less than three months in the U.S.S.R. or a comparable period in an East European country at an appropriate point in the scheme. The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME 1. Candidates will normally be required to spend the third year of study in the U.S.S.R. or in an East European country, or in a Russian-speaking environment. The cost of residence abroad is not included in the normal fee for an arts scheme.

EXAMINATIONS

FIRST-YEAR EXAMINATION FOR SCHEME 2

1. Translation into Russian
2. Translation from Russian
3. Russian literature and prescribed texts
4. Soviet history and society (2-hour paper)

An oral examination.

SECOND-YEAR EXAMINATION FOR SCHEME 2, FIRST YEAR EXAMINATION FOR SCHEME 1

1. *Latin*
   (a) Latin language including unprepared translation
   (b) Latin literature and prescribed texts
2. *Russian*
   (a) Translation into Russian and essay in Russian
   (b) Translation from Russian (2-hour paper)
   (c) Aural (1½-hour paper)
   (d) Russian literature with prescribed texts (2-hour paper, together with an assessment of students' essays written during the year)

An oral examination in Russian

3. One other approved subject

THIRD-YEAR EXAMINATION FOR SCHEME 2, SECOND YEAR EXAMINATION FOR SCHEME 1: PART I FINAL EXAMINATION

(The examination will take place in September for Scheme 2 and May/June for Scheme 1)

1-2. Translation from Latin genres, with questions arising out of them (two 2-hour papers)

3. Latin prose composition (2-hour paper)

PART II FINAL EXAMINATION

1. Latin unprepared translation

2-3. Translation from Latin genres, with questions arising out of them (two 3-hour papers)

4. *Either* Latin general paper 1 (translation) *or* Special subject

Latin prose or verse composition may be offered as an optional subject

5. Essay in Russian
6. Translation from and into Russian
7. *Either* History of Russia from 1856* *or* The Russian novel†

8-9. Two papers chosen from: History of Russia from 1856* *or* The Russian novel†; Bulgarian *or* Czech with Prescribed Texts; Pushkin; Russian drama‡; Russian poetry‡; Tolstoy and Dostoevsky; Russian literature of the Soviet period‡; From Chekhov to Zamyatin: the Russian short story, 1890–1922; Nineteenth-century Russian thought; Contemporary Soviet politics, planning and society§; Geography of the USSR¶; The

* To be examined by two essays of 2,000–3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds and by one essay of 4,000–5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

† A 2-hour paper taken at the end of the second term of the penultimate year of study, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

‡ A 2-hour paper, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented by the end of the first week of the final year for courses taken in a candidate's penultimate year or by 1 May for courses taken in the final year.

§ To be examined by three essays of about 3,000 words each on approved topics, to be submitted by 1 May of the final year.

¶ A 2-hour paper together with an essay of 4,000 words on an approved topic to be presented by 1 May of the final year.

Russian church; Imperial expansion: Siberia and Canada, 1580–1913; Soviet foreign policy.

A candidate's choice will be subject to the approval of the Head of the Department.

An oral examination.

Candidates may, with the approval of the Head of the Department, submit an essay of 8,000–10,000 words instead of the examination in one of their options. Candidates must commit themselves to writing an essay not later than the last day of the first term of the final year, and the work must be submitted by the subsequent 1 May.

Latin and Spanish

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Latin and Spanish at A level.

PERIOD ABROAD

Candidates will be required to spend the third year of study in a Spanish-speaking country. With the permission of the Heads of both Departments they may be allowed, in lieu of this requirement, to spend a period of at least two months in Spain during the long vacation of either their first or second year, this period to include attendance at approved courses of study. The cost of residence abroad is not included in the normal fee for an arts scheme.

During their year abroad candidates will be required to write an essay of some 8,000 words within the field of Latin or Spanish or combining both subjects. The closing date for the presentation of the essay will be 1 December of the final year.

FIRST-YEAR EXAMINATION

1. Latin: As first-year examination 2 for the three-year scheme in English and Latin
2. Spanish: As first-year examination 2 for Arabic and Spanish

In addition, students will attend selected essay tutorials during the year, and the work done for these will be taken into account.

3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. The history of Spain to *c.* 1700 (2-hour paper; half-paper equivalent)*
2. Spanish literature to *c.* 1700 (2-hour paper; half-paper equivalent)*

In addition the Spanish Department will require students to attend fortnightly seminars and to present two essays of some 2,000 words each on prescribed topics. The marks obtained for these essays will be incorporated in the second-year examination results. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

PART II FINAL EXAMINATION

1-3. As final examination 3-5 for the three-year scheme in English and Latin
4. Latin literature: prescribed books II (this paper will include texts from Spanish authors writing in Latin)
5. *Two* of the following:†
   (a) Latin tragedy and comedy
   (b) Latin epic

* To be taken in March of the second year.

† Not all of these subjects will necessarily be offered each year. The list may be altered from time to time.

(c) Latin pastoral poetry
(d) Latin satire
(e) An approved period or topic of Roman history
(f) An introduction to Graeco-Roman philosophy
(g) The Romans in Spain
(h) An approved special subject

6. Latin general paper
7-8. As final examination 5-6 for Arabic and Spanish
9-10. Any two papers selected from the final-year examination papers 3-6 for Spanish
11. History of Spanish language.
An oral examination in Spanish.

In addition students will be required to present prescribed essays on topics related to their chosen courses in Spanish and the marks obtained will be incorporated in the examination result. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

Latin and Theology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Latin at A level.

FIRST-YEAR EXAMINATION

1. Latin: As first-year examination 2 for three-year scheme in English and Latin
2. Theology: As first-year examination 2 for Arabic and Theology
3. One other approved subject.

SECOND-YEAR PART I FINAL EXAMINATION

1-3. As 3-5 for second year: Part I examination for the three-year scheme for English and Latin.

PART II FINAL EXAMINATION

1-3. As final examination 3-5 for English and Latin
4-7. As final examination 5-8 for Arabic and Religious Studies

In addition, candidates will be required to submit not later than 1 May an essay of 8,000 to 10,000 words on a subject related to the scheme and approved by the heads of both departments.

Linguistics and Phonetics

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; an A or AS level in a language other than English is preferred. An AS level in a non-arts subject would be regarded as an advantage.

SCHEME OF STUDY

As well as course components in Linguistics and Phonetics, students will be required to take two subsidiary subjects in their first year. *One* of these will be a language new to the students concerned. All students in any one year will study the same language. The languages which can be offered in this way are the following: Arabic, Chinese, Italian and Portuguese. Each year the Department will select one of these languages, depending on the

languages already studied by the prospective students. The choice of language will be communicated to applicants as early as possible in the academic year preceding their year of entry.

FIRST-YEAR EXAMINATION

1. Linguistics and Phonetics:
   (a) Language and linguistics
   (b) Formal linguistics and computing
   (c) General phonetics
   (d) Practical language analysis
   An oral examination in phonetics.
2-3. Oral and written examinations as appropriate in the subjects studied at subsidiary level.

SECOND YEAR: PART I FINAL EXAMINATION

Candidates will be examined in the third term of the second year in the following:
1. Sociolinguistics and stylistics: One 2-hour written paper and an exercise in practical stylistic description to be submitted by the first day of the May/June examination period. The optimum length of the exercise shall be 3,000 words.
2. Experimental phonetics.

These papers and exercise will jointly constitute Part I of the Final Examination and the results achieved will be taken into account in determining the class of degree awarded.

During the summer vacation between the second and final years students will undertake a field project, the report on which shall be submitted to the Department at the beginning of the first term of the final year.

FINAL YEAR: PART II FINAL EXAMINATION

3. Linguistic theory and analysis
4. Structure of English
5. Phonology
6. Semantics and historical linguistics
7. Problems in phonetics (1½-hour paper)
8. Schools of linguistic thought (1½-hour paper)
9. Language teaching and psycholinguistics (1½-hour paper)
10. Assessment of the practical project in computing (equivalent to ½ paper)
11. Assessment of the practical project in experimental phonetics (equivalent to ½ paper)
12. Assessment of the fieldwork project (equivalent to ½ paper)
13. A practical examination in phonetics (to be taken in December of the final year; equivalent to ½ paper)

Linguistics and Russian

Two four-year schemes. Scheme 1 includes a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. In the case of Scheme 1, one of the A level passes should normally be in Russian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

PERIOD ABROAD

Scheme 2: Students will normally be required at an appropriate point in their scheme to spend a period of at least three months in the Soviet Union, or a comparable period in an Eastern European country.

Scheme 1: Students will normally be required to spend the third year of study in the Soviet Union, or in an Eastern European country, or in a Russian-speaking environment. In addition they will be required to spend the summer term of their second year of study in Czechoslovakia or Bulgaria.

The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION FOR SCHEME 2

As the first-year examination for Scheme 2 in Economics and Russian.

SECOND-YEAR EXAMINATION FOR SCHEME 2, FIRST-YEAR EXAMINATION FOR SCHEME 1

1. Russian: As first-year examination 1 for Arabic and Russian
2. Linguistics:
   (a) General phonetics
   (b) Russian phonetics (1½-hour paper)
   (c) Language and linguistics

An oral examination in phonetics

3. One other approved subject.

THIRD YEAR OF SCHEME 2, SECOND YEAR OF SCHEME 1: PART I FINAL EXAMINATION

At the end of the second term of the penultimate year of study (or third term for those not going abroad) candidates will be examined in sociolinguistics and stylistics: 1½-hour paper. The result will be used in determining the class of degree.

All students are required to undertake a field project during their period of residence abroad, the report on which shall be submitted to the Department of Linguistics and Phonetics at the beginning of the first term of the final year.

FINAL YEAR: PART II FINAL EXAMINATION

2-3. As final examination 5-6 for Arabic and Russian
4. Bulgarian or Czech with prescribed texts
5. *One* of the following:
   (a) Russian poetry*
   (b) The Russian novel†
   (c) History of Russia from 1856‡
   (d) One paper from the options listed for the final examination 6-10 in Russian Studies excluding Bulgarian or Czech with prescribed texts.
6. An essay of 8,000–10,000 words on an approved topic within the fields of linguistics or phonetics or Russian or a combination, to be submitted by 1 May in the final year
7-8. As final examination 7-8 for Arabic and Linguistics
9. Linguistic and phonetic description of Russian
10. Phonetics of English (1½-hour paper)
11. Final-year option in linguistics (1½-hour paper)

An oral examination in Russian and a oral examination in phonetics.

* A 2-hour paper together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented by 1 May of the final year.

† A 2-hour paper taken at the end of the second term of the penultimate year of study, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

‡ To be examined by two essays of 2,000-3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds and by one essay of 4,000–5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

Linguistics and Spanish

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Spanish at A level.

PERIOD ABROAD

Candidates will normally be required to spend the third year of study in a Spanish-speaking country. Wherever possible arrangements will be made for students to take a post as English-speaking assistant in a Spanish educational institution. When such a post cannot be found, students will be required to follow an approved course of study of one academic year at a university in Spain or a Spanish-American country. Exceptionally, with the permission of the Heads of all Departments concerned, they may be allowed, in lieu of this requirement, to spend the third term of the second year in a Spanish-speaking country. The cost of residence abroad is not included in the normal fee for an arts scheme.

During the time spent abroad all candidates will carry out field-work in linguistics and phonetics, together with such work as is required by the Department of Spanish. Candidates will also be required, during their year abroad, to write an essay of some 8,000 words within the field of linguistics and phonetics or Spanish or combining both subjects. The closing date for the presentation of the essay will be 1 December of the final year.

FIRST-YEAR EXAMINATION

1. Linguistics:
   (a) Language and linguistics
   (b) General phonetics
   (c) Spanish phonetics (1½-hour paper)
   An oral examination in phonetics
2. As first-year examination 2 for Arabic and Spanish
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. Sociolinguistics and stylistics (normally taken at the end of the third term) (1½-hour paper; half-paper equivalent)
2. The history of Spain to *c.* 1700 (2-hour paper; half-paper equivalent)*
3. Spanish literature to *c.* 1700 (2-hour paper; half-paper equivalent).*

Special arrangements will be made for candidates who are permitted to spend the third term abroad.

In addition the Department of Spanish and Portuguese will require students to attend fortnightly seminars and to present two essays of some 2,000 words each on prescribed topics. The marks obtained for these essays will be incorporated in the second-year examination results. Failure to present a prescribed essay by the due date will result in a mark of zero being awarded for that particular essay.

Students will be required to undertake a field project (see above), the report on which shall be submitted to the Department of Linguistics and Phonetics at the beginning of the first term of the final year.

Candidates who are permitted to spend the third term of the second year abroad will be examined in sociolinguistics and stylistics in March; the details of the paper are as described above.

* To be taken in March of the second year.

FOURTH YEAR: PART II FINAL EXAMINATION

4-5. As final examination 7-8 for Arabic and Linguistics
6. Linguistic and phonetic description of Spanish
7. Phonetics of English (1½-hour paper)
8. Final-year option in linguistics (1½-hour paper)
9-10. As final examination 5-6 for Arabic and Spanish
11-12. Two papers selected from part two final examination 3-6 for Spanish Language and Literature
Oral examinations in phonetics and Spanish.

Candidates will be required to present by 1 December in their final year an essay in English of some 8,000 words within the field of linguistics or phonetics or Spanish, or a combination of these subjects.

In addition, candidates will be required to present prescribed essays on topics related to their chosen courses in Spanish and the marks obtained will be incorporated in the examination result. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

Management Studies and Philosophy

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of philosophy.

FIRST-YEAR EXAMINATION

1. Management Studies. Three papers as follows:
   (a) Organization studies C1 (2 hours)
   (b) Management economics C1 (2 hours)
   (c) Models for planning C1 (2 hours)
2. Philosophy:
   (a) Introduction to philosophy: candidates will submit two essays of approximately 1,500 words each on topics approved by the Head of the Department. The essays must be submitted by 4 pm on the fourth Monday of the summer term. In the event of a candidate's not satisfying the examiners and being granted the facility of a further examination either in September or subsequently, the further examination will be by a 3-hour paper.
   (b) Reason and argument (2-hour paper)
   (c) Prescribed essays and exercises for the courses. Introduction to philosophy and Reason and argument will also be taken into account.
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

Management Studies: Three papers as follows:
   (a) Organization studies C2 (2 hours)
   (b) Management economics C2 (2 hours)
   (c) Models for control C2 (2 hours)

Philosophy: Two papers as follows:
   (a) *Either* the History of modern philosophy *or* the History of ancient and medieval philosophy
   (b) *Either* Ethics *or* Political and social philosophy

PART II FINAL EXAMINATION

1. Business policy C3
2. *One* paper selected from:
   Advanced strategy C3
   Financial management C3
   Financial planning and control C3
   Languages, cultures and international management C3
   Management and work design C3
   Management research methods C3
   Marketing C3
   Organization behaviour C3
   Organization diagnosis, design and development C3
   Personnel Management C3
   Political economy of the firm C3
   Problem solving in organizations — consulting skills C3
   Production/Operations management C3
   Statistics in Business C3
   Strategic Gaming C3
   Theatre of management C3
3. *Either* Philosophical problems *or* Philosophical logic.

(Candidates who wish to take Philosophical logic must have attended a course in Formal logic during their second year.)

4. *Either* Ethics *or* Political and social philosophy (the paper not already taken in the Part I examination).
5. Another option in Management Studies from the list under 2 above; *or* a paper not already taken chosen with the approval of the Head of the Department of Philosophy from the list of papers for the Part I and Part II examinations for the degree of B.A. in Philosophy, including papers on the bridge and special subjects listed;* *or* a long essay of 8,000–10,000 words on a subject from the field of Management Studies or Philosophy or involving both fields, on a topic approved by the Heads of both Departments. The topic of this essay must be proposed and approved by the beginning of the final year, and the essay must be submitted no later than the first day of the third term of the final year.

Candidates may also be required to present themselves for oral examinations.

Management Studies and Portuguese

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including a foreign language at A level; GCSE level Mathematics.

PERIOD ABROAD

Candidates will be required to spend the third year of study in a Portuguese-speaking country in a way approved by both Departments. During this year they will follow a course of study at a university or institution of comparable standing, *or* be attached to an industrial, commercial or administrative organization, *or* take a post as English-speaking

* When the paper taken is a bridge or special subject in Philosophy, then with the permission of the Head of the Department of Philosophy, two esssays of not more than 5,000 words each on approved topics within the area covered by the chosen paper may be submitted not later than the first day of the third term of the final year, in place of a 3-hour examination paper. The decision as to whether a candidate is to sit a 3-hour paper or submit two essays must be made by 1 December in the final year.

leitor in an educational institution. Only in the last two cases will they normally receive a salary or stipend. The cost of residence abroad is not included in the normal fee for this scheme. During this year, candidates will also write a long essay of not more than 8,000 words within the field of Management Studies or of Portuguese or on a topic combining both subjects, this essay to be submitted by 1 December of the final year; and submit such other written work as may be required by the two Departments.

FIRST-YEAR EXAMINATION

1. Management Studies: three papers as follows:
   (a) Organization studies C1 (2 hours)
   (b) Management economics C1 (2 hours)
   (c) Módels for planning C1 (2 hours)
2. Portuguese:
   (a) Portuguese language
   (b) Modern literature

An oral examination

In addition, students will attend essay tutorials on literary appreciation, and the work done for these will be taken into account.

3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. Management Studies: three two-hour papers (examined in May/June)
   Organization Studies C2
   Managerial and Financial Economics C2
   Models for control C2
2. Portuguese:
   Nineteenth-century and twentieth-century Portuguese literature (examined in March)

These papers will constitute Part I of the final examination for the degree of B.A. in Management Studies and Portuguese.

PART II FINAL EXAMINATION

1. Business policy 3
2-3. Two papers selected from:*
   Advanced strategy C3
   Financial management C3
   Financial planning and control C3
   Languages, cultures and international management C3
   Management and work design C3
   Management Research Methods C3
   Marketing C3
   Organization behaviour C3
   Personnel Management C3
   Political Economy of the Firm C3
   Problem-solving in organizations — consulting skills C3
   Production/Operations management C3
   Project C3
   Statistics in Business C3
   Strategic Gaming C3
   Theatre of Management C3

* Not all these courses will necessarily be available in any one year and approved courses may be added from time to time.

4-5. Four of the following options (1½-hour papers on each)
Early Portuguese literature
Renaissance drama and poetry
Machado de Assis
Twentieth-century Brazilian literature
Modern poetry
Portuguese writers in the Far East
6. Translation from and into Portuguese
7. Essay in Portuguese
An oral examination in Portuguese.

Management Studies and Psychology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, preferably including a science subject or Mathematics at A level; GCSE level Mathematics.

FIRST-YEAR EXAMINATION

1. Management Studies: Three papers as follows:
   (a) Organization studies C1 (2 hours)
   (b) Management economics C1 (2 hours)
   (c) Models for planning C1 (2 hours)
2. Psychology C1: Two papers and an assessment of practical and course work:
   (a) Essay Paper: Social psychology, developmental psychology, learning, biological psychology, cognitive psycholgy, perception.
   (b) Short Answer Paper: Social psychology, developmental psychology, learning, biological psychology, cognitive psychology, perception.
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. Management Studies: Three papers as follows:
   (a) Organization studies C2 (2 hours)
   (b) Management economics C2 (2 hours)
   (c) Models for control C2 (2 hours)
2. Psychology C2: Two papers as follows:
   (a) Cognitive psychology; psycholinguistics; perception; experimental and statistical methodology
   (b) Developmental psychology; social psychology; individual differences; psychometrics

PART II FINAL EXAMINATION

Management Studies:
1. Business policy C3
2-3. Two papers selected from:
Advanced strategy C3
Financial management C3
Financial planning and control C3
Languages, cultures and international management C3
Management and work design C3
Management research methods C3
Marketing C3
Organization behaviour C3

Organization diagnosis, design and development C3
Personnel management C3
Problem solving in organizations – consulting skills C3
Production/operations management C3
Project C3
Statistics in business C3
Strategic gaming C3
Theatre of management C3
The political economy of the firm C3

Psychology:

4. Applied social psychology
5. A paper covering general issues in psychology and either cognitive psychology or developmental psychology
6. A research project in psychology

Coursework will be assessed as part of the final examination. In addition candidates may be required to present themselves for an oral examination.

Management Studies and Russian

Two four-year schemes. Scheme 1 includes a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics. In the case of Scheme 1, one of the A level passes should normally be in Russian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

PERIOD ABROAD

Scheme 2: Students will normally be required at an appropriate point in their scheme to spend a period of at least three months in the U.S.S.R., or a comparable period in an Eastern European country. The cost is not included in the normal fee for an arts scheme.

Scheme 1: Students will normally be required to spend the third year of study in the Soviet Union or in an Eastern European country, or in a Russian-speaking environment. In addition, they will be required to spend the summer term of the second year of study in Czechoslovakia or Bulgaria.

FIRST-YEAR EXAMINATION FOR SCHEME 2

As first-year examination for Scheme 2 in Economics and Russian.

SECOND-YEAR EXAMINATION FOR SCHEME 2, FIRST-YEAR EXAMINATION FOR SCHEME 1

1. Management Studies: As first-year examination 2 for French and Management Studies
2. Russian:
   (a) Translation into Russian and essay in Russian
   (b) Translation from Russian (one 2-hour paper)
   (c) Aural (one 1½-hour paper)
   (d) *Either* Russian literature with prescribed texts (one 2-hour paper, together with an assessment of students' essays written during the year)
   or Outline of Russian history to 1856 (candidates whose course work in Russian history is satisfactory will be excused the degree examination in this course)

An oral examination.

3. One other approved subject.

THIRD YEAR OF SCHEME 2, SECOND YEAR OF SCHEME 1: PART I FINAL EXAMINATION

1. Management Studies: three papers as follows:
   (a) Organization studies C2 (2 hours)
   (b) Management economics C2 (2 hours)
   (c) Models for control C2 (2 hours)

These papers will be taken at the end of the second term of the appropriate year.

PART II FINAL EXAMINATION

1. Business policy C3
2-3. As final examination 7-8 for German and Management Studies
4-5. As final examination 5-6 for Arabic and Russian
6. Bulgarian or Czech with prescribed texts
   or Soviet foreign policy
   or Geography of the U.S.S.R.*
7. The history of Russia from 1856†
8. Contemporary Soviet politics, planning and society (to be examined by three essays of about 3,000 words each on approved topics, to be submitted by 1 May of the final year).

An oral examination in Russian.

Management Studies and Spanish

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Spanish at A level; GCSE level Mathematics.

PERIOD ABROAD

Candidates will be required to spend the third year of study in a Spanish-speaking country approved by both Departments. During this year they will follow a course of study at a university or institution of comparable standing *or* be attached to an industrial, commercial or administrative organization, *or* take a post as English-speaking lector-lectora in a Spanish educational institution. Only in the last two cases will they normally receive a salary or stipend. The cost of residence abroad is not included in the normal fee for this scheme. During this year, students will also write a long essay concerned either with the course of study they are following or with the organization to which they are attached. They will also submit such other written work as may be required by the two departments.

FIRST-YEAR EXAMINATION

1. Management Studies: As first-year examination 2 for French and Management Studies
2. Spanish: As first-year examination 2 for Arabic and Spanish
3. One other approved subject.

* A 2-hour paper together with an essay of 4,000 words on an approved topic to be presented by 1 May of the final year.

† To be examined by two essays of 2,000-3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds and by one essay of 4,000–5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

SECOND YEAR: PART I FINAL EXAMINATION

1. The history of Spain to *c.* 1700 (2-hour paper; half-paper equivalent)*
2. Spanish literature to *c.* 1700 (2-hour paper; half paper equivalent)*
3. Organization Studies C2 (2 hours)
4. Management economics C2 (2 hours)
5. Models for control C2 (2 hours)

In addition the Department of Spanish and Portuguese will require students to attend fortnightly seminars and to present two essays of some 2,000 words each on prescribed topics. The marks obtained for these essays will be incorporated in the second-year examinations results. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that partiular essay.

PART II FINAL EXAMINATION

1. Business policy C3

2-3. As final examination 7-8 for German and Management Studies

4. Translation into Spanish
5. Translation from Spanish and essay in Spanish
6. Spanish in an economic and business context
7. One of the papers selected from the final-year examination papers 3-6 for Spanish.

An oral examination in Spanish.

In addition students will be required to present prescribed essays on topics related to their chosen courses in Spanish and the marks obtained will be incorporated in the examination results. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

Mathematics†

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Mathematics at A level either as a single subject or as one component of Mathematics as a double subject.

SCHEME OF STUDY

The prescribed courses in mathematics are Mathematics 1MM, 2MM and 3MM, taken in successive years.

Mathematics and Philosophy

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Mathematics at A level. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of philosophy.

FIRST-YEAR EXAMINATION

1. Mathematics: examinations on the courses studied during the year
2. Philosophy: As first-year examination 4 for Economics and Politics.

* To be taken in March of the second year.

† For information regarding the scheme of study leading to the degree of Bachelor of Science in Mathematics (one main subject), see Calendar, *Faculties of Science and Engineering.*

SECOND YEAR EXAMINATION

Mathematics: Examinations on the courses studied during the year (three 3-hour papers or their equivalent).
A candidate may not proceed to the third year unless he has passed these examinations and his performance on these papers will be taken into account in assessing the result of the final examination.
Philosophy: Candidates will be examined during the third term of the second year on the following:

(a) *Either* History of modern philosophy *or* History of ancient and medieval philosophy
(b) *Either* Ethics *or* Political and social philosophy.

FINAL EXAMINATION

1-4. Four 2-hour papers in Mathematics including a paper in mathematical logic
5. *Either* Philosophical problems *or* Philosophical logic
(Candidates who wish to take Philosophical logic must have attended a course in Formal logic during their second year.)
6. A philosophical subject linking the study of Philosophy with that of Mathematics.*
7. A paper not already taken, chosen from the list of papers for the Part I and Part II examinations for the degree of B.A. in Philosophy, including papers in the bridge and special subjects listed;* *or* a further paper in Mathematics *or* a long essay of 8,000–10,000 words on a topic in Philosophy approved by the Head of the Department of Philosophy, *or* a Dissertation on a topic in Mathematics approved by the Chairman of the School of Mathematics. Candidates must indicate their intention of writing a long essay or Dissertation not later than the beginning of the first term of the final year, and the work must be submitted not later than the first day of the third term of the final year.

In addition, candidates may be required to present themselves for oral examinations.
The courses in mathematics in each year are normally an approved selection from those offered to students in the corresponding year of the 3-year scheme of study leading to the degree of B.A. in Mathematics.

Mathematics and Russian

Schemes of study extending over a period of four years (Scheme 2) or four years including a year abroad (Scheme 1).

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Mathematics at A level. In the case of Scheme 1, one of the A level passes should normally be in Russian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

PERIOD ABROAD

SCHEME 2. Candidates will normally be required to spend a period of not less than three months in the USSR or a comparable period in an East European country at an appropriate point in the scheme. The cost of residence abroad is not included in the normal fee for an arts scheme.

* When the paper taken is a bridge or special subject in Philosophy, then with the permission of the Head of the Department of Philosophy, two essays of not more than 5,000 words each on approved topics within the area covered by the chosen paper may be submitted not later than the first day of the third term of the final year, in place of a 3-hour examination paper. The decision as to whether a candidate is to sit a 3-hour paper or submit two essays must be made by 1 December in the final year.

SCHEME 1. Candidates will normally be required to spend the third year of study in the USSR, or in an East European country, or in a Russian-speaking environment. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION FOR SCHEME 2

As first-year examination for Scheme 2 in Economics and Russian.

SECOND-YEAR EXAMINATION FOR SCHEME 2, FIRST-YEAR EXAMINATION FOR SCHEME 1

1. Mathematics: two or three papers
2. Russian:
   (a) Translation into Russian and essay in Russian
   (b) Translation from Russian (2-hour paper)
   (c) Aural (1½-hour paper)
   (d) Russian literature with prescribed texts (2-hour paper together with an assessment of students' essays written during the year) *or* Outline of Russian history to 1856 (candidates whose course work in Russian history is satisfactory will be excused the degree examination in this course)
   An oral examination in Russian
3. One other approved subject (two or three papers according to the subject taken).*

FINAL EXAMINATION

1-4. Four papers in mathematics. (Exceptionally, a candidate may, because of his approved choice of courses, be involved in only three papers under this heading)
5-6. As final examination 5-6 for Arabic and Russian
7-8. *Two* of the following:
   (a) History of Russia from 1856†
   (b) The Russian novel‡
   (c) One other paper from the options listed for final examination 6-10 in Russian Studies
9. An additional paper in mathematics, *or* an additional paper in Russian, *or* a dissertation of 8,000–10,000 words on a topic in Russian Studies, to be presented by 1 May in the final year. Candidates must commit themselves to writing a dissertation not later than the last day of the first term of the final year.

An oral examination in Russian.

Candidates will be required to attend approved courses in the School of Mathematics, submit written work as directed and pass such examinations as may be prescribed. There will normally be an examination in mathematics at the end of each year and a candidate may not proceed to more advanced courses unless he has passed the examinations on the preceding courses. A candidate's performance in the examination at the end of the penultimate year will be taken into account in assessing the result of the final examination.

* Computational Science or Statistics may also be taken.

† To be examined by two essays of 2,000-3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds and by one essay of 4,000–5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

‡ A 2-hour paper taken at the end of the second term of the penultimate year of study, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

Modern Chinese Studies

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. A language other than English at GCSE level.

PERIOD ABROAD

Candidates will be required to spend the second year of study in China or another Chinese-speaking territory where they will normally pursue an approved course of study in an academic institution.
During their time abroad students will submit such written work as may be required by the Department. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Translation from Chinese into English
2. Translation from English into Chinese
3. A survey of Chinese history from the earliest times to the present day
4. An introduction to Chinese culture.

An aural/oral examination in Chinese.

Candidates will also be required to pass the appropriate examinations in an approved subsidiary subject.

FINAL EXAMINATION

1. Translation from Chinese
2. Chinese prose composition
3. Prescribed texts (literature)
4. Prescribed texts (documents)
5. Chinese Studies (institutions and history)

6-8. Three papers chosen from the following options, subject to the approval of the Head of the Department of Chinese Studies:*

(a) Pre-modern Chinese fiction and drama
(b) Classical Chinese
(c) The history and development of Hong Kong, including a study of Cantonese
(d) Japanese language
(e) An introduction to Mongol
(f) The Cultural Revolution
(g) The structure of the modern Chinese state
(h) The economic development of East Asia
(i) A topic in modern Chinese literature
(j) Modern Japan
(k) Documentary Japanese

9. An extended essay of 8,000–10,000 words on an approved topic to be presented by 1 May of the final year.
10. An aural/oral examination in Chinese.

* Not all of these courses will be available every year.

Modern Languages and Literatures*

Four-year schemes of study in which any two of the following subjects are studied: French, German, Italian, Russian and Spanish. An auxiliary subject will also be studied in the first year.

COURSE REQUIREMENT

Passes in three approved subjects at A level are required. However, subject to the restrictions below, equal consideration will be given to candidates offering 2 A level passes and 2 AS level passes. Candidates for a Modern Languages degree including French, German or Spanish must have passed at A level in the appropriate language. For schemes of study including Italian or Russian, there are two schemes: Scheme 1 for candidates with a pass at A level or its equivalent in the language; Scheme 2 for candidates who do not have this qualification. Schemes 1 and 2 have significantly different requirements for residence abroad, and details of them will be found below with the appropriate scheme of study, all of which are listed alphabetically.

For schemes including Spanish, Latin at GCSE level is desirable.

FRENCH AND GERMAN

PERIOD ABROAD

Students will be required to spend the summer term of the second year attending courses at an approved university in one of the countries whose language is being studied, and the third year in a country where the other language is spoken. Whenever possible, arrangements will be made for the student to spend the year as an English-speaking assistant at an educational institution in the relevant country. Where such a post cannot be found, students will be required to follow an approved course of study of one academic year at a university in the country where they have not spent the previous summer term.

The cost of residence abroad is not included in the normal fee for an arts scheme.

While abroad, students will be required to write a *mémoire* in French on a topic approved by the Head of the Department of French, and to submit such other written work as may be required.

SCHEMES OF STUDY

French

First Year

1. Practical work in written and oral French: translation into French; translation into English
2. Introduction to the study of language and Romance philology; phonetics
3. Introduction to modern French literature
4. An introduction to modern France, 1945 to the present day.

Second Year

1. Practical work in written and oral French

Two of the following to be selected with the approval of the Head of the Department:

2. History, structure and use of the French language
3. French history and institutions 1789–1851
4. Problems of modern France
5. Seventeenth-century French literature
6. Eighteenth-century French literature.

* The title of this degree will include the names of the subjects read for the degree, e.g. Modern Languages and Literatures (French and German).

Final Year

1. Translation into French
2. Translation into English
3. Practical work in written and oral French
4. *One* topic from topics listed under final-year scheme of study 4–5 for French Language and Literature (see page 106 above), to be selected with the approval of the Head of the Department of French
5. As final-year scheme of study 6 for French Language and Literature (see page 106 above).

German

In the second and final years there will be alternative schemes of study, Scheme A and Scheme B, related to the schemes of study in German taken as a single subject. In Scheme A special attention will be paid to literature, in Scheme B to philology and medieval literature.

EXAMINATIONS

A qualifying examination must normally be passed by candidates at the end of the first year before they proceed to further study. Conspicuous merit shown in any part or parts of the examination by candidates who are placed in the first or second class will be indicated on the class list by some special mark.

FIRST-YEAR QUALIFYING EXAMINATION

French

1-3. As first-year qualifying examination 1-3 for French Language and Literature
4. Introduction to modern French literature (1½ hours)
5. Introduction to language: Romance philology (1½ hours)

An oral examination.

FINAL EXAMINATION

1. Translation into French
2. Translation into English and essay in French
*3-4. Two 1½-hour papers, one on each of the options chosen for study in the second year (see second-year scheme of study 2–6, page 184 above)
5. One paper on the option chosen for study in the final year (see list under final-year scheme of study 4-5 for French Language and Literature, page 106 above)
6. Special subject (see list under final-year scheme of study 6 for French Language and Literature, page 106 above)

An oral examination.

German

1. German composition and essay
2. Unprepared translation; the German-speaking lands since 1945
3. Literature and prescribed texts
4. Middle High German and phonetics

An oral examination.

* These papers will be taken in March of the second year and the marks obtained in them will be used in determining the class of degree awarded.

FINAL EXAMINATION

SCHEME A

Candidates will be required to submit, not later than the first day of the first term of their final year of study, an essay of 4,000–5,000 words on an approved subject taken from the field covered by their second-year seminar course. This essay will form the equivalent of a half paper in the final examination.
(Unless otherwise stated, all papers will be two-hour, half-paper equivalents.)

PART I FINAL EXAMINATION, taken at the end of the second term of the second year.

1-2. Two of the following:
The New High German language I*
Middle High German language and literature I*
Eighteenth-century literature and texts I*
Nineteenth-century literature and texts I*
Twentieth-century literature and texts I*

PART II FINAL EXAMINATION, taken at the end of the final year

1. German composition (3 hours)
2. Translation into English, and Essay in German (3 hours)
3-4. Two of the following:
The New High German language II†
Middle High German literature and texts II†
Eighteenth-century literature and texts II†
Nineteenth-century literature and texts II†
Twentieth-century literature and texts II†
5. Final year Seminar option
An oral examination.

SCHEME B

Candidates will be required to submit, not later than the first day of the first term of their final year of study, an essay of 4,000–5,000 words on an approved subject taken from the field covered by their second-year seminar course. This essay will form the equivalent of a half paper in the final examination.
(Unless otherwise stated, all papers will be two-hour, half-paper equivalents.)

PART I FINAL EXAMINATION, taken at the end of the second term of the second year

1. Middle High German literature I*
2. One of the following:
Old High German language and literature I*
The New High German language I*
3. One of the following:
Eighteenth-century literature and texts I*
Nineteenth-century literature and texts I*
Twentieth-century literature and texts I*

PART II FINAL EXAMINATION, taken at the end of the final year

1-2. As 1-2 in Scheme A
3. Middle High German literature and texts II†

* Candidates taking this examination will be required to follow the appropriate courses and take the Part II Final Examination in the same subject.
† Candidates will be permitted to take this examination only if they have taken the Part I Final Examination in the same subject.

4. One of the following:
   Old High German language and literature II*
   The New High German language II*
5. One of the following:
   Eighteenth-century literature and texts II*
   Nineteenth-century literature and texts II*
   Twentieth-century literature and texts II*

An oral examination.

FRENCH AND ITALIAN

PERIOD ABROAD

Students taking Scheme 1 will be required to spend the summer term of the second year attending courses at an approved institution in one of the countries whose language is being studied, and the third year in a country where the other language is spoken. In the case of a year in a French-speaking country, arrangements will be made, wherever possible, for the student to spend the year as an English language assistant at an educational institution in a French-speaking country. In the case of a year in Italy, it is recommended that students register for an approved course of study at an Italian university.

Students taking Scheme 2 will be required to spend not less than one university term in one of the countries whose language is being studied and a substantial part of the following long vacation in the other country. Students in this scheme may, with the approval of the Heads of Departments concerned, spend a year between the third and fourth years of the scheme following some approved activity in a country whose language they are studying. At the discretion of the departments concerned, the requirement for a long vacation course may be waived in these circumstances.

The cost of residence abroad is not included in the normal fee for an arts scheme.

While abroad, students will be required to write a *mémoire* in French on a topic approved by the Head of the Department of French, and to submit such other written work as may be required.

SCHEME OF STUDY

French: as for French and German, see page 184 above.

Italian

PRELIMINARY YEAR (SCHEME 2, FOR BEGINNERS)

1. Elementary and intermediate Italian language, written and oral
2. Prescribed modern texts
3. Phonetics of Italian.

FIRST YEAR (SECOND YEAR FOR SCHEME 2)

1. Italian language, written and oral
2. *Either*: Italian literature and society of the nineteenth century
   Or: Italian literature and society of the twentieth century
3. Phonetics of Italian (unless already taken in Preliminary Year).

* Candidates will be permitted to take this examination only if they have taken the Part I Final Examination in the same subject.

SECOND YEAR (THIRD YEAR FOR SCHEME 2)

1. Italian language, written and oral
2. *Either*: History of the Italian language, Part 1
   Or: Dante, Part 1
3. *Either*: Italian literature and society to 1400
   Or: Italian literature and society of the Renaissance

FINAL YEAR

1. Italian language, written and oral
2. *Either*: History of the Italian language, Part 2
   Or: Dante, Part 2
   (continuing the course begun in the Second/Third Year)
3. *One of the following:
   The minor works of Dante
   Lyric poetry of the Italian Renaissance
   The works of Niccolo Machiavelli
   The Counter-Reformation, 1500–1648
   Theory and practice of fiction in twentieth-century Italy
   The island of Sardinia since 1848.

(A course under 3 may be replaced by a dissertation, at the discretion of the Head of Department.)

EXAMINATIONS

A qualifying examination must normally be passed by candidates at the end of the first year before they proceed to further study. Conspicuous merit shown in any part or parts of the examination by candidates who are placed in the first or second class will be indicated on the class list by some special mark.

French: as for French and German, see page 185 above.

Italian

PRELIMINARY EXAMINATION (SCHEME 2, FOR BEGINNERS)

1. Italian language: translations and essay
2. Prescribed texts
3. Phonetics of Italian (half paper)

Oral and aural examinations in Italian.

QUALIFYING EXAMINATION: FIRST-YEAR EXAMINATION FOR SCHEME 1, SECOND-YEAR EXAMINATION FOR SCHEME 2

1. Italian language: translations
2. Italian language: essay (half paper)
3. Phonetics of Italian (half paper: if not already taken)
4. *Either*: Italian literature and society of the nineteenth century
   Or: Italian literature and society of the twentieth century

An oral examination in Italian.

FINAL EXAMINATION

1. Italian language: translations
2. Italian language: essay

* Not all these courses will necessarily be available in any one year and new courses may be added from time to time.

3. *Either*: History of the Italian language
   Or: Dante
4. *Either*: Italian literature and society to 1400
   Or: Italian literature and society of the Renaissance
5. One further paper, or a dissertation (for details of dissertation, see final examination in Italian Language and Literature, page 165 above)

An oral examination in Italian.

FRENCH AND RUSSIAN

PERIOD ABROAD

Students taking Scheme 1 in French and Russian will normally be required to spend *either* three months in the U.S.S.R., or in an Eastern European country (with one month to be spent at an approved vacation course in the U.S.S.R.), and one year in a French-speaking country *or* the third term of the second year in a French-speaking country and the third year of study in the U.S.S.R., or in an Eastern European country, or in a Russian-speaking environment.

Students taking Scheme 2 will be required to spend not less than one university term in one of the countries whose language is being studied and a substantial part of the following long vacation in the other country.

The cost of residence abroad is not included in the normal fee for an arts scheme.

While abroad, students will be required to write a *mémoire* in French on a topic approved by the Head of the Department of French, and to submit such other written work as may be required.

SCHEME OF STUDY

French: as for French and German, see page 184 above.

Russian

Students with little or no knowledge of Russian will follow Scheme 2, the first year of which will be devoted to an intensive study of the language. In the second year of Scheme 2, and in the first year of Scheme 1, students will attend courses on Russian language and literature. In the final two years of Scheme 2, and in the second and final years of Scheme 1, there will be alternative schemes of study, Scheme A and Scheme B. In Scheme A special attention will be paid to literature, in Scheme B to history and other aspects of Slavonic studies.

EXAMINATIONS

A qualifying examination must normally be passed by candidates at the end of the first year before they proceed to further study. Conspicuous merit shown in any part or parts of the examination by candidates who are placed in the first or second class will be indicated on the class list by some special mark.

French: as for French and German, see page 185 above.

Russian

The preliminary examination at the end of the first year of Scheme 2 is the same as for the first-year examination for Scheme 2 in Economics and Russian. The qualifying examination at the end of the second year of Scheme 2 (or the first year of Scheme 1) shall be the same as that for first-year examination 2 for Arabic and Russian.

FINAL EXAMINATION

1. Essay in Russian
2. Translation from and into Russian
3. *Either* History of Russia from 1856* *or* The Russian novel†
4. *Two* papers chosen from: History of Russia from 1856* *or* The Russian novel†; Bulgarian *or* Czech with Prescribed Texts; Pushkin; Russian drama‡; Russian poetry‡; Tolstoy and Dostoevsky; Russian literature of the Soviet period‡; from Chekhov to Zamyatin: the Russian short story, 1890–1922; Nineteenth-century Russian thought; Contemporary Soviet politics, planning and society§; Geography of the USSR¶; The Russian church; Imperial expansion: Siberia and Canada, 1580–1913; Soviet foreign policy. A candidate's choice will be subject to the approval of the Head of the Department.
An oral examination.

Candidates may, with the approval of the Head of the Department, submit an essay of 8,000 to 10,000 words instead of the examination in one of their options. Candidates must commit themselves to writing an essay not later than the last day of the first term of the final year, and the work must be submitted by the subsequent 1 May.

FRENCH AND SPANISH

PERIOD ABROAD

Students will be required to spend the summer term of the second year attending courses at an approved university in one of the countries whose language is being studied, and the third year in a country where the other language is spoken. Whenever possible, arrangements will be made for the student to spend the year as an English-speaking assistant at an educational institution in the relevant country. Where such a post cannot be found, students will be required to follow an approved course of study of one academic year at a university in the country where they have not spent the previous summer term.

The cost of residence abroad is not included in the normal fee for an arts scheme.

While abroad, students will be required to write a *mémoire* in French on a topic approved by the Head of the Department of French, and to submit such other written work as may be required.

During their year abroad students will be required to write an essay of about 5,000 words on a subject approved by the Head of the Department of Spanish and Portuguese. The essay will carry a weight equivalent to half a paper in the final examination and the closing date for its presentation will be 1 November of the final session.

SCHEME OF STUDY

French: as for French and German, see page 184 above.

* To be examined by two essays of 2,000–3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds and by one essay of 4,000–5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

† A 2-hour paper taken at the end of the second term of the penultimate year of study, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

‡ A 2-hour paper, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented by the end of the first week of the final year for courses taken in a candidate's penultimate year or by 1 May for courses taken in the final year.

§ To be examined by three essays of about 3,000 words each on approved topics, to be submitted by 1 May of the final year.

¶ A 2-hour paper together with an essay of 4,000 words on an approved topic to be presented by 1 May of the final year.

Spanish

First Year

1. Spanish language: practical classes, including conversation, grammar, translation, composition, précis, linguistic commentary, and other exercises.

And the following one-term courses:

2. Spanish phonetics
3. Modern Spanish literature
4. Modern Spanish-American literature
5. Latin-American geography
6. *Either* Modern Latin-American history *Or* Contemporary Spanish history, politics and institutions.

In addition students will attend selected essay tutorials and seminars during the year and the work done for these will be taken into account.

Second Year

1. Spanish language
2. The history of Spain to *c.* 1700
3. Spanish literature to *c.* 1700

In addition students will attend fortnightly seminars and will present two essays of some 2,000 words each on prescribed topics. The marks obtained for these essays will be incorporated in the second-year examination results. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

Final Year

1. Spanish language

2-3. Two full courses chosen from those available in any given year (see below under examinations).

In addition students will be required to present prescribed essays on topics related to their chosen courses and the marks obtained will be incorporated in the examination results. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

EXAMINATIONS

A qualifying examination must normally be passed by candidates at the end of the first year before they proceed to further study. Conspicuous merit shown in any part or parts of the examination by candidates who are placed in the first or second class will be indicated on the class list by some special mark.

French: as for French and German, see page 185 above.

Spanish

FIRST-YEAR QUALIFYING EXAMINATION

1. Spanish language
2. Modern Spanish and Spanish-American literature (2-hour paper)
3. Spanish phonetics (1½-hour paper)
4. Latin-American geography (1½-hour paper)
5. *Either*: Modern Latin-American history (1½-hour paper)
   Or: Contemporary Spanish history, politics and institutions (1½-hour paper)

An oral examination.

FINAL EXAMINATION
PART I (HELD IN MARCH OF SECOND YEAR)

1. The history of Spain to *c.* 1700 (2-hour paper; half-paper equivalent).
2. Spanish literature to *c.* 1700 (2-hour paper; half-paper equivalent).

PART II

1. Translation into Spanish
2. Translation from Spanish and essay in Spanish
3-4. *Two* of the following:
   (a) Spanish in an economic and business context
   (b) A selected period in Spanish history and civilization
   (c) Latin-American geography
   (d) Early Galician lyric poetry
   (e) Literature as journey in Golden Age Spain
   (f) The modern Spanish novel, 1870–1936
   (g) Modern Spanish poetry, 1900–1936
   (h) The Spanish-American contemporary novel
   (i) The Civil War in Spanish literature
   (j) Spain under Franco (1936–1975)
   (k) Portuguese language and texts (available only to those who, in the judgement of the Head of the Department of Spanish and Portuguese, have a sufficient knowledge of Portuguese)
   (Not all of these courses may be available in any given year)

In addition to the written examinations there will be an oral examination which will carry half the marks of one written paper.

GERMAN AND ITALIAN

PERIOD ABROAD

Students taking Scheme 1 will be required to spend the summer term of the second year attending courses at an approved institution in one of the countries whose language is being studied, and the third year in a country where the other language is spoken. In the case of a year in a German-speaking country, arrangements will be made, wherever possible, for the student to spend the year as an English language assistant at an educational institution in a German-speaking country. In the case of a year in Italy, it is recommended that students register for an approved course of study at an Italian university.

Students taking Scheme 2 will be required to spend not less than one university term in one of the countries whose language is being studied and a substantial part of the following long vacation in the other country. Students in this scheme may, with the approval of the Heads of Departments concerned, spend a year between the third and fourth years of the scheme following some approved activity in a country whose language they are studying. At the discretion of the departments concerned, the requirement for a long vacation course may be waived in these circumstances.

The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME OF STUDY

German: as for French and German, see page 185 above.

Italian: as for French and Italian, see page 187 above.

EXAMINATIONS

A qualifying examination must normally be passed by candidates at the end of the first year before they proceed to further study. Conspicuous merit shown in any part or parts of the examination by candidates who are placed in the first or second class will be indicated on the class list by some special mark.

German: as for French and German, see page 185 above.

Italian: as for French and Italian, see page 188 above.

GERMAN AND RUSSIAN

PERIOD ABROAD

Students taking Scheme 1 in German and Russian will normally be required to spend *either* a year in the Soviet Union, or in Eastern Europe or in a Russian-speaking environment and a term in a German-speaking country *or* three months in the Soviet Union or in an Eastern European country (with one month to be spent at an approved vacation course in the Soviet Union) and one year in a German-speaking country. During this year they will normally obtain employment as English-speaking assistants in an educational establishment or in some post approved by the Head of the Department of German. If no suitable employment can be found, they will be required to study for one academic year (or two semesters) at a German-speaking university.

Students taking Scheme 2 in German and Russian will normally be required to spend not less than one month at an approved vacation course in the Soviet Union. They will also be required to spend the summer term of the third year studying at a university in a German-speaking country. Students in this scheme may, with approval of the Heads of the Departments concerned, spend a year in a German-speaking country between the third and fourth years of the scheme. In that case, they will normally be required to spend not less than one month at an approved vacation course in the Soviet Union and the summer term of their third year of study at a university in an Eastern European country.

The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME OF STUDY

German: as for French and German, see page 185 above.

Russian: as for French and Russian, see page 189 above.

EXAMINATIONS

A qualifying examination must normally be passed by candidates at the end of the first year before they proceed to further study. Conspicuous merit shown in any part or parts of the examination by candidates who are placed in the first or second class will be indicated on the class list by some special mark.

German: as for French and German, see page 185 above.

Russian: as for French and Russian, see page 189 above.

GERMAN AND SPANISH

PERIOD ABROAD

Students will be required to spend the summer term of the second year attending courses at an approved university in one of the countries whose language is being studied, and the

third year in a country where the other language is spoken. Whenever possible, arrangements will be made for the student to spend the year as an English-speaking assistant at an educational institution in the relevant country. Where such a post cannot be found, students will be required to follow an approved course of study of one academic year at a university in the country where they have not spent the previous summer term.

The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME OF STUDY

German: as for French and German, see page 185 above.

Spanish: as for French and Spanish, see page 191 above.

EXAMINATIONS

German: as for French and German, see page 185 above.

Spanish: as for French and Spanish, see page 191 above.

ITALIAN AND RUSSIAN

PERIOD ABROAD

Students taking Scheme 1 in Italian and Russian will normally be required to spend *either* the third term of the second year following an approved course of study in Italy and the third academic year in the Soviet Union, or in Eastern Europe or in a Russian-speaking environment, *or* three months in the Soviet Union, or in an Eastern European country (with one month at an approved vacation course in the Soviet Union) and the third academic year attending an approved course of study at an Italian University.

Students taking Scheme 2 in Italian and Russian will normally be required to spend *either* the third term of the third year following an approved course of study in Italy and one month at an approved vacation course in the Soviet Union *or* three months in the Soviet Union or in an Eastern European country (with one month on an approved vacation course in the Soviet Union), and one month on an approved vacation course in Italy. Students in this scheme may, with the approval of the Heads of the Departments concerned, spend a year between the third and fourth years of the scheme following some approved activity in a country whose language they are studying. At the discretion of the departments concerned, the requirement for a long vacation course may be waived in these circumstances.

The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME OF STUDY

Italian: as for French and Italian, see page 187 above.

Russian: as for French and Russian, see page 189 above.

EXAMINATIONS

A qualifying examination must normally be passed by candidates at the end of the first year before they proceed to further study. Conspicuous merit shown in any part or parts of the examination by candidates who are placed in the first or second class will be indicated on the class list by some special mark.

Italian: as for French and Italian, see page 188 above.

Russian: as for French and Russian, see page 189 above.

ITALIAN AND SPANISH

PERIOD ABROAD

Students taking Scheme 1 in Italian and Spanish will be required to spend the third term of the second year attending courses at an approved university in one of the countries whose language is being studied, and the third year in the country where the other language is spoken. In the case of a year in a Spanish-speaking country, arrangements will be made, wherever possible, for the student to spend the year as an English language assistant at an educational institution in a Spanish-speaking country. In the case of a year in Italy, it is recommended that students register for an approved course of study at an Italian university.

Students taking Scheme 2 in Italian and Spanish will be required to spend not less than one university term in one of the countries whose language is being studied and a substantial part of the following long vacation in the other country. Students in this scheme may, with the approval of the Heads of the Departments concerned, spend a year between the third and fourth years of the scheme following some approved activity in a country whose language they are studying. At the discretion of the departments concerned, the requirement for a long vacation course may be waived in these circumstances.

The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME OF STUDY

Italian: as for French and Italian, see page 187 above.

Spanish: as for French and Spanish, see page 191 above.

EXAMINATIONS

A qualifying examination must normally be passed by candidates at the end of the first year before they proceed to further study. Conspicuous merit shown in any part or parts of the examination by candidates who are placed in the first or second class will be indicated on the class list by some special mark.

Italian: as for French and Italian, see page 188 above.

Spanish: as for French and Spanish, see page 191 above.

RUSSIAN AND SPANISH

PERIOD ABROAD

Students taking Scheme 1 in Russian and Spanish will normally be required to spend *either* a year in the Soviet Union, or Eastern Europe or a Russian-speaking environment and a period of three months in Spain following an approved course of study *or* one year in Spain and three months in the Soviet Union or an Eastern European country (with one month to be spent at an approved vacation course in the Soviet Union). Whenever possible, arrangements will be made for these students to spend the year in Spain as English-speaking assistants at an educational institution. Where such a post cannot be found, students will be required to follow an approved course of study of one academic year at a Spanish university.

Students taking Scheme 2 in Russian and Spanish will normally be required to spend *either* a period of at least three months in the Soviet Union or an Eastern European country (at least one month of which will be spent at an approved vacation course in the U.S.S.R.) and a one-month approved vacation course in Spain *or* a period of three months in Spain following an approved course of study and one month attending an approved vacation

course in the Soviet Union. Students in this scheme may, with the approval of the Heads of the Departments concerned, spend a year in Spain between the third and fourth years of the scheme as English-speaking assistants at an educational institution. In that case, they will normally be required to spend a period of at least three months in the Soviet Union or Eastern European country (at least one month of which will be spent at an approved vacation course in the U.S.S.R.).

The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME OF STUDY

Russian: as for French and Russian, see page 189 above.

Spanish: as for French and Spanish, see page 191 above.

EXAMINATIONS

A qualifying examination must normally be passed by candidates at the end of the first year before they proceed to further study. Conspicuous merit shown in any part or parts of the examination by candidates who are placed in the first or second class will be indicated on the class list by some special mark.

Russian: as for French and Russian, see page 189 above.

Spanish: as for French and Spanish, see page 191 above.

Music

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Music at A level. If Music at A level is not offered, an additional qualification (e.g. Grade VIII Associated Board or presented evidence of experience and proficiency) may be accepted. Evidence of instrumental or vocal skill will be required.

SCHEME OF STUDY

The Head of the Department of Music will require students to take appropriate instrumental or vocal tuition as part of the scheme. Students will be required to participate in performing projects within the Department.

First Year
1. Counterpoint and harmony 1
2. Elementary composition
3. Music analysis 1
4. Traditions of Western music
5. Practical musicianship and aural training
6. One other approved subject.

Second Year
1. Counterpoint and harmony 2
2. Music analysis 2
3. Musical ideas in the twentieth century
4. Practical musicianship and aural training
5. Prescribed works
6. Special studies: *Two* of Composition, Notation, Criticism, Performance.

Third Year
1. Tonal forms
2. Prescribed works
3. Special study: *One* of Composition, Musicology, History and Criticism, Performance.

FIRST-YEAR EXAMINATION

A qualifying examination in the subjects listed below is held at the end of the first year and must normally be passed before candidates proceed to further study.
1. Counterpoint and harmony (one paper and assessed work undertaken during the first two terms)
2. Elementary composition (a set composition to be written over three days)
3. Music analysis 1
4. Traditions of Western music
5. Aural and practical tests
6. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. Counterpoint and harmony (one paper to be written over three days)
2. Music analysis 2 (the prescribed music will be issued to candiates three days before the examination)
3. Musical ideas in the twentieth century (one paper)
4. Aural and practical tests.

The standard attained in the Part I examination will be taken into account in assessing the final degree results. Departmental examinations may also be given.

PART II FINAL EXAMINATION

1. Tonal forms (two papers: one each to be taken over the Christmas and Easter vacations)
2. Prescribed works
3. Special study: Candidates will be required to present themselves for examination in one of the following:

   Composition a portfolio of compositions to be submitted by the Friday of the third week of the third term; a portfolio of work in instrumentation to be submitted by the fifth Monday of the third term.

   Musicology one paper and an editorial project to be submitted by the third Friday of the third term.

   History and Criticism one paper and a project in criticism or preparation of an annotated bibliography or other source study to be submitted by the third Friday of the third term.

   Performance a recital and a project in performance to be submitted by the second Tuesday of the third term.
4. An essay in music analysis to be written over three days.
5. An essay of about 8,000 words on a subject in the history or criticism of music, the subject to be approved by the Head of the Department of Music by the end of the first term; the essay to be submitted by the last day of the second term.

Candidates may be required by the examiners to present themselves for an viva-voce examination.

Music and History of Art

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, preferably including Music at A level.

FIELD TRIP

As for English and the History of Art.

FIRST-YEAR EXAMINATION

1. History of Art: As first-year examination 2 for English and the History of Art
2. Music: As first-year examination 2 for English and Music
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

As Part I final examination 1–2 for German and Music.

PART II FINAL EXAMINATION

1-2. As final examination 3 and 5 for English and History of Art
3-4. As final examination 3-4 for English and Music.

In addition, candidates are required to present in their final year of study an essay on music or the history of art or combining both subjects. The title must be submitted to the Heads of the two Departments for approval by the end of the first term of the final year. Essays must be of about 8,000 words and be submitted not later than 1 May of the final year.

Candidates may be required to present themselves for an oral examination in either music or the history of art or both subjects.

Music and Philosophy

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, preferably including Music at A level. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of Philosophy.

FIRST-YEAR EXAMINATION

1. Music: aural and practical tests and two papers (or paper equivalents);
(a) *Either* Counterpoint and harmony 1 (one 3-hour paper and assessed work undertaken during the first two terms)
or Elementary composition (a set composition to be written over three days)
(b) *either* Music analysis 1
or Traditions of Western music
2. Philosophy:
(a) Introduction to Philosophy: candidates will submit two essays of approximately 1,500 words each on topics approved by the Head of the Department. The essays must be submitted by 4pm on the fourth Monday of the third term. In the event of a candidate's not satisfying the examiners and being granted the facility of a further examination either in September or subsequently, the further examination will be by a three-hour paper.
(b) Reason and Argument (one 2-hour paper)
(c) Prescribed essays and exercises for the courses Introduction to philosophy and Reason and argument will also be taken into account.
3. One other approved subject.

FINAL EXAMINATION

PART I
Music:
Counterpoint and harmony 2 (one paper to be written over three days) *or* Music analysis 2.
Aural and practical tests.

The standard attained in this Part I examination will be taken into account in assessing the final degree results.
There will be departmental examinations in Musical ideas in the twentieth century *or* prescribed works and in the special study.

Philosophy:
1. History of modern philosophy *or* History of ancient and medieval philosophy.
2. Ethics *or* Political and social philosophy

PART II
1. Tonal forms (two papers, one each to be taken over the Christmas and Easter vacations) *or* Prescribed works (one paper)
2. Special study. Candidates will be required to present themselves for examination in *one* of the following:
Composition: a portfolio of compositions to be submitted by the Friday of the third week of the third term; a portfolio of work in instrumentation to be submitted by the fifth Monday of the third term.
Musicology: one paper and an editorial project to be submitted by the third Friday of the third term.
History and Criticism: one paper and a project in criticism or preparation of an annotated bibliography or other source study to be submitted by the third Friday of the third term.
Performance: a recital and a project in performance to be submitted by the second Tuesday of the third term.
3. Philosophical logic *or* Philosophical Problems. (Candidates who wish to take Philosophical logic should have attended a course in Formal logic during their second year.)
4. A paper, not already taken, chosen from the list of papers for the Part I and Part II examinations for the degree of B.A. in Philosophy, including papers on the bridge and special subjects listed. If the paper chosen is on a bridge or special subject in Philosophy then, with the permission of the Head of the Department of Philosophy, two essays of not more than 5,000 words each on approved topics within the area covered by the chosen paper may be submitted not later than the first day of the third term of the final year, in place of a 3-hour examination paper. The decision as to whether a candidate is to sit a 3-hour paper or submit two essays must be made by 1 December in the final year.
5. (a) an essay of about 8,000 words on Music on a topic submitted for approval by the Head of the Department of Music by the end of the first term of the final year; the essay to be submitted by the last day of the second term of the final year.

Or (b) an essay of 8,000–10,000 words on a topic in Philosophy, to be proposed and approved by the Head of the Department of Philosophy by the beginning of the final year; the essay to be submitted not later than the first day of the third term of the final year.

Or (c) an essay of about 8,000 words on a topic linking Music and Philosophy. The title should be submitted to the Heads of the two Departments for approval by the end of the first term of the final year; the essay to be submitted by the last day of the second term of the final year.
Candidates may be required to present themselves for a viva voce examination in Music and/or Philosophy.

Music and Religious Studies

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, preferably including Music at A level.

FIRST-YEAR EXAMINATION

1. Music: As first-year examination 2 for English and Music
2. Religious studies: As first-year examination 2 for Arabic and Religious Studies
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

As the Part I final examination 1–2 for German and Music.

PART II FINAL EXAMINATION

1-2. As Part II final examination 3–4 for English and Music
3-6. As both parts of the final examination for Arabic and Religious Studies

In addition, candidates will be required to submit an essay of about 8,000 words on music or religious studies or linking the two fields of study. The title should be submitted to the Heads of the two Departments for approval by the end of the first term; the essay to be submitted by the last day of the second term.

Candidates may be required to present themselves for an oral examination in music.

Music and Theology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, preferably including Music at A level.

FIRST-YEAR EXAMINATION

1. Music: As first-year examination 2 for English and Music
2. Theology: As first-year examination 2 for Arabic and Theology
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

As Part I final examination 1–2 for German and Music.

PART II FINAL EXAMINATION

1-2. As Part II final examination 3–4 for English and Music
3-6. As both parts of the final examination for Arabic and Theology

Candidates may be required to present themselves for an oral examination in music.

In addition, candidates will be required to submit an essay of about 8,000 words on music or theology or linking the two fields. The title should be submitted to the Heads of the two Departments for approval by the end of the first term; the essay to be submitted by the last day of the second term.

Philosophy

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels or one A level with four AS levels or six AS levels. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of Philosophy.

SCHEME OF STUDY

FIRST-YEAR EXAMINATION

1. Philosophy:
   (a) Introduction to Philosophy: candidates will submit two essays of approximately 1,500 words each on topics approved by the Head of the Department. The essays must be submitted by 4 pm on the fourth Monday of the summer term. In the event of a candidate's not satisfying the examiners and being granted the facility of a further examination either in September or subsequently, the further examination will be by a three-hour paper.
   (b) Reason and Argument (one two-hour paper)
   (c) Prescribed essays and exercises for the courses Introduction to Philosophy and Reason and Argument will also be taken into account.
2. History and Philosophy of Science, or another approved subject.
3. A further approved subject.

TRANSFERS

Candidates who have during their first year pursued any scheme of study in which philosophy is one of the subjects, may be considered for transfer into philosophy taken as a single subject at the end of the first year.

FINAL EXAMINATION

PART I

1. History of ancient and medieval philosophy
2. History of modern philosophy
3. Ethics
4. Political and social philosophy

PART II

5. Philosophical problems
6. Philosophical logic (Candidates taking this paper must have attended a course on Formal logic during their second year)
7. A paper on a course chosen from the list of Bridge Subjects and Special Subjects printed below, taking the form *either* of a three-hour examination paper *or*, with the permission of the Head of the Department of Philosophy, of two essays of not more than 5,000 words each, on topics relating to the course and approved by the Head of the Department. The decision as to whether a candidate is to sit a three-hour paper or submit two essays must be made by 1 December in the final year. If a candidate is permitted to submit two essays in place of an examination paper, these essays must be handed in by the first day of the third term of the final year.
8. Long essay of 8,000–10,000 words on a topic to be approved by the Head of the Department of Philosophy by the beginning of the final year. Candidates are required to submit this essay by the first day of the third term of the final year.
9. *Either* a further paper chosen from the list of Bridge Subjects and Special Subjects printed below, to be examined by a 3-hour paper or two essays as under paper 7 above; *or* a paper examining a course taken by the candidate in his final year in another Department of the University, chosen with the approval of the Head of the Department of Philosophy and the Head of the other Department concerned.

In addition, candidates may be required to present themselves for a viva voce examination.

LIST OF BRIDGE SUBJECTS AND SPECIAL SUBJECTS

Bridge Subjects:
(a) Aesthetics

(b) Theory of criticism
(c) The history of ideas in its relation to English literature
(d) Philosophy of mind
(e) A course relating Philosophy to Theology
(f) Philosophy of science
(g) Philosophy of history
(h) Marx and Marxism
(i) Modern continental philosophy

Special Subjects:
(j) Kant, *or* another classical philosopher
(k) Frege, *or* Wittgenstein's Tractatus
(l) Truth and understanding
(m) Time and change
(n) Metaphor
(o) Jurisprudence

This list may be altered or added to from time to time. Not all of the topics on the above list will necessarily be available in any one year. The Department of Philosophy would consider sympathetically any request to provide a particular Special Subject if supported by a number of students.

Philosophy and History of Art

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of Philosophy.

FIELD TRIP

In the long vacation at the end of the second year candidates must, under the direction of the Head of the Department of Fine Art, spend between two and three weeks at approved centres studying original works of art. Candidates must submit satisfactory evidence of the thoroughness of this study. The detailed study of certain special periods in the Fine Arts may include compulsory field classes during term-time. The cost of such study or classes is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Philosophy: As first-year examination 4 for Economics and Politics
2. History of Art: As first-year examination 2 for English and the History of Art
3. One other approved subject

SECOND YEAR: PART I FINAL EXAMINATION

Philosophy: Candidates will be examined during the third term of the second year on the following:
1. The History of *either* ancient and medieval *or* modern philosophy
2. *Either* Ethics *or* Political and social philosophy.

THIRD YEAR: PART II FINAL EXAMINATION

3. *Either* Philosophical problems *or* Philosophical logic
(Candidates who wish to take Philosophical logic must have attended a course in Formal logic during their second year.)
4. *Either* The history of ideas in its relation to English literature, *or* another paper, not already taken, chosen from the list of papers for the Part I and Part II examinations for the

degree of B.A. in Philosophy, including papers in the bridge and special subjects listed.*
5. Aesthetics*
6-8. As Final Examination 3-5 for English and the History of Art.
9. Candidates will be required to submit an essay of 8,000–10,000 words on a topic in Philosophy or the History of Art or relating to both. The title of the essay should be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme. The essay must be submitted not later than the first day of the third term of the final year (if on a topic in Philosophy or combining Philosophy and the History of Art) or not later than 1 May (if on a topic in the History of Art).

In addition, candidates may be required to present themselves for an oral examination.

Philosophy and History of Scientific Thought

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of Philosophy.

FIRST-YEAR EXAMINATION

1. Philosophy: As first-year examination 4 for Economics and Politics
2. The history and philosophy of science:
   (a) Development of European science (3-hour paper and course work)
   (b) Introduction to the Philosophy of Science (2-hour paper and course work)
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

Philosophy
1. The History of *either* ancient and medieval *or* modern philosophy
2. *Either* Ethics *or* Political and social philosophy

History and Philosophy of Science
3. Topics in the history of scientific thought: one 3-hour paper on two topics prescribed by the Chairman of the Division of the History and Philosophy of Science from the following areas:*
   Science and theology
   Science and society
   History of the biological sciences
   History of the physical sciences
4. Philosophy of science I and Methods and problems in historiography I.

THIRD YEAR: PART II FINAL EXAMINATION

5. *Either* Philosophical problems *or* Philosophical logic
(Candidates who wish to take Philosophical logic must have attended a course in Formal logic during their second year.)
6. Philosophy of science II
With the approval of the Head of the Department this subject may be examined by two essays (each of approximately 4,000 words) to be submitted by the first Monday of the third term of the final year.

* When the paper taken is a bridge or special subject in Philosophy, then with the permission of the Head of the Department of Philosophy, two essays of not more than 5,000 words each on approved topics within the area covered by the chosen paper may be submitted not later than the first day of the third term of the final year, in place of a 3-hour examination paper. The decision as to whether a candidate is to sit a 3-hour paper or submit two essays must be made by 1 December in the final year.

7. Methods and problems in historiography II
8. Topics in the history of scientific thought: one 3-hour paper on two prescribed topics within the areas not taken in the Second Year: Part I Examination.*
9. A special subject in the History of Scientific Thought *or* a paper, not already taken, chosen from the list of papers for the Part I and Part II examinations for the degree of B.A. in Philosophy, including papers in the bridge and special subjects listed†; *or* a long essay of 8,000–10,000 words on a topic in Philosophy or the History of Scientific Thought approved by the Head of the Department of Philosophy or the Chairman of the Division of the History and Philosophy of Science. Candidates who wish to write a long essay must commit themselves to doing so not later than the end of the second year, and the work must be submitted not later than the first day of the third term of the final year.

Candidates may also be required to present themselves for oral examinations.

Philosophy and Politics

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of Philosophy.

First Year
Candidates will take *three* subjects as follows:
1. Philosophy
2. Politics
3. *One* of economics, geography, history, psychology, social policy and administration, sociology, an approved modern language or exceptionally another subject.

FIRST-YEAR EXAMINATION

A qualifying examination in each of the three subjects taken, which must normally be passed by candidates before they proceed to further study, will be held at the end of the first year. The papers in each subject will be:
1. Philosophy: As first-year examination 4 for Economics and Politics
2. Politics: As first-year examination 2 for Economics and Politics
3. Economics: As first-year examination 1 for Economic History and Geography
4. Geography: As first-year examination 2 for Economic History and Geography
5. History: As first-year examination 2 for Economics and History
6. *Either* Psychology: two papers
   or Psychology CI: two papers and assessment of course work
7. Social policy and administration: As first-year examination 6 for Economics and Politics
8. Sociology: As first-year examination 2 for Economics and Sociology
9. The required papers in an approved modern language or other approved subject.

Second and Third Years
Candidates will take:
1. The history of *either* ancient and medieval *or* Modern philosophy
2. Philosophical problems *or* philosophical logic

* Courses in these areas will be taught in rotation over a 2-year cycle.

† When the paper taken is a bridge or special subject in Philosophy, then with the permission of the Head of the Department of Philosophy, two essays of not more than 5,000 words each on approved topics within the area covered by the chosen paper may be submitted not later than the first day of the third term of the final year, in place of a 3-hour examination paper. The decision as to whether a candidate is to sit a 3-hour paper or submit two essays must be made by 1 December in the final year.

(Candidates who wish to take Philosophical logic must have attended a course in Formal logic during their second year.)
3. Political and social philosophy
4. Ethics *or* Jurisprudence
5. Modern foreign government and administration
6. *One* of:
   (a) Policy-making in Britain
   (b) The social context of British politics
7. *One* of:
   (a) Modern political doctrines
   (b) Theories of the state, economy and society
8. Another course in politics chosen with the approval of the Head of the Department of Politics
9. A special subject in *either* philosophy *or* politics to be chosen with the approval of the Head of the Department concerned.

FINAL EXAMINATION

The final examination will consist of nine papers taken at the end of the third academic year. With the approval of the Head of the Department of Politics candidates may substitute an essay of 5,000–8,000 words, or three essays of 2,000–3,000 words each, for *one* of the papers under 5-7 above. Candidates who so elect must apply in writing for permission to be examined by essay(s) not later than the first day of the third term of the second year. Each topic must be approved by the Head of the Department of Politics, and the essay(s) must be submitted not later than the first day of the first term of the final year.

Candidates may also, with the approval of the Head of the Department concerned, substitute an essay or essays for the paper in the special subject and/or for not more than one other politics paper. For further details of optional courses in politics see the Courses section. Not all the courses listed will necessarily be offered in any one year and new courses may be added from time to time. For politics, the length of the essay(s) and other conditions governing this method of examination will be the same as are prescribed in the regulations for the B.A. in Political Studies.

Under paper 9 above, the special subject in philosophy may be chosen from any of the papers listed for the Part I and Part II final examinations for Single Honours Philosophy (pages 201–2) including the bridge and special subjects there listed. If a bridge or special subject in philosophy is chosen, then, with the permission of the Head of the Department of Philosophy, two essays of not more than 5,000 words each on approved topics within the area of the paper may be submitted in place of a 3-hour examination paper. The decision to submit two essays in place of a 3-hour paper must be made by 1 December of the final year and the essays submitted by the first day of the third term of the final year. If a candidate wishes to write a long essay in philosophy instead of a special subject, the topic of this essay must be proposed and approved by the beginning of the final year and the essay must be submitted not later than the first day of the third term of the final year.

Philosophy and Psychology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of Philosophy.

FIRST-YEAR EXAMINATION

1. Philosophy: As first-year examination 4 for Economics and Politics
2. Psychology C1: two papers and assessment of practical and course work:
   (a) Essay Paper: Social psychology, developmental psychology, learning, biological psychology, cognitive psychology, perception.
   (b) Short Answer Paper: Social psychology, developmental psychology, learning, biological psychology, cognitive psychology, perception.
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

Philosophy: Candidates will be examined during the third term of the second year on the following:

1. The history of *either* ancient and medieval *or* modern philosophy
2. *Either* Ethics *or* Political and social philosophy

PART II FINAL EXAMINATION

3. *Either* Philosophical problems *or* Philosophical logic

(Candidates who wish to take Philosophical logic must have attended a course in Formal logic during their second year.)

4. Philosophy of mind*

5-8. Psychology: Examinations based on second and third year courses covering the fields of social psychology; developmental psychology; psychometrics; individual differences; cognitive psychology; perception; psycholinguistics; experimental and statistical methodology; history and philosophy of psychology. Practical and course work will be assessed as part of the final examination.

9. A paper not already taken, chosen with the approval of the Head of the Department of Philosophy from the list of papers for the Part I and Part II examinations for the degree of B.A. in Philosophy, including papers in the bridge and special subjects listed*; *or* one of the optional papers offered in Psychology; *or* an individual research project in Psychology; *or* a long essay of 8,000–10,000 words on a topic in Philosophy or Psychology or a topic relating these subjects, to be chosen with the approval of the Heads of the Departments of Philosophy and Psychology. Candidates wishing to write a long essay must commit themselves to this, and submit the title to the Heads of the Departments for approval, not later than the end of the second year, and submit the work not later than the first day of the third term of the final year.

In addition, candidates may be required to present themselves for an oral examination.

Practical work in Psychology is an integral part of the course and practical notebooks and course essays will be assessed as part of the final examination.

Philosophy and Religious Studies

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of Philosophy.

* When the paper taken is a bridge or special subject in Philosophy, then with the permission of the Head of the Department of Philosophy, two essays of not more than 5,000 words each on approved topics within the area covered by the chosen paper may be submitted not later than the first day of the third term of the final year, in place of a 3-hour examination paper. The decision as to whether a candidate is to sit a 3-hour paper or submit two essays must be made by 1 December in the final year.

FIRST-YEAR EXAMINATION

1. Philosophy: As first-year examination 4 for Economics and Politics
2. Religious Studies: As first-year examination 2 for Arabic and Religious Studies
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

Philosophy: Candidates will be examined during the third term of the second year on the following:
1. The history of *either* Ancient and medieval *or* Modern philosophy
2. *Either* Ethics *or* Political and social philosophy.

Religious studies: candidates will be examined during the third term of the second year on the following:
3. Philosophy of Religion I

THIRD YEAR: PART II FINAL EXAMINATION

4. *Either* Philosophical problems *or* Philosophical logic

(Candidates who wish to take Philosophical logic must have attended a course in Formal logic during their second year.)
5. Philosophy of Religion II
6. One of (a) Islam
   (b) Hinduism and Buddhism
   (c) Hinduism and Sikhism

7-8. Two other papers, not otherwise taken, chosen from the list of papers taught by the Department of Theology and Religious Studies.
9. A paper not already taken, chosen with the approval of the Head of the Department of Philosophy from the list of papers for the Part I and Part II examinations for the degree of B.A. in Philosophy, including papers in the special and bridge subjects listed*; *or* a paper from the list of optional papers given for the scheme of study for the B.A. in Theology and Religious Studies; *or* a long essay of 8,000–10,000 words on a topic in Philosophy or Religious Studies or common to both, to be chosen with the approval of the Departments concerned. Candidates who wish to write a long essay must commit themselves to this not later than the end of the second year, and the work must be submitted not later than the first day of the third term of the final year.

Candidates may also be required to present themselves for oral examinations.

Philosophy and Russian

Schemes of study extending over a period of four years (Scheme 2) or four years including a year abroad (Scheme 1).

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. In the case of Scheme 1, one of the A level passes should normally be in Russian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of Philosophy.

* When the paper taken is a bridge or special subject in Philosophy, then with the permission of the Head of the Department of Philosophy, two essays of not more than 5,000 words each on approved topics within the area covered by the chosen paper may be submitted not later than the first day of the third term of the final year, in place of a 3-hour examination paper. The decision as to whether a candidate is to sit a 3-hour paper or submit two essays must be made by 1 December in the final year.

PERIOD ABROAD

SCHEME 2: Candidates will normally be required to spend a period of not less than three months in the U.S.S.R. or a comparable period in an East European country at an appropriate point in the scheme. The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME 1: Candidates will normally be required to spend the third year of study in the U.S.S.R., or in an East European country, or in a Russian-speaking environment. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION FOR SCHEME 2

1. Translation into Russian
2. Translation from Russian
3. Russian literature and prescribed texts
4. Soviet history and society (2-hour paper)

An oral examination.

SECOND-YEAR EXAMINATION FOR SCHEME 2, FIRST-YEAR EXAMINATION FOR SCHEME 1

1. Russian:
   (a) Translation into Russian and essay in Russian
   (b) Translation from Russian (2-hour paper)
   (c) Aural (1½-hour paper)
   (d) Russian literature with prescribed texts (2-hour paper together with an assessment of students' essays written during the year) *or* outline of Russian history to 1856 (candidates whose course work in Russian history is satisfactory will be excused the degree examination in this course).
2. Philosophy:
   (a) An introduction to philosophy: candidates will submit two essays of approximately 1,500 words each on topics approved by the Head of the Department. The essays must be submitted by 4 pm on the fourth Monday of the third term. In the event of a candidate's not satisfying the examiners and being granted the facility of a further examination either in September or subsequently, the further examination will be by a 3-hour paper
   (b) Reason and argument (2-hour paper)
   (c) Prescribed essays and exercises for the courses Introduction to philosophy and Reason and argument will also be taken into account.

FINAL EXAMINATION FOR SCHEME 2

1. History of modern philosophy
2. *Either* Ethics *or* Political and social philosophy
3. *Either* Philosophical problems *or* Philosophical logic. (Candidates who wish to take Philosophical logic must have attended a course in Formal logic in their penultimate year.)
4. Marx and Marxism. The examination may take the form either of a three-hour paper *or* with the permission of the Head of the Department of Philosophy, of two essays of not more than 5,000 words each on topics relating to the course and approved by the Head of the Department. The decision as to whether a candidate is to sit a three-hour paper or submit two essays must be made by 1 December in the final year. If a candidate is permitted to submit two essays in place of an examination paper, these essays must be handed in by the first day of the third term of the final year.

5–6. As final examination 5–6 for Arabic and Russian

7. Nineteenth-century Russian thought

8. History of Russia from 1856* *or* The Russian novel† *or* One other paper from the options listed for final examination 6–10 in Russian Studies.
9. A 3-hour paper on a special subject in the field of Russian, *or* a paper, not already taken, chosen with the appproval of the Head of the Department of Philosophy from the list of papers for the Part I and Part II examinations for the degree of BA in Philosophy, including papers on the bridge and special subjects listed‡, *or* a long essay of 8,000–10,000 words on a subject from the field of Philosophy or Russian, or involving both fields, on a topic approved by the Head of the Department concerned. The topic of this essay must be proposed and approved by the beginning of the final year, and the essay must be submitted not later than the first day of the third term of the final year.

An oral examination in Russian.

Candidates may be required to present themselves for a viva voce examination in Philosophy.

FINAL EXAMINATION FOR SCHEME I

PART I

Philosophy: candidates will be examined during the third term of the second year on the following:

1. History of Modern Philosophy
2. *Either* Ethics *or* Political and social philosophy

PART II

3. *Either* Philosophical problems *or* Philosophical logic. (Candidates who wish to take Philosophical logic must have attended a course in Formal logic in their second year.)

4–9. As final examination 4–9 for Scheme 1.

An oral examination in Russian.

Candidates may also be required to present themselves for a viva voce examination in Philosophy.

Philosophy and Sociology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of Philosophy.

FIRST-YEAR EXAMINATION

1. Philosophy: As first-year examination 4 for Economics and Politics
2. Sociology: (a) Introduction to sociology I (one paper)
   (b) Introduction to sociology II (one paper)

* To be examined by two essays of 2,000–3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds and by one essay of 4,000–5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

† A 2-hour paper taken at the end of the second term of the penultimate year of study, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

‡ When the paper taken is a bridge or special subject in Philosophy, then with the permission of the Head of the Department of Philosophy, two essays of not more than 5,000 words each on approved topics within the area covered by the chosen paper may be submitted not later than the first day of the third term of the final year, in place of a 3-hour examination paper. The decision as to whether a candidate is to sit a 3-hour paper or submit two essays must be made by 1 December in the final year.

and normally *one* of the following subjects:*
3. Economics: As first-year examination 1 for Economic History and Geography
4. Geography: As first-year examination 2 for Economic History and Geography
5. Politics: As first-year examination 2 for Economics and Politics
6. Psychology: As first-year examination 6 for Philosophy and Politics
7. Theology and Religious Studies: As first-year examination 2 for Arabic and Theology
8. History: As first-year examination 2 for Economics and History
9. History and philosophy of science: As first-year examination 2 for History of Art and History of Scientific Thought.

SECOND YEAR: PART I FINAL EXAMINATION

At the end of the second year, candidates will present themselves for the Part I examination and must satisfy the examiners before proceeding to further study. A candidate who does not satisfy the examiners at the first attempt will not thereafter be eligible for the award of the degree with honours.
1. The history of *either* Ancient and medieval *or* Modern philosophy
2. Ethics
3. Social Processes and Institutions I
4. Social Processes and Institutions II

THIRD YEAR PART II FINAL EXAMINATION

1. *Either* Philosophical problems *or* Philosophical logic
(Candidates who wish to take Philosophical logic must have attended a course in Formal logic during their second year.)
2. Approaches to Sociological Theory
3-4. Two further papers to be chosen from the following options:
Political and social philosophy
Marx and Marxism†
Philosophical issues in social science
Sociology of knowledge
Contemporary sociological theory
5. *Either* a further paper from the options listed under 3 and 4 above or from any of the other optional papers not already taken which are offered by the Department of Social Policy and Sociology or which are listed as papers for the Part I and Part II examinations for the degree of B.A. in Philosophy, including papers in the bridge and special subjects listed‡; *or* a long essay of 8,000–10,000 words prepared in the student's own time on a topic in either Philosophy or Sociology or in a 'bridge' area (choices in all cases to be with the approval of the Heads of the Departments of Philosophy and Social Policy and Sociology). Candidates must apply to the Heads of the Departments of Philosophy and Social Policy and Sociology for permission to write a long essay and for approval of their proposed topic before the end of the second year. The long essay must be submitted not later than the first day of the third term of the final year.

* In special circumstances another subject chosen with the approval of the Heads of the Departments of Philosophy and Social Policy and Sociology may be substituted for those listed.

† If Marx and Marxism or any other bridge or special subject in Philosophy is taken, then with the permission of the Head of the Department of Philosophy, two essays of not more than 5,000 words each on approved topics within the area covered by the chosen paper may be submitted not later than the first day of the third term of the final year, in place of a 3-hour examination paper. The decision as to whether a candidate is to sit a 3-hour paper or submit two essays must be made by 1 December in the final year.

‡ When the paper taken is a bridge or special subject in Philosophy, then with the permission of the Head of the Department of Philosophy, two essays of not more than 5,000 words each on approved topics within the area covered by the chosen paper may be submitted not later than the first day of the third term of the final year, in place of a 3-hour examination paper. The decision as to whether a candidate is to sit a 3-hour paper or submit two essays must be made by 1 December in the final year.

With the permission of the Head of the Department of Social Policy and Sociology candidates may substitute essays for one or two of the sociology papers in the whole final examination (Part I and Part II). For each paper *either* one essay of 6,000–8,000 words *or* three essays of 2,000–3,000 words will be required. Candidates who wish to be examined in this way must apply to the Head of the Department of Social Policy and Sociology not later than the last day of the first term of the final year. Essays replacing each paper must be submitted as follows:

In the case of one essay

Not later than the first day of the third term

In the case of three essays

The *first* not later than the first day of the second term

The *second* not later than the first day of the third term

The *third* not later than two weeks before the start of the May-June examinations.

In addition candidates may be required to present themselves for an oral examination.

Philosophy and Theology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. A good pass at A or AS level in General Studies will be regarded as a useful qualification for the study of Philosophy.

FIRST-YEAR EXAMINATION

1. Philosophy: As first-year examination 4 for Economics and Politics
2. Theology: As first-year examination 2 for Arabic and Theology
3. One other approved subject.

SECOND YEAR: PART I EXAMINATION

Philosophy: Candidates will be examined during the third term of the second year on the following:

1. The history of *either* Ancient and medieval *or* Modern philosophy
2. *Either* Ethics *or* Political and social philosophy

Theology: Candidates will be examined during the third term of the second year on the following:

3. Philosophy of Religion I.

THIRD YEAR: PART II FINAL EXAMINATION

4. *Either* Philosophical problems *or* Philosophical logic

(Candidates who wish to take Philosophical logic must have attended a course in Formal logic during their second year.)

5. Philosophy of Religion II
6. New Testament
7. Christian theology
8. Any other paper, not otherwise taken, chosen from the list of papers for the Part I and Final Examinations taught by the Department of Theology and Religious Studies.
9. A long essay of 8,000–10,000 words on a topic in Philosophy or Theology or relating the two subjects. The title should be submitted to the Heads of the two Departments for approval at the end of the second year, and the long essay must be submitted by the first day of the third term of the final year. With the approval of the Heads of the Departments of Philosophy and Theology and Religious Studies candidates may, not later than the end of the second year, elect instead to be examined by a three-hour paper, not otherwise taken, chosen from the list of papers for the Part I and Part II examinations for the degree

of B.A. in Philosophy, including papers in the bridge and special subjects listed*, or from the list of optional papers given for the scheme of study for the B.A. in Theology and Religious Studies.

Candidates may be required to present themselves for oral examinations.

Political Studies

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels.

SCHEME OF STUDY

First Year
Candidates will take *three* subjects as follows:
1. Politics
2. History
3. *One* of economics, geography, additional history, philosophy, social policy and administration, sociology, an approved modern language.

In exceptional circumstances another subject chosen with the approval of the Head of the Department of Politics may be allowed in lieu of those listed in 2 and 3 above.

FIRST-YEAR EXAMINATION

A qualifying examination in each of the three subjects taken, which must normally be passed by candidates before they proceed to further study, will be held at the end of the first year. The papers in each subject will be:
1. Politics
   (a) Introduction to politics (one paper)†
   (b) British government (one paper)
   (c) Explanation in political science (one paper)
2. History: The making of the modern world (one paper)
3. Economics: As for first-year examination 1 for Economic History and Geography
4. Geography: As for first-year examination 2 for Economic History and Geography
5. Additional history: *Two* papers, selected with the approval of the Chairman of the School of History, from:
   (a) The ancient world (one paper)
   (b) Medieval Europe (one paper)
   (c) Early modern Europe (one paper)
6. Philosophy: As for first-year examination 4 for Economics and Politics

* When the paper taken is a bridge or special subject in Philosophy, then with the permission of the Head of the Department of Philosophy, two essays of not more than 5,000 words each on approved topics within the area covered by the chosen paper may be submitted not later than the first day of the third term of the final year, in place of a 3-hour examination paper. The decision as to whether a candidate is to sit a 3-hour paper or submit two essays must be made by 1 December in the final year.

† Candidates may elect to substitute three essays of between 2,000 and 3,000 words each, on topics approved by the Head of the Department of Politics for this paper. Candidates who choose to be examined in this way must notify the Head of the Department of Politics in writing not later than the last day of the first term. The essays must be submitted as follows:
The *first* not later than the first day of the second term
The *second* not later than the first day of the third term
The *third* not later than the first day of the May/June examination period.
Candidates whose essays do not satisfy the examiners in June will not be allowed to be re-examined by this method in September or subsequently; re-examination when allowed will be by 3-hour papers.
Such substitution may be made provided that no more than three, three-hour examination papers are substituted by essays and provided that at least one examination in each subject area in the examination is assessed by a three-hour paper which has not been shown to students in advance.

7. Sociology: As for first-year examination 2 for Economics and Sociology
8. Social Policy and Administration: As for first-year examination 6 for Economics and Politics
9. The required papers in an approved modern language or other approved subject.

Second and Third Years
Candidates will take:
1. Modern foreign governments and comparative government
2. Political and social theory*
3-4. *Two* courses chosen from†
   (a) Policy-Making in Britain
   (b) The Social context of British politics
   (c) Modern political doctrines
   (d) Theories of the state, economy and society
   (e) Research methods and computing
   (f) Politics and society in developing countries
   (g) Contemporary international politics
5-7. *Three* courses selected with the approval of the Head of the Department of Politics from the optional courses offered in Politics or a related subject.‡
8. *Either* a further course selected as above *or* a dissertation.

FINAL EXAMINATION

Either eight papers (one in each of the second- and third-year courses), *or seven* papers *plus* a dissertation of between 5,000 and 8,000 words on a topic approved by the Head of the Department of Politics and submitted not later than the first day of the third term of the final year.
With the approval of the Head of the Department of Politics candidates may substitute an essay of 5,000–8,000 words, or three essays of 2,000–3,000 words each, for each of the papers under 1, 3 or 4 above, and an essay of 5,000–8,000 words for each of the papers under 5-8 above. Candidates who so elect must apply in writing for permission to be examined by essay(s) (a) not later than the first day of the third term of the second year in a maximum of two courses taken from 1, 3 or 4 above, and (b) not later than the last day of the first term of the final year in a maximum of two courses taken from 1-8 above. Essay(s) under (a) must be submitted not later than the first day of the first term of the final year. Essay(s) under (b) must be submitted not later than the 14th calendar day of the third term of the final year. Essay topics in each case must be approved by the Head of the Department of Politics.

Politics and Parliamentary Studies

Four years, including a year spent on a parliamentary placement at Westminster and as a Congressional intern in Washington.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels.

* The examination paper for this course will be made available to students 3 weeks before the scheduled examination date.
† Not all these courses will necessarily be available in any one year.
‡ For further details see the courses section. Not all the courses listed will necessarily be offered in any one year, and new courses may be added from time to time.

SCHEME OF STUDY

In the third year, students will be placed with a parliamentary representative at Westminster and in Washington. In exceptional circumstances, students may be allowed to fulfil the placement or internship requirement in one country only. During the year students will attend seminars and classes and submit such written work as may be required by the Department. At the end of the year each student will be required to submit a dissertation.

First Year
Candidates will take *three* subjects as follows:
1. Politics
2. History
3. As first-year examination 3 for Political Studies.

FIRST-YEAR EXAMINATION

A qualifying examination in each of the three subjects taken, which must normally be passed by candidates before they proceed to further study, will be held at the end of the first year. The papers in each subject will be:
1. Politics
   (a) Introduction to politics (one paper)*
   (b) British government (one paper)
   (c) Explanation in political science (one paper)
2. History: the making of the modern world (one paper)
3. An examination as required in the other subject chosen.

Second Year
Candidates will take:
1. Modern foreign governments and comparative government (students must take the American Government option)
2. Political and social theory†
3-4. (a) Policy-making in Britain
   (b) Social context of British politics
   One of the following may be taken in place of either (a) or (b)
   (i) Research methods and computing
   (ii) Politics and society in developing countries
   (iii) Contemporary international politics
   (iv) Modern political doctrines
   (v) Theories of the state, economy and society

Students will be required to attend a series of seminars on Comparative Parliamentary Processes

* Candidates may elect to substitute three essays of between 2,000–3,000 words each, on topics approved by the Head of the Department of Politics for this paper. Candidates who choose to be examined in this way must notify the Head of the Department of Politics in writing not later than the last day of the first term. The essays must be submitted as follows:
The *first* not later than the first day of the second term.
The *second* not later than the first day of the third term.
The *third* not later than the first day of the May/June examination period.
Candidates whose essays do not satisfy the examiners in June will not be allowed to be re-examined by this method in September or subsequently; re-examination when allowed will be by 3-hour papers.
Such substitution may be made provided that no more than three, three-hour examination papers are substituted by essays and provided that at least one examination in each subject area in the examination is assessed by a three-hour paper which has not been shown to students in advance.

† The examination paper for this course will be made available to students 3 weeks before the scheduled examination date.

Fourth Year
5-8. *Four* courses selected with the approval of the Head of the Department of Politics from the optional courses offered in Politics or a related subject.

FINAL EXAMINATION

The final examination will consist of eight papers (one in each of the second and fourth year courses) plus a dissertation of between 8,000 and 10,000 words on a topic relevant to the internship programme, as approved by the Head of the Department of Politics, and submitted no later than the first day of the first term of the fourth year.
With the approval of the Head of the Department of Politics candidates may substitute an essay of 5,000-8,000 words, or three essays of 2,000-3,000 words each, for each of the papers under 1, 3 or 4 above, and an essay of 5,000-8,000 words for each of the papers under 5-8 above. Candidates who so elect must apply in writing for permission to be examined by essay(s) (a) not later than the first day of the third term of the second year in a maximum of two courses taken from 1, 3 or 4 above, and (b) not later than the last day of the first term of the final year in a maximum of two courses taken from 1-8 above. Essay(s) under (a) must be submitted not later than the first day of the first term of the third year. Essay(s) under (b) must be submitted not later than the fourteenth calendar day of the third term of the final year. Essay topics in each case must be approved by the Head of the Department of Politics.

Politics and Russian Studies

Four years (including a year spent abroad).

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Russian at A level.

SCHEME OF STUDY

At an appropriate point in the scheme candidates will normally be required to spend a year in the U.S.S.R. or Eastern Europe. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. Politics: As first-year examination 2 for Economics and Politics
2. Russian Studies: As first-year examination 2 for Scheme 1 for Mathematics and Russian
3. One other approved subject selected from those offered in the Faculty of Arts or the Faculty of Economic and Social Studies.

FINAL EXAMINATION

1. Modern foreign governments and comparative governments (U.S.S.R. component compulsory)*
2. Political and social theory†
3. The government and politics of the U.S.S.R.

* With the approval of the Head of the Department of Politics candidates may substitute an essay of 5,000–8,000 words, or three essays of 2,000–3,000 words each, for this paper. Candidates who so elect must apply in writing for permission to be examined by essay(s) not later than the first day of the third term of the second year. Essay(s) must be submitted not later than the first day of the first term of the final year. Essay topics must be approved by the Head of the Department of Politics.

† The examination paper for this course will be made available to students 3 weeks before the scheduled examination date.

4. An additional course in Politics
5. Translation from and into Russian
6. Essay in Russian
7. History of Russia from 1856*
8. An additional course in Russian Studies, selected from those offered for the B.A. in Russian Studies (see pp. 231–232)
9. *Either* an extra paper in either Politics or Russian Studies
   or an extended essay of about 8,000 words on an approved topic in Politics or Russian, or combining both fields, to be handed in by 1 May of the final year. Candidates must commit themselves to the writing of an extended essay not later than the first day of the first term of their final year.

Politics and Social Policy

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

SCHEME OF STUDY

First Year
Candidates will take *three* subjects as follows:
1. Politics
2. Social policy and administration
3. *One* of economics,† geography, history, philosophy, sociology, an approved modern language. In exceptional circumstances another subject chosen with the approval of the Heads of the Departments of Politics and Social Policy and Sociology may be allowed in lieu of those listed in 3 above.

FIRST-YEAR EXAMINATION

A qualifying examination in each of the three subjects taken, which must normally be passed by candidates before they proceed to further study, will be held at the end of the first year. The papers in each subject will be:
1. Politics: As first-year examination 2 for Economics and Politics
2. Social Policy: As first-year examination 6 for Economics and Politics
3. Economics: As first-year examination 1 for Economics and Geography
4. Geography: As first-year examination 2 for Economic History and Geography
5. History:
   (a) The making of the modern world (one paper)
   (b) Another paper, selected with the approval of the Chairman of the School of History from either The ancient world (one paper) or Medieval Europe (one paper) or Early modern Europe (one paper)
6. Philosophy: As first-year examination 4 for Economics and Politics
7. Sociology: As first-year examination 2 for Economics and Sociology
8. The required papers in an approved modern language or other approved subject.

* To be examined by two essays of 2,000–3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds and by one essay of 4,000–5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

† Only candidates who take economics will be eligible to choose 'The Economics of the Public Services' as an optional course in the third year.

Second and Third Years
Candidates will take:
1. Modern foreign governments and comparative government
2. Political and social theory*
3. *One* of:
   (a) Policy-making in Britain
   (b) The social context of British politics
   (c) Modern political doctrines
   (d) Theories of the state, economy and society
   (e) Politics and society in developing countries
   (f) Contemporary international politics
4. Social policy in Britain
5. Welfare institutions in the modern industrial state
6. Organization, management and social policy

7-8. Two additional papers chosen with the consent of the Heads of the two Departments from the courses available in the Department of Politics or the Department of Social Policy and Sociology.†

FINAL EXAMINATION

The final examination will consist of *eight* papers or paper equivalents, *plus* an extended essay of approximately 8,000 words on a topic linking the two subjects and approved by the Head of the Department of Politics and the Head of the Department of Social Policy and Sociology; the extended essay must be submitted not later than the first day of the third term of the final year.

With the approval of the Head of the Department of Politics candidates may substitute an essay of 5,000–8,000 words, or three essays of 2,000–3,000 words each for *one* of the papers under 1 above.

Candidates who so elect must apply in writing for permission to be examined by essay(s) not later than the first day of the third term of the second year. Each topic must be approved by the Head of the Department of Politics, and the essay(s) must be submitted not later than the first day of the first term of the final year.

With the approval of the Department concerned, candidates may also elect to substitute a long essay of between 5,000 and 8,000 words for each of the papers in one or both of the optional courses. Candidates who so elect must apply in writing for permission to be examined by essay(s) not later than the last day of the first term of the final year. Essay topics must be chosen with the approval of the examiners in the last week of the first term, and the essays must be submitted not later than the fourteenth calendar day of the third term in the final year.

Politics and Sociology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

* The examination paper for this course will be made available to students 3 weeks before the scheduled examination date.

† For further details see the courses section. Not all the courses listed will necessarily be offered in any one year and new courses may be added from time to time.

SCHEME OF STUDY

First Year

Candidates will take *three* subjects as follows:

1. Politics
2. Sociology
3. *One* of economics, geography, history, philosophy, psychology, social policy and administration, an approved modern language.

In exceptional circumstances another subject chosen with the approval of the Heads of the Departments of Politics and Social Policy and Sociology may be allowed in lieu of those listed in 3 above.

FIRST-YEAR EXAMINATION

A qualifying examination in each of the three subjects taken, which must normally be passed by candidates before they proceed to further study, will be held at the end of the first year. The papers in each subject will be:

1. Politics: As first-year examination 2 for Economics and Politics
2. Sociology: As first-year examination 2 for Economics and Sociology
3. Economics: As first-year examination 1 for Economic History and Geography
4. Geography: As first-year examination 2 for Economic History and Geography
5. History: As first-year examination 2 for Economics and History
6. Philosophy: As first-year examination 4 for Economics and Politics
7. Psychology: As first-year examination 6 for Philosophy and Politics
8. Social Policy and Administration: As first-year examination 6 for Economics and Politics
9. The required papers in an approved modern language or other approved subject.

Second and Third Years

Candidates will take:

1-3. As second and third years 4-6 for Economics and Politics
4-6. As final examination 4-6 for Economics and Sociology
7-9. Three papers selected from the courses offered by either the Department of Politics or the Department of Social Policy and Sociology, with the approval of the Heads of both Departments.*

FINAL EXAMINATION

The final examination, taken at the end of the third academic year, will consist of nine papers in the second- and third-year courses.

With the approval of the Head of the Department of Politics candidates may substitute an essay of 5,000–8,000 words or three essays of 2,000–3,000 words each for each of the papers in any of the following courses:

(a) Policy-making in Britain
(b) The social context of British politics
(c) Modern political doctrines
(d) Theories of the state, economy and society

Candidates who so elect must apply in writing for permission to be examined by essay(s) not later than the first day of the third term of the second year. Each topic must be approved by the Head of the Department of Politics, and the essay(s) must be submitted not later than the first day of the first term of the final year.

With the approval of the Head of the Department concerned, candidates may also substitute essays for each of the papers in not more than two other courses. In the case of

* For further details, see the courses section. Not all the courses listed will necessarily be offered in any one year and new courses may be added from time to time.

courses offered in the Department of Politics, the length of the essay(s) and other conditions governing this method of examination will be the same as are prescribed in the regulations for the B.A. in Political Science. In the case of the Department of Social Policy and Sociology candidates may substitute essays for one or two sociology papers in the final examination. For each paper *either* one essay of 6,000–8,000 words *or* three essays of 2,000–3,000 words will be required. Candidates who wish to be examined in this way must apply to the Head of the Department of Social Policy and Sociology not later than the last day of the first term of the final year. Essays replacing each paper must be submitted as follows:

In the case of one essay:

Not later than the first day of the third term.

In the case of three essays:

The *first* not later than the first day of the second term.
The *second* not later than the first day of the third term.
The *third* not later than two weeks before the start of the May-June examinations.

Portuguese and Russian

Schemes of study extending over a period of four years (Scheme 2) or four years including a year spent abroad (Scheme 1).

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. In the case of Scheme 1, one of the A level passes should normally be in Russian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

PERIOD ABROAD

Candidates taking Scheme 2 will normally be required *either* to spend at least three months in the U.S.S.R. or an East European country and at least one month on a vacation course in a recognized institution in a Portuguese-speaking country *or* to spend the third term of the third year following a course of study at a Portuguese-speaking university or institute of higher education and one month on a vacation course in the U.S.S.R. Candidates taking Scheme 1 will normally be required *either* to spend the third year of study in Portugal and at least three months in the U.S.S.R. or Eastern Europe *or* to spend the third year in the U.S.S.R. or in Eastern Europe or in a Russian-speaking environment and the third term of the second year following a course of study at a Portuguese-speaking university or institute of higher education. During their time abroad students will submit such written work as may be required by the two Departments. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION FOR SCHEME 2

1. Translation into Russian
2. Translation from Russian
3. Russian literature and prescribed texts
4. Soviet history and society (2-hour paper)

An oral examination in Russian.

SECOND-YEAR EXAMINATION FOR SCHEME 2, FIRST-YEAR EXAMINATION FOR SCHEME 1

1. Portuguese:
   (a) Portuguese language
   (b) Modern literature

An oral examination

In addition, students will attend essay tutorials on literary appreciation, and the work done for these will be taken into account.

2. Russian:
   (a) Translation into Russian and essay in Russian
   (b) Translation from Russian (2-hour paper)
   (c) Aural (2-hour paper)
   (d) *Either* Russian literature with prescribed texts (2-hour paper together with an assessment of students' essays written during the year)
   Or Outline of Russian history to 1856 (candidates whose course work in Russian history is satisfactory may be excused the degree examination in this course).

An oral examination

3. One other approved subject.

THIRD YEAR OF SCHEME 2, SECOND YEAR OF SCHEME 1

PART I FINAL EXAMINATION

Nineteenth-century and twentieth-century Portuguese literature
This examination will be taken in March and is an integral part of the final examination.

PART II FINAL EXAMINATION

Oral examinations in Portuguese and in Russian

1. Translation from and into Portuguese
2. Essay in Portuguese

3-6. Four of the following Portuguese options (1½-hour paper on each):
   (a) Early Portuguese literature
   (b) Renaissance drama and poetry
   (c) Machado de Assis
   (d) Twentieth-century Brazilian literature
   (e) Modern poetry
   (f) Portuguese writers in the Far East

7. Essay in Russian
8. Translation from and into Russian
9. *Either* History of Russia from 1856*
   Or The Russian Novel†

10-11. *Either* two papers chosen from papers 6-10 for the scheme of study in Russian Studies
   or one paper chosen from papers 6–10 for the scheme of study in Russian Studies and the remaining paper not taken under 9.

Portuguese and Spanish

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Spanish at A level.

* To be examined by two essays of 2,000–3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds, and by one essay of 4,000–5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

† A two-hour paper taken at the end of the second term of the penultimate year of study in Leeds, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

PERIOD ABROAD

Candidates will normally be required to spend the third year of study in a Portuguese-speaking country or a Spanish-speaking country; and to spend the third term of the second year and/or a period of at least one month in a long vacation in a country of the other language; such stays to include attendance at courses, prescribed or approved, at universities or similar institutions. The cost of residence abroad is not included in the normal fee for an arts scheme.

During their year abroad candidates will be required to write an essay of some 8,000 words within the field of Portuguese or Spanish or combining both subjects. The closing date for the presentation of the essay will be 1 December of the final year.

FIRST-YEAR EXAMINATION

1. Portuguese: As first-year examination 2 for English and Portuguese
2. Spanish: As first-year examination 2 for Arabic and Spanish
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. Nineteenth-century and twentieth-century Portuguese literature
2. The history of Spain to *c.* 1700 (2-hour paper; half-paper equivalent)*
3. Spanish literature to *c.* 1700 (2-hour paper; half-paper equivalent)*

In addition the Spanish Department will require students to attend fortnightly seminars and to present two essays of some 2,000 words each on prescribed topics. The marks obtained for these essays will be incorporated in the second-year examination results. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

PART II FINAL EXAMINATION

1-6. As final examination 3-8 for English and Portuguese
7-8. Any two papers selected from the final year examination papers 3-6 for Spanish
9-10. As final examination 5-6 for Arabic and Spanish.
An oral examination in both languages.

In addition, candidates will be required to present by 1 December in their final year an essay of some 8,000 words on an approved topic within the fields of Portuguese or Spanish, or combining both subjects.

Students will also be required to present prescribed essays on topics related to their chosen courses in Spanish and the marks obtained will be incorporated in the examination result. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

Psychology and Sociology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

FIRST-YEAR EXAMINATION

1. Psychology C1; two papers and assessment of course work
2. Sociology: As first-year examination 2 for Economics and Sociology
3. One other approved subject.

* To be taken in March of the second year.

SECOND YEAR: PART I FINAL EXAMINATION

At the end of the second year candidates will present themselves for the Part I examination and must satisfy the examiners before proceeding to further study. A candidate who does not satisfy the examiners at the first attempt will not thereafter be eligible for the award of the degree with honours.

1. Psychology: C2 Two papers, and assessment of practical and course work.
2. Sociology: Two papers as follows:
   (a) Social Processes and Institutions I
   (b) Social Processes and Institutions II

THIRD YEAR: PART II FINAL EXAMINATION

Candidates will be examined in 5 papers

1. Psychology C3 (2 or 3 papers in subjects offered in the Department of Psychology. Assessment will include practical and course work)
2. Sociology
   (a) Approaches to Sociological Theory
   (b) one or two optional courses in Sociology

With the permission of the Head of the Department of Social Policy and Sociology candidates may substitute essays for one or two of the sociology papers in the whole final examination (Part I and Part II). For each paper *either* one essay of 6,000–8,000 words *or* three essays of 2,000–3,000 words will be required. Candidates who wish to be examined in this way must apply to the Department of Social Policy and Sociology not later than the last day of the first term of the second year (for Part I examination) or the third year (for the Part II examination). Essays replacing each paper must be submitted as follows (dates apply to the second year in the case of Part I examination and the third year in the case of Part II examination):

Not later than the first day of the third term.

In the case of three essays:

The *first* not later than the first day of the second term.
The *second* not later than the first day of the third term.
The *third* not later than two weeks before the start of the May-June examinations.

Religious Studies and History of Art

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels.

FIELD TRIP

As for English and the History of Art.

FIRST-YEAR EXAMINATION

1. Religious studies: As first-year examination 2 for Arabic and Religious Studies
2. History of Art: As first-year examination 2 for English and the History of Art
3. One other approved subject.

FINAL EXAMINATION

1-4. As final examination 5-8 for Arabic and Religious Studies
5-7. As final examination 3-5 for English and the History of Art
8. Candidates will be required to submit an essay of 8,000–10,000 words on a topic which may relate to Religious Studies or the History of Art or to some topic combining both these subjects. The title must be submitted to the Heads of the two Departments for approval at

the beginning of the third year of the scheme and essays must be submitted not later than 1 May.

In addition candidates may be required to present themselves for an oral examination.

Religious Studies and History of Scientific Thought

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels.

FIRST-YEAR EXAMINATION

1. Religious Studies: As first-year examination 2 for Arabic and Religious Studies
2. History of Scientific Thought: As first-year examination 2 for History of Art and History of Scientific Thought
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. Topics in the history of scientific thought: one 3-hour paper on two topics prescribed by the Chairman of the Division of the History and Philosophy of Science from the following areas:*
   Science and theology
   Science and society
   History of the biological sciences
   History of the physical sciences
2. Philosophy of science I and Methods and problems in historiography I.

PART II FINAL EXAMINATION

1-4. As final examination 5-8 for Arabic and Religious Studies
5. Methods and problems in historiography II
6. Topics in the history of scientific thought: one 3-hour paper on two prescribed topics within the areas not taken in the Second Year: Part I Examination*
7. An essay of not more than 10,000 words on a subject which may relate to religious studies, the history of scientific thought or some topic linking these subjects. The title should be submitted to the Heads of the Department of Theology and Religious Studies and the Division of the History and Philosophy of Science for approval at the end of the second year, and the essay must be submitted by the first day of the third term of the final year. With the approval of the Heads of the Department of Theology and Religious Studies and the Division of the History and Philosophy of Science, candidates may, not later than the end of the second year, elect to be examined by means of a special 3-hour paper instead of the extended essay. Candidates may be required to present themselves for an oral examination.

Religious Studies and Roman Civilization

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; a foreign language at GCSE level.

FIRST-YEAR EXAMINATION

1. Religious Studies: As first-year examination 2 for Arabic and Religious Studies

* Courses in these areas will be taught in rotation over a 2-year cycle.

2. Roman Civilization: As first-year examination 2 for Arabic and Roman Civilization
3. One other approved subject.

FINAL EXAMINATION

1-4. As final examination 5-8 for Arabic and Religious Studies
5-8. As final examination 5-8 for Arabic and Roman Civilization
9. Candidates will be required to submit not later than 1 May an essay of 8,000–10,000 words on a subject which may relate to Religious Studies or to Roman Civilization or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme.

Religious Studies and Russian

Schemes of study extending over a period of four years (Scheme 2) or four years including a year abroad (Scheme 1).

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. In the case of Scheme 1, one of the A level passes should normally be in Russian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

PERIOD ABROAD

SCHEME 2. Candidates will normally be required to spend a period of not less than three months in the U.S.S.R. or a comparable period in an East European country at an appropriate point in the scheme. The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME 1. Candidates will normally be required to spend the third year of study in the U.S.S.R., or in an East European country, or in a Russian-speaking environment. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION FOR SCHEME 2

As first-year examination for Scheme 2 in Economics and Russian.

SECOND-YEAR EXAMINATION FOR SCHEME 2, FIRST-YEAR EXAMINATION FOR SCHEME 1

1. Religious Studies: As first-year examination 2 for Arabic and Religious Studies
2. Russian:
   (a) Translation into Russian and essay in Russian
   (b) Translation from Russian (2-hour paper)
   (c) Aural (1½-hour paper)
   (d) *Either* Russian literature with prescribed texts (2-hour paper, together with an assessment of students' essays written during the year) *or* an outline of Russian history to 1856 (candidates whose course work in Russian history is satisfactory will be excused the degree examination in this course)

An oral examination

3. One other approved subject.

FINAL EXAMINATION

1-4. As final examination 5-8 for Arabic and Religious Studies
5. Essay in Russian
6. Translation from and into Russian

7. The Russian Church
8. History of Russia from 1856* *or* The Russian novel† *or* one other paper from the options listed for final examination 6-10 in Russian Studies
9. An extended essay of 8,000–10,000 words on a subject from the field of religious studies or Russian or involving both fields to be presented by 1 May of the final year. The subject for the extended essay will be set with the agreement of both Heads of Department.

An oral examination in Russian.

Candidates may be required to present themselves for an oral examination in religious studies.

Religious Studies and Sociology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

FIRST-YEAR EXAMINATION

1. Religious Studies: As first-year examination 2 for Arabic and Religious Studies
2. Sociology: As first-year examination 2 for Economics and Sociology
3. Economics: As first-year examination 1 for Economic History and Geography
4. Geography: As first-year examination 2 for Economic History and Geography
5. Politics: As first-year examination 2 for Economics and Politics
6. Philosophy: As first-year examination 4 for Economics and Politics
7. Psychology: As first-year examination 6 for Philosophy and Politics.

SECOND YEAR: PART I FINAL EXAMINATION

At the end of the second year candidates will present themselves for the Part I examination and must satisfy the examiners before proceeding to further study. A candidate who does not satisfy the examiners at the first attempt will not thereafter be eligible for the award of the degree with honours.

1. Social Processes and Institutions I
2. Social Processes and Institutions II
3. One of (a) Islam
   (b) Hinduism and Buddhism
   (c) Hinduism and Sikhism

THIRD YEAR: PART II FINAL EXAMINATION

1. Approaches to Sociological Theory
2. Another course taught in the Department of Social Policy and Sociology
3. Church History
4. Sociology of Religion or selected topics in the comparative study of religions or philosophy of religion (as offered)
5. Any other course currently taught in the Department of Theology and Religious Studies.
6. *Either* a long essay (not more than 10,000 words) chosen on a subject in Religious Studies with the approval of the Head of Department of Theology and Religious Studies *or* a further paper in Sociology.

* To be examined by two essays of 2,000-3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds and by one essay of 4,000-5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

† A 2-hour paper taken at the end of the second term of the penultimate year of study, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

With the permission of the Head of the Department of Social Policy and Sociology candidates may substitute essays for one or two of the sociology papers in the whole final examination (Part I and Part II). For each paper *either* one essay of 6,000–8,000 words *or* three essays of 2,000–3,000 words will be required. Candidates who wish to be examined in this way must apply to the Head of the Department of Social Policy and Sociology not later than the last day of the first term of the final year. Essays replacing each paper must be submitted as follows:

In the case of one essay:

Not later than the first day of the third term.

In the case of three essays:

The *first* not later than the first day of the second term.
The *second* not later than the first day of the third term.
The *third* not later than two weeks before the start of the May–June examinations.

Roman Civilization and Russian

Schemes of study extending over a period of four years (Scheme 2) or four years including a year abroad (Scheme 1).

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. In the case of Scheme 1, one of the A level passes should normally be in Russian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

PERIOD ABROAD

SCHEME 2. Candidates will normally be required to spend a period of not less than three months in the U.S.S.R. or a comparable period in an East European country at an appropriate point in the scheme. The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME 1. Candidates will normally be required to spend the third year of study in the U.S.S.R., or in an East European country, or in a Russian-speaking environment. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION FOR SCHEME 2

As first-year examination for Scheme 2 in Economics and Russian.
Candidates will also be required to attend an auxiliary course in Latin, which will not be examined.

SECOND-YEAR EXAMINATION FOR SCHEME 2, FIRST-YEAR EXAMINATION FOR SCHEME 1

1. Roman Civilization: As first-year examination 2 for Arabic and Roman Civilization
2. As first-year examination 2 for Scheme 1 in Mathematics and Russian
3. One other approved subject.

FINAL EXAMINATION

1-4. As final examination 5-8 for Arabic and Roman Civilization
5-6. As final examination 5-6 for Arabic and Russian

7-8. *Two* of the following:
(a) History of Russia from 1856*
(b) the Russian novel†
(c) one other paper from the options listed for final examination 6-10 in Russian Studies.
In addition, candidates are required to present by 1 May in their final year of study an essay of 8,000–10,000 words on a subject, approved by the Heads of both Departments, from the field of Roman civilization or Russian or involving both fields. The subject must be submitted for approval by the end of the second term of the penultimate year of study.

Roman Civilization and Spanish

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Spanish at A level.

PERIOD ABROAD

Candidates will normally be required to spend the third year of study in a Spanish-speaking country. With the permission of the Head of the Department of Spanish and Portuguese, they may be allowed, in lieu of this requirement, to spend a period of at least two months in Spain during the long vacation of either their first or second year, this period to include attendance at approved courses of study. The cost of residence abroad is not included in the normal fee for an arts scheme.

During their year abroad candidates will be required to write an essay of some 8,000 words within the field of Roman Civilization or Spanish or combining both subjects. The closing date for the presentation of the essay will be 1 December of the final year.

FIRST-YEAR EXAMINATION

1. Roman Civilization: As first-year examination 2 for Arabic and Roman Civilization
2. Spanish: As first-year examination 2 for Arabic and Spanish
3. One other approved subject.

FINAL EXAMINATION

1-4. As final examination 5-8 for Arabic and Roman Civilization
5. The history of Spain to *c.* 1700 (2-hour paper; half-paper equivalent)‡
6. Spanish literature to *c.* 1700 (2-hour paper; half-paper equivalent)‡
7-8. Any two papers selected from the final year examination papers 3-6 for Spanish
9-10. As final examination 5-6 for Arabic and Spanish.
An oral examination in Spanish.

In addition the Department of Spanish and Portuguese will require students during their second year to attend fortnightly seminars and to present two essays of some 2,000 words each on prescribed topics. The marks obtained for these essays will be incorporated in the

* To be examined by two essays of 2,000-3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds and by one essay of 4,000–5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

† A 2-hour paper taken at the end of the second term of the penultimate year of study, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

‡ To be taken in March of the second year.

second-year examination results. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

Candidates will be required to present by 1 December in their final year of study an essay of 8,000–10,000 words on a subject, approved by the Heads of both Departments, preferably covering both fields of study. The subject must be submitted for approval by the end of the third term of the second year of study.

Students will also be required to present prescribed essays on topics related to their chosen courses in Spanish and the marks obtained will be incorporated in the examination results. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

Roman Civilization and Theology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; a foreign language at GCSE level.

FIRST-YEAR EXAMINATION

1. Roman Civilization: As first-year examination 2 for Arabic and Roman Civilization
2. Theology: As first-year examination 2 for Arabic and Theology
3. One other approved subject.

FINAL EXAMINATION

1-4. As final examination 5-8 for Arabic and Roman Civilization
5-8. As final examination 5-8 for Arabic and Theology
9. Candidates will be required to submit not later than 1 May an essay of 8,000–10,000 words on a subject which may relate to Roman civilization or to theology or to some topic combining both these subjects. The title should be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme.

Russian and Sociology

Schemes of study extending over a period of four years (Scheme 2) or four years including a year abroad (Scheme 1).

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics. In the case of Scheme 1, one of the A level passes should normally be in Russian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

PERIOD ABROAD

SCHEME 2. Candidates will normally be required to spend a period of not less than three months in the U.S.S.R. or a comparable period in an East European country at an appropriate point in the scheme. The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME 1. Candidates will normally be required to spend the third year of study in the U.S.S.R., or in an East European country, or in a Russian-speaking environment. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION FOR SCHEME 2

As first-year examination for Scheme 2 in Economics and Russian.

SECOND-YEAR EXAMINATION FOR SCHEME 2, FIRST-YEAR EXAMINATION FOR SCHEME 1

1. Russian:
   (a) Translation into Russian and essay in Russian
   (b) Translation from Russian (2-hour paper)
   (c) Aural (1½-hour paper)
   (d) *Either*
   Outline of Russian history to 1856 (candidates whose course work in Russian history is satisfactory will be excused the degree examination in this course)
   Or
   Russian literature (one 2-hour paper and assessment of four essays)
   An oral examination
2. Sociology: As first year examination 2 for Economics and Sociology
3. One other approved subject selected from those offered in the Faculty of Arts or the Faculty of Economic and Social Studies.

FINAL EXAMINATION

1. Essay in Russian
2. Translation from and into Russian
3. History of Russia from 1856*
4. Approaches to sociological theory
5. Social Processes and Institutions I
6. Social Processes and Institutions II
7. Contemporary Soviet politics, planning and society† *or* The Russian novel‡ *or* one other paper from the options listed for final examination 6-10 in Russian Studies.
8. Sociology of communist societies, *or* one paper selected from:
   (a) Sexual divisions and society
   (b) Sociology of crime
   (c) Sociology of development
   (d) Sociology of education
   (e) Sociology of the family
   (f) Sociology of industry
   (g) Sociology of medicine
   (h) Sociology of politics
   (i) Sociology of race relations
   (j) Sociology of stratification
   (k) Sociological theories of development
   (l) Sociology of art and literature
   (m) Sociology of religion
9. A dissertation (of 8,000–10,000 words) on a topic in the sociology of Soviet or East European society, approved by the Heads of both Departments and supervised by both Departments, and submitted not later than the beginning of the third term of the final year. An oral examination in Russian.

* To be examined by two essays of 2,000-3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds and by one essay of 4,000-5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

† To be examined by three essays of about 3,000 words each on approved topics to be submitted by 1 May of the final year.

‡ A 2-hour paper taken at the end of the second term of the penultimate year of study, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

With the permission of the Head of Department of Social Policy and Sociology candidates may substitute essays for one or two of the sociology papers in the final examination. For each paper *either* one essay of 6,000–8,000 words *or* three essays of 2,000–3,000 words will be required. Candidates who wish to be examined in this way must apply to the Head of the Department of Social Policy and Sociology not later than the last day of the first term of the final year. Essays replacing each paper must be submitted as follows:
In the case of one essay:
Not later than the first day of the third term.
In the case of three essays:
The *first* not later than the first day of the second term.
The *second* not later than the first day of the third term.
The *third* not later than two weeks before the start of the May–June examinations.

Russian and Theology

Schemes of study extending over a period of four years (Scheme 2) or four years including a year abroad (Scheme 1).

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. In the case of Scheme 1, one of the A level passes should normally be in Russian. In the case of Scheme 2, one of the A level passes should normally be in a foreign language.

PERIOD ABROAD

SCHEME 2. Candidates will normally be required to spend a period of not less than three months in the U.S.S.R. or a comparable period in an East European country at an appropriate point in the scheme. The cost of residence abroad is not included in the normal fee for an arts scheme.

SCHEME 1. Candidates will normally be required to spend the third year of study in the U.S.S.R., or in an East European country, or in a Russian-speaking environment. The cost of residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION FOR SCHEME 2

As first-year examination for Scheme 2 in Economics and Russian.

SECOND-YEAR EXAMINATION FOR SCHEME 2, FIRST-YEAR EXAMINATION FOR SCHEME 1

1. Russian: As first-year examination 2 for Scheme 1 in Mathematics and Russian
2. Theology: As first-year examination 2 for Arabic and Theology
3. One other approved subject.

FINAL EXAMINATION

1-2. As final examination 5-6 for Arabic and Russian
3. The Russian Church
4. History of Russia from 1856* *or* The Russian Novel† *or* one other paper from the options listed for final examination 6-10 in Russian Studies

* To be examined by two essays of 2,000-3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds and by one essay of 4,000–5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

† A 2-hour paper taken at the end of the second term of the penultimate year of study, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

5-8. As final examination 5-8 for Arabic and Theology
9. An extended essay of 8,000–10,000 words on a subject from the field of Russian or theology or involving both fields to be presented by 1 May of the final year. The subject for the extended essay will be set with the agreement of both Heads of Department.
An oral examination in Russian.

Candidates may also be required to present themselves for an oral examination in theology.

Russian Studies*

Two four-year schemes. Scheme 1 includes a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Russian at A level for Scheme 1. Candidates with little or no previous knowledge of Russian may be accepted for Scheme 2.

PERIOD ABROAD AND SCHEME OF STUDY

SCHEME 2. Students will normally be required at an appropriate point in their scheme to spend a period of at least three months in the U.S.S.R., or a comparable period in an Eastern European country. The cost is not included in the normal fee for an arts scheme. Students will be required to take a course in the phonetics of Russian in the first year.

SCHEME 1. Students will normally be required to spend the third year of study in the U.S.S.R., or in an Eastern European country, or in a Russian-speaking environment. Students who elect to study Czech or Bulgarian as part of their course will normally be required to spend the summer term of their second year of study in Czechoslovakia or Bulgaria respectively. The cost is not included in the normal fee for an arts scheme.

FIRST YEAR EXAMINATION FOR SCHEME 2

As first-year examination for Scheme 2 in Economics and Russian.

SECOND YEAR EXAMINATION FOR SCHEME 2, FIRST YEAR EXAMINATION FOR SCHEME 1

1. Translation into Russian and essay in Russian
2. Translation from Russian (2-hour paper)
3. Aural (1½-hour paper)
4. Outline of Russian history to 1856 (candidates whose course work in Russian history is satisfactory will be excused the degree examination in this course)
5. Russian literature with prescribed texts (2-hour paper together with an assessment of students' essays written during the year).
An oral examination.

Candidates will also normally be required to pass an examination in one other approved subject.

* The title of this degree will include the name of the subsidiary subject which has been read throughout the scheme of study (where appropriate).

FINAL EXAMINATION

1. The history of Russia from 1856 *
2. Translation into Russian
3. Translation from Russian
4. Essay in Russian
5. The Russian novel †

6-10. *Five* papers from the following options, not all of which may necessarily be on offer in any given year:

(a) Pushkin
(b) Russian drama ‡
(c) Russian poetry ‡
(d) Tolstoy and Dostoevsky
(e) Russian literature of the Soviet period ‡
(f) Nineteenth-century Russian thought
(g) Contemporary Soviet politics, planning and society §
(h) Geography of the U.S.S.R. ¶
(i) The Russian Church
(j) Imperial expansion: Siberia and Canada, 1580-1913
(k) Soviet foreign policy
(l) Bulgarian with prescribed texts
(m) Czech with prescribed texts
(n) From Chekhov to Zamyatin: the Russian short story, 1890–1922

or three papers chosen from the options a-n above together with examinations as required for an approved subsidiary subject which may be taken during the final two years of the scheme of study in place of two of the options in Russian. The final examination in the subsidiary subject will be regarded as the equivalent of two three-hour papers and the results obtained will be taken into account on this basis when considering the result of the final degree examination. An examination in the subsidiary subject may also be held in March of the penultimate year of study.

Candidates choosing to take *either* five options in Russian *or* three options in Russian and a subsidiary subject during the final two years of study may, with the approval of the Head of the Department, offer a dissertation of 8,000-10,000 words instead of the examination in one of the options in Russian. Candidates must commit themselves to writing a dissertation not later than the last day of the first term of the final year, and the work must be submitted by the subsequent 1 May.

There will also be an oral examination in Russian.

* To be examined by two essays of 2,000–3,000 words each on approved topics to be presented by the last day of the second term of the penultimate year of study in Leeds and by one essay of 4,000–5,000 words on an approved topic to be presented by the first day of the second term of the final year. If this course is taken in the final year, all essays must be presented by 1 May.

† A 2-hour paper taken at the end of the second term of the penultimate year of study, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study.

‡ A 2-hour paper, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented by the end of the first week of the final year for courses taken in a candidate's penultimate year or by 1 May for courses taken in the final year.

§ To be examined by three essays of about 3,000 words each on approved topics, to be submitted by 1 May of the final year.

¶ A 2-hour paper together with an essay of 4,000 words on an approved topic to be presented by 1 May of the final year.

Social Policy and Administration

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

FIRST-YEAR EXAMINATION

1. Social policy and administration:
   (a) Introduction to social policy and administration*
   (b) Foundations of social policy
2. Politics: As first-year examination 2 for Economics and Politics
3. Economics:
   (a) General economics
   (b) Britain and the international economy after 1870

A qualifying examination consisting of the required papers in each of these subjects, which must normally be passed by candidates before they proceed to further study, will be held at the end of the first year.

SECOND AND THIRD YEARS

Candidates will take the following courses:

1. Social policy in Britain
2. Welfare institutions in the modern industrial state
3. Organization, management and social policy
4. Policymaking in Britain
5. Economics of the public services
6. Research methods and computing

7-8. *Two* courses selected from:†

British social policy 1918–1948
Family policy
Social policy and the law
The labour market and social policy
Social security in Britain since 1945
Housing and urban society
Human-resource management in the social services
Social and economic policy — the Swedish approach
Social divisions, social class and social welfare

FINAL EXAMINATION

For courses 1–5 above the final examination will consist of a three-hour paper at the end of

* Candidates may elect to substitute three essays of between 2,000 and 3,000 words each, on topics approved by the Head of the Department of Social Policy and Sociology, for this paper. Candidates who choose to be examined in this way must notify the Head of the Department of Social Policy and Sociology in writing not later than the last day of the first term. The essays must be submitted as follows:
The *first* not later than the first day of the second term.
The *second* not later than the first day of the third term.
The *third* not later than the first day of the May/June examination period.
Candidates whose essays do not satisfy the examiners in June will not be allowed to be re-examined by this method in September or subsequently; re-examination when allowed will be by a 3-hour paper.
Such substitution may be made provided that no more than three, three-hour examination papers are substituted by essays and provided that at least one examination in each subject area in the examination is assessed by a three-hour paper which has not been shown to students in advance.

† Not all of these courses will necessarily be available in any one year. As an alternative, and with the consent of the Heads of the Departments concerned, students may choose courses from those available in the Departments of Social Policy and Sociology, Politics, the School of Economic Studies, or other department. But at least one of the elective courses must be selected from courses provided in the Department of Social Policy and Sociology.

the third academic year. The course on Research methods and computing may be examined by a combination of methods selected from project work, set essays, and a final paper.

The optional courses will be examined by a final paper or paper equivalent.

In addition students will be required to write an extended essay of about 8,000 words from the field of social policy and administration selected in consultation with departmental tutors, and approved by the Head of the Department of Social Policy and Sociology. Approval must be obtained by 30 May in the second year and the essay submitted not later than the first Monday of the third term of the final year.

Social Policy and Sociology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

FIRST-YEAR EXAMINATION

1. Social policy and administration: As first-year examination 6 for Economics and Politics
2. Sociology: (a) Introduction to sociology I (one paper)*
   (b) Introduction to sociology II (one paper)*
3. *Either* Politics: As first-year examination 2 for Economics and Politics
   or Economics: As first-year examination 1 for Economics and Geography
   or in exceptional circumstances, and with the permission of the Heads of the appropriate Departments, any other approved subject.

A qualifying examination consisting of the required papers in each of these subjects, which must normally be passed by candidates before they proceed to further study, will be held at the end of the first year.

FINAL EXAMINATION

1-3. As final examination 1-3 for Social Policy and Administration
4-6. As final examination 4-6 for Economics and Sociology
7-8. Two papers or the equivalent (i.e. in essays and/or project work as authorized for the particular course of study) chosen with the consent of the Head of the Department. At least one paper must be chosen from courses provided in the field of Sociology.†

* Candidates may elect to substitute three essays of between 2,000 and 3,000 words each, on topics approved by the Head of the Department, for one of these papers. Essays must be submitted as follows:
The first not later than the first day of the second term
The second not later than the first day of the third term
The third not later than the first day of the May/June examination period.
Candidates whose essays do not satisfy the examiners in June will not be allowed to be re-examined by this method in September or subsequently; re-examination when allowed will be by a 3-hour paper.
Such substitution may be made provided that no more than three, three-hour examination papers are substituted by essays and provided that at least one examination in each subject area in the examination is assessed by a three-hour paper which has not been shown to students in advance.

† *Sociology—Optional Essays*
With the approval of the Head of the Department candidates may substitute essays for each sociology option taken. For each paper either one essay of 6,000–8,000 words *or* three essays of 2,000–3,000 words will be required. Candidates who wish to be examined in this way must apply in writing to the Head of the Department not later than the end of the first term of the year in which the course is held. The title of the essays must be chosen in consultation with the member of staff teaching the optional course and essays replacing each paper must be submitted as follows:
In the case of one essay:
Not later than the first day of the third term of the final year.
In the case of three essays:
The first not later than the first day of the second term of the final year
The second not later than the first day of the third term of the final year
The third not later than two weeks before the start of the May/June examinations.

In addition, candidates will be required to present an extended essay on a topic selected from the field of social policy and administration.*
The final examination will therefore consist of eight papers (or the equivalent, see 7–8 above) together with an extended essay.*

Sociology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

SCHEME OF STUDY AND EXAMINATIONS

First Year

1. Sociology
   (a) Introduction to Sociology I
   (b) Introduction to Sociology II
   (c) Intellectual and cultural trends of the nineteenth and twentieth centuries
   (d) Social trends and movements of the nineteenth and twentieth centuries
   (e) Introduction to sociological research
2. *One* of the following subjects:
   Economics
   Politics
   Philosophy
   Psychology
   or another subject with the permission of the Head of the Department.

FIRST-YEAR EXAMINATION

1. Sociology:
   (a) Introduction to Sociology I
   (b) Introduction to Sociology II
   (c) Intellectual and cultural trends of the nineteenth and twentieth centuries
   (d) Social trends and movements of the nineteenth and twentieth centuries
   (e) Introduction to sociological research (one paper and one research exercise).

Candidates may substitute essays for one or two of the papers (a)–(d) above. For each paper three essays of 2,000–3,000 words, on topics approved by the Head of the Department, will be required. Candidates who choose to be examined in this way must notify the Head of the Department in writing not later than the last day of the first term of the first year.
Essays replacing each paper must be submitted as follows:
The *first* not later than the first day of the second term.
The *second* not later than the first day of the third term.
The *third* not later than two weeks before the start of the May/June examinations.
Such substitution may be made provided that no more than three, three-hour examination papers are substituted by essays and provided that at least one examination in each subject area in the examination is assessed by a three-hour paper which has not been shown to students in advance.

* *Social Policy— Extended Essays*
The essay should be about 8,000 words, from the field of social policy and administration selected in consultation with departmental tutors, and approved by the Head of the Department. Approval must be obtained by 30 May in the second year and the essay submitted not later than the first Monday of the third term of the final year.

Candidates whose essays do not satisfy the examiners in June will not be allowed to be re-examined by this method in September or thereafter; re-examination when allowed will be by 3-hour papers.
2. An examination as required in the other subject chosen.
A qualifying examination in each of these subjects, which must normally be passed by candidates before they proceed to further study, will be held at the end of the first year.

Second Year
1. Approaches to sociological theory
2. Social Processes and Institutions I
3. Social Processes and Institutions II
4. Sociological research methods.

PART I FINAL EXAMINATION

Before proceeding to the third year of study, candidates will present themselves for the Part I final examination, by a three-hour paper in each of the four courses listed above. With the permission of the Head of the Department, candidates may substitute essays for one or two of these papers. For each paper *either* one essay of 6,000–8,000 words *or* three essays of 2,000–3,000 words each will be required. Candidates who wish to be examined in this way must apply to the Head of the Department not later than the last day of the first term of the second year.
Essays replacing each paper must be submitted as follows:
In the case of one essay:
Not later than the first day of the third term.
In the case of three essays:
The *first* not later than the first day of the second term
The *second* not later than the first day of the third term
The *third* not later than two weeks before the start of the May–June examinations.

Third Year
1. Comparative development of societies
2. Contemporary sociological theory
3. *Two* courses selected from:

Comparative labour movements
Music and society
Philosophical issues in social sciences
Sexual divisions and society
Social anthropology
Social demography
Social ecology
Sociological theories of development
Sociology of art and literature
Sociology of Canadian Society
Sociology of Chinese society
Sociology of communist societies
Sociology of crime
Sociology of culture
Sociology of development
Sociology of education
Sociology of the family
Sociology of industry
Sociology of knowledge
Sociology of medicine
Sociology of politics
Sociology of race relations and ethnic minorities in Britain
Sociology of religion
Sociology of science
Sociology of stratification

Not all the optional courses will necessarily be available in any one session. Students may choose, with the permission of the Head of the Department, another course from the optional courses offered in a related subject.*

* For further details see the Courses section.

PART II FINAL EXAMINATION

1. Comparative development of societies
2. Contemporary sociological theory
3-4. Two papers selected from the optional courses listed above.

With the permission of the Head of the Department candidates may substitute essays for one or two of the above papers. For each paper *either* one essay of 6,000–8,000 words *or* three essays of 2,000–3,000 words each will be required. Candidates who wish to be examined in this way must apply to the Head of the Department not later than the last day of the first term of the final year.

Essays replacing each paper must be submitted as follows:

In the case of one essay:

Not later than the first day of the third term.

In the case of three essays:

The *first* not later than the first day of the second term.

The *second* not later than the first day of the third term.

The *third* not later than two weeks before the start of the May-June examinations.

5. A dissertation (of the order of 10,000 words) on a subject approved by the Head of the Department, submitted not later than the first day of the third term.

Sociology and Cultural Studies*

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels.

FIRST-YEAR EXAMINATION

1. Sociology
   (a) Introduction to Sociology I
   (b) Introduction to Sociology II
   (c) Intellectual and cultural trends of the nineteenth and twentieth centuries
   (d) Social trends and movements of the nineteenth and twentieth centuries
2. Cultural Studies: Introduction to Cultural Studies
3. The appropriate examinations for *one* of the following subjects:
   Politics
   Philosophy
   History
   History and Philosophy of Science
   History of Art
   Psychology
   (In exceptional circumstances, another third subject may be chosen instead of these, with the approval of the Head of the Department.)

FINAL EXAMINATION

PART I

At the end of the second year candidates will present themselves for the Part I examination and must satisfy the examiners before proceeding to further study. A candidate who does not satisfy the examiners at the first attempt will not thereafter be eligible for the award of the degree with honours. The Part I examination consists of four papers:

1. Approaches to sociological theory
2. Social processes and institutions I
3. Theories of culture

* This scheme is currently in abeyance

4. Cultural institutions and processes

Students may choose to be examined by essay in up to two of the four papers, either by one essay of not more than 8,000 words, or by three essays of not more than 3,000 words each. Students must apply for permission to write extended essays not later than the end of the first term of the second year. If one essay is written this must be submitted by the first Monday of the third term of the second year. If three essays are written they must be submitted as follows: first essay by the first Monday of the second term of the second year; second essay by the first Monday of the third term of the second year; third essay by not later than two weeks before the start of the May/June final examinations.

PART II

1. Sociology of knowledge
2-4. Three papers selected from the following options:
   Sociology of science
   Sociology of art and literature
   Sexual divisions and society
   Sociology of education
   Contemporary sociological theory
   Sociology of race relations and ethnic minorities in Britain
   Social anthropology

Students may, with the permission of the Head of the Department, submit extended essays of not more than 8,000 words in lieu of up to two option papers. Students must apply for permission to write extended essays not later than the end of the first term of the third year. If one essay is written this must be submitted by the first Monday of the third term of the third year. If two essays are written the first essay must be submitted by the first Monday of the second term of the third year and the second essay by the first Monday of the third term of the third year.

5. Dissertation (of the order of 10,000 words) on a subject approved by the Head of the Department, submitted not later than the first Monday of the third term of the third year.

Sociology and History of Art

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

FIELD TRIP

As for English and the History of Art.

FIRST-YEAR EXAMINATION

1. Sociology: As first-year examination 2 for Economics and Sociology
2. History of Art: As first-year examination 2 for English and the History of Art
3. Two papers from *one* of the following subjects:
   Politics
   Philosophy
   History
   Psychology
   History and Philosophy of Science.

(In exceptional circumstances, another third subject may be chosen instead of these, with the approval of the Heads of the Departments of Social Policy and Sociology and Fine Art.)

SECOND YEAR: PART I FINAL EXAMINATION

Candidates will be examined during the third term of the second year on the following:
1. Social Processes and Institutions I
2. Social Processes and Institutions II

THIRD YEAR: PART II FINAL EXAMINATION

1. Approaches to Sociological Theory
2. Sociology of Art and Literature
3. One option in sociology, chosen from the following:*
   Sociology of Culture
   Sociology of Education
   Sociology of Knowledge
   Sociology of Religion
   Contemporary Sociological Theory
   Sexual Divisions and Society

4-6. As final examination 3-5 for English and the History of Art

7. Dissertation of about 10,000 words on an approved subject which may relate to Sociology or the History of Art or combine both subjects. The dissertation must be submitted not later than the first Monday of the third term of the final year (if on a topic relating to Sociology or combining Sociology and the History of Art). Students will be encouraged to do their dissertation on a subject which links their work in the two disciplines.

With the permission of the Head of the Department of Social Policy and Sociology, candidates may substitute essays for one or two of the sociology papers in the whole final examination (Part I and Part II). For each paper *either* one essay of 6,000–8,000 words *or* three essays of 2,000–3,000 words will be required. Candidates who wish to be examined in this way must apply to the Head of the Department of Social Policy and Sociology not later than the last day of the first term of the final year. Essays replacing each paper must be submitted as follows:

In the case of one essay:
Not later than the first day of the third term.

In the case of three essays:
The *first* not later than the first day of the second term.
The *second* not later than the first day of the third term.
The *third* not later than two weeks before the start of the May–June examinations.

In addition candidates may be required to present themselves for an oral examination.

Sociology and History of Scientific Thought

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

FIRST-YEAR EXAMINATION

1. Sociology: As for first-year examination 2 for Economics and Sociology
2. History and Philosophy of Science: As first-year examination 2 for History of Art and History of Scientific Thought
3. Papers in accordance with the regulations for the first-year examination in a third subject chosen with the approval of the Head of the Department of Social Policy and Sociology and the Chairman of the Division of the History and Philosophy of Science.

* Not all optional courses listed will necessarily be available in any one year.

SECOND YEAR: PART I FINAL EXAMINATION

At the end of the second year candidates will present themselves for the Part I examination and must satisfy the examiners before proceeding to further study. A candidate who does not satisfy the examiners at the first attempt will not thereafter be eligible for the award of the degree with honours.

1. Sociology: *Two* papers as follows:
   (a) Social Processes and Institutions I
   (b) Social Processes and Institutions II
2. History and Philosophy of Science: *Two* papers as follows:
   (a) Topics in the History of scientific thought: one 3-hour paper on two topics prescribed by the Chairman of the Division of the History and Philosophy of Science from the following areas:
      Science and theology
      Science and society
      History of the biological sciences
      History of the physical sciences
   (b) Philosophy of science I and Methods and problems in historiography I.

THIRD YEAR: PART II FINAL EXAMINATION

1. Philosophy of science

With the approval of the Chairman of the Division of the History and Philosophy of Science this subject may be examined by two essays (each of approximately 4,000 words) to be submitted by the first Monday of the third term of the final year.

2. Methods and problems in historiography II
3. Approaches to sociological theory
4. Sociology of science*
5. A *dissertation* of the order of 8,000–10,000 words chosen in consultation with the Head of the Department of Social Policy and Sociology and the Chairman of the Division of the History and Philosophy of Science to be presented by the first Monday of the third term of the final year. (A student may, with the permission of the Head of the Department and Chairman of the Division, choose another taught course from those available in the two areas of study.)

With the permission of the Head of the Department of Social Policy and Sociology, candidates may substitute essays for one or two of the sociology papers in the whole final examination (Part I and Part II). For each paper *either* one essay of 6,000–8,000 words *or* three essays of 2,000–3,000 words will be required. Candidates who wish to be examined in this way must apply to the Head of the Department of Social Policy and Sociology not later than the last day of the first term of the final year. Essays replacing each paper must be submitted as follows:

In the case of one essay:
   Not later than the first day of the third term.
In the case of three essays:
   The *first* not later than the first day of the second term.
   The *second* not later than the first day of the third term.
   The *third* not later than two weeks before the start of the May–June examinations.

* In exceptional cases, with the permission of the Head of the Department of Social Policy and Sociology another subject may be examined.

Sociology and Theology

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

FIRST-YEAR EXAMINATION

1. Sociology: As first-year examination 2 for Economics and Sociology
2. Theology: As first-year examination 2 for Arabic and Theology

And one from the following subjects:

3. Economics: As first-year examination 1 for Economic History and Geography
4. Geography: As first-year examination 2 for Economic History and Geography
5. Politics: As first-year examination 2 for Economics and Politics
6. Philosophy: As first-year examination 4 for Economics and Politics
7. Psychology: As first-year examination 6 for Philosophy and Politics
8. Another subject approved by the Heads of the two Departments.

SECOND YEAR: PART I FINAL EXAMINATION

At the end of the second year candidates will present themselves for the Part I examination and must satisfy the examiners before proceeding to further study. A candidate who does not satisfy the examiners at the first attempt will not thereafter be eligible for the award of the degree with honours.

1. Social Processes and Institutions I
2. Social Processes and Institutions II
3. New Testament

THIRD YEAR: PART II FINAL EXAMINATION

1. Approaches to Sociological Theory
2. Another course taught in the field of sociology
3. Christian Theology
4. Old Testament II C or Church History
5. Any other course currently taught in the Department of Theology and Religious Studies
6. *Either* a long essay (not more than 10,000 words) chosen on a subject in Theology with the approval of the Head of the Department of Theology and Religious Studies *or* a further paper in Sociology.

With the permission of the Head of the Department of Social Policy and Sociology candidates may substitute essays for one or two of the sociology papers in the whole final examination (Part I and Part II). For each paper *either* one essay of 6,000–8,000 words *or* three essays of 2,000–3,000 words will be required. Candidates who wish to be examined in this way must apply to the Head of the Department of Social Policy and Sociology not later than the last day of the first term of the final year. Essays replacing each paper must be submitted as follows:

In the case of one essay:

Not later than the first day of the third term.

In the case of three essays:

The *first* not later than the first day of the second term.
The *second* not later than the first day of the third term.
The *third* not later than two weeks before the start of the May–June examinations.

Spanish and History of Art

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Spanish at A level.

PERIOD ABROAD AND FIELD TRIP

Candidates will normally be required to spend the third year of study in Spain, and to study and write a report on works of art in their setting.

In the long vacation at the end of the first or second year candidates must, under the direction of the Head of the Department of Fine Art, spend not less than three weeks in London, or at approved centres in Great Britain, studying original works of art. Candidates must submit satisfactory evidence of the thoroughness of this study. The cost of such study or classes and/or residence abroad is not included in the normal fee for an arts scheme.

FIRST-YEAR EXAMINATION

1. History of Art: As first-year examination 2 for English and the History of Art
2. Spanish: As first-year examination 2 for Arabic and Spanish
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. The history of Spain to *c.* 1700 (2-hour paper; half-paper equivalent)*
2. Spanish literature to *c.* 1700 (2-hour paper; half-paper equivalent).*

In addition students will attend fortnightly seminars and will present two essays of some 2,000 words each on prescribed topics. The marks obtained for these essays will be incorporated in the second-year examination results. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

PART II FINAL EXAMINATION

1-3. As final examination 3-5 for English and the History of Art
4-5. Any two papers selected from the final year examination papers 3-6 for Spanish
6-7. As final examination 5-6 for Arabic and Spanish.
An oral examination in Spanish.

Candidates may also be required to present themselves for an oral examination in the history of art.

In addition, candidates will be required to present by 1 December in their final year an essay of some 8,000–10,000 words within the fields of Spanish or the History of Art or combining both.

Students will also be required to present prescribed essays on topics related to their chosen courses in Spanish and the marks obtained will be incorporated in the examination result. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

* To be taken in March of the second year.

Spanish Language and Literature*

Four years including a year spent abroad.

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Spanish at A level.

SCHEME OF STUDY

First Year

1. Spanish language: practical classes, including conversation, grammar, translation, composition, précis, linguistic commentary, and other exercises.
2. Introduction to the study of language and Romance philology.
3. Contemporary Spanish history, politics and institutions

And the following one-term courses:

4. Spanish phonetics
5. Modern Spanish literature
6. Modern Spanish-American literature
7. Modern Spanish art and film
8. Latin-American geography.
9. Modern Latin-American history

In addition students will attend essay tutorials and seminars during the year and the work done for these will be taken into account. Candidates will also take a subsidiary subject, which will be continued in the second and final years, the choice of subsidiary subject to be approved by the Head of the Department.

Second Year

Spanish language
The history of Spain and of colonial Latin America to *c.* 1700
Spanish literature to *c.* 1700
Continuation of a subsidiary subject.

In addition students will attend weekly seminars and will present four essays of some 2,000 words each on prescribed topics. The marks obtained for these essays will be incorporated in the second-year examination results. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay. Second-year examinations in Spanish are held in March. Also in March of the second year an examination may be held in the subsidiary subject.

RESIDENCE ABROAD

Students taking a modern foreign language as their subsidiary subject will normally be required to spend the third term of the second year studying at an approved institution in a country where the language is spoken. Students who are unable to spend the third term of the second year in this manner will be required before the commencement of their final year to spend at least one month at an approved vacation course in the country where the subsidiary language is spoken. Such students, and students not taking a modern language as their subsidiary subject, will spend the third term of the second year following courses in the University of Leeds.

Students will be required to spend the third year of study in a Spanish-speaking country before returning to Leeds for their final year. Wherever possible arrangements will be made for students to take a post as English-speaking assistants in a Spanish educational institution. When such a post cannot be found, students will be required to follow an

* The title of this degree will include the name of the subsidiary subject which has been read throughout the scheme of study.

approved course of study of one academic year at a university in Spain or a Spanish-American country.

During the year abroad students may elect to write a dissertation of some 10,000 words on a topic of language, literature, history, or civilization, the subject of the dissertation to be approved by the Head of the Department. The dissertation will be offered in lieu of one final-year course. The decision to present the dissertation must be made not later than 15 October of the final session and the closing date for its presentation will be 15 January of that session.

The cost of residence abroad is not included in the matriculation fee for an arts scheme.

Final Year

1. Spanish language
2. Four final-year courses (see below under examinations)
3. Continuation of the subsidiary subject.

The final examination in the subsidiary subject will be regarded as the equivalent of two three-hour papers and the results obtained will be taken into account on this basis when considering the result of the final degree examination.

In addition students will be required to present prescribed essays on topics related to their chosen courses and the marks obtained will be incorporated in the examination result. Failure to present a prescribed essay by the specified date will result in a mark of zero being awarded for that particular essay.

EXAMINATIONS

FIRST-YEAR EXAMINATION

1. Spanish language I
2. Spanish language II (1½-hour paper)
3. Introduction to the study of language, Romance philology and Spanish phonetics
4. Contemporary Spanish history, politics and institutions
5. Modern Spanish and Spanish-American literature
6. Modern Latin-American history and geography
7. The prescribed examination in the subsidiary subject

FINAL EXAMINATION

PART I

1. The history of Spain and of colonial Latin America to *c.* 1700†
2. Spanish literature to *c.* 1700 *
3. The prescribed examination in the subsidiary subject

PART II

1. Translation into Spanish
2. Translation from Spanish and essay in Spanish

3-6. *Four* of the following:

(a) Spanish in an economic and business context
(b) A selected period in Spanish history and civilization
(c) Latin-American geography
(d) Early Galician lyric poetry
(e) Literature as journey in Golden Age Spain
(f) The modern Spanish novel, 1870–1936
(g) Modern Spanish poetry, 1900–1936
(h) The Spanish-American contemporary novel

* To be taken in March of the second year.

(i) The Civil War in Spanish literature
(j) Spain under Franco, 1936–1975
(k) A dissertation of 10,000 words subject to the conditions stated above.
(Not all of these courses may be available in any given year.)

7. The prescribed examination in the subsidiary subject.

In addition to the written examinations there will be an oral examination which will carry the same marks as one written paper.

SPANISH AS A SUBSIDIARY SUBJECT

Students taking Spanish as a subsidiary subject in other single-subject schemes will be required to take language and literature courses in all years. The qualifying examination at the end of the first year will consist of two 3-hour papers and an oral examination. The final examination, taken in two parts, at the end of the second and the final years, will consist of four 3-hour papers and an oral examination. For details of prescribed courses, examinations and residence abroad see under courses, Spanish, pages 372–373.

SPANISH IIIX

See under courses, Spanish, page 373.

Textile Design

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels, including Art at A level; GCSE level science subject. BTEC qualifications considered.

SCHEME OF STUDY

First Year
History of Art 1
Textile technology D1
Textile design 1

One of the following:
General economics 1
Management studies A1
An approved modern language
Any other approved subject

Second Year
History of Art 2
Textile technology D2
Textile design 2

Third Year
Textile technology D3
Textile design 3
Candidates shall also be required to submit a thesis based on original work in textile design, or a portfolio of original textile designs.

EXAMINATIONS

A qualifying examination in the subjects in which courses have been prescribed in the first year will be held at the end of the first year and must normally be passed by candidates before they proceed to further study.

At the end of the second year candidates will be examined in History of Art
An assessment will be made of work completed in Textile design 2.
Candidates must normally obtain a satisfactory standard in these examinations before they proceed to further study. In addition, an examination in Textile technology D2 will be held at the end of the second year and the results obtained will be taken into numerical account in considering the results of the final examinations.

At the end of the third year candidates will take the final examinations as follows:
Dyeing and textile finishing (one paper)
Woven structure, knitting and clothing technology (one paper)
Printed textiles and textile design management (one paper)
In addition, candidates may be required to present themselves for an oral examination.
Marks will be awarded for practical work carried out in Textile Design 3 and for the thesis or portfolio work.
The candidate's performance in the subjects taken outside the Department of Textile Industries may be taken into account.

Textile Management

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels; GCSE level Mathematics.

SCHEME OF STUDY

First Year
Management studies TM1
Textile management 1A
Textile technology M1
An approved course, e.g. economics, or an approved modern foreign language.

Second Year
Management studies TM2
Textile management 2A
Textile technology M2

*Third Year**
Management studies TM3(1)
Either Management studies TM3(2) *or* Textile technology M3(2)
Textile management 3A
Textile technology M3(1)
Candidates shall submit by the first week of the third term of the final year, a thesis of not more than 10,000 words based on original work in textile management or textile technology.

EXAMINATIONS

A qualifying examination in the subject in which courses have been prescribed for the first year will be held at the end of the first year and must normally be passed by candidates before they proceed to further study.

At the end of the second year, candidates will be examined in:
Management studies TM2 and Textile management 2A

* In their third year, candidates will take *either* one of the special subjects in Management studies TM3(2) *or* Textile technology M3(2). The selection of options in Textile technology M3(1) and Textile technology M3(2) must be approved by the Head of the Department of Textile Industries.

Candidates must normally obtain a satisfactory standard in these examinations before they proceed to further study. In addition, an examination in Textile technology M2 will be held at the end of the second year and the results obtained will be taken into numerical account in considering the results of the final examinations.

At the end of the third year, candidates will take the examinations as follows:
Management studies TM3(1)
Dyeing and textile finishing (one paper)
Textile management (one paper)
Thesis in textile management or textile technology
Textile technology (one 1½-hour paper)
and *Either* Management studies TM3(2) (one paper)
or Textile technology M3(2) (one paper)
In addition, candidates may be required to present themselves for an oral examination.

Theology and History of Art

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels.

FIELD TRIP

As under field trip for English and the History of Art.

FIRST-YEAR EXAMINATION

1. Theology: As first-year examination 2 for Arabic and Theology
2. History of Art: As first-year examination 2 for English and the History of Art
3. One other approved subject.

FINAL EXAMINATION

1-4. As final examination 5-8 for Arabic and Theology
5-7. As final examination 3-5 for English and the History of Art
8. Candidates will be required to submit an essay of 8,000–10,000 words on a topic which may relate to Theology or to the History of Art or may combine both subjects. The title must be submitted to the Heads of the two Departments for approval at the beginning of the third year of the scheme and the essay must be submitted by 1 May.
In addition, candidates may be required to present themselves for an oral examination.

Theology and History of Scientific Thought

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels.

FIRST-YEAR EXAMINATION

1. Theology: As first-year examination 2 for Arabic and Theology
2. History of Scientific Thought: As first-year examination 2 for History of Art and History of Scientific Thought
3. One other approved subject.

SECOND YEAR: PART I FINAL EXAMINATION

1. Topics in the history of scientific thought: one 3-hour paper on two topics prescribed by

the Chairman of the Division of the History and Philosophy of Science from the following areas:*

Science and theology
Science and society
History of the biological sciences
History of the physical sciences

2. Philosophy of science I and Methods and problems in historiography I

THIRD YEAR: PART II FINAL EXAMINATION

1-4. As final examination 5-8 for Arabic and Theology
5-6. As final examination 5-6 for Religious Studies and the History of Scientific Thought
7. An essay of not more than 10,000 words on a subject which may relate to theology, history of scientific thought or some topic linking these subjects. The title should be submitted to the Heads of the Department of Theology and Religious Studies and the Division of the History and Philosophy of Science for approval at the end of the second year, and the essay must be submitted by the first day of the third term of the final year. With the approval of the Heads of the Department of Theology and Religious Studies and the Division of the History and Philosophy of Science, candidates may, not later than the end of the second year, elect to be examined by means of a special 3-hour paper instead of the extended essay. Candidates may be required to present themselves for an oral examination.

Theology and Religious Studies

COURSE REQUIREMENT

Normally three A levels or two A levels with two AS levels. A knowledge of Greek and Hebrew is not required for admission to the scheme.

FIRST-YEAR EXAMINATION

1. Introduction to the Christian tradition (2-hour paper)
2. Introduction to religious studies (2-hour paper)
3. Introduction to biblical studies (2-hour paper)
4. New Testament Greek
5. *Either* Biblical Hebrew
   or an alternative subject chosen with the approval of the Head of the Department.

In addition, prescribed essays written in relation to seminars and courses will be taken into account.

SECOND YEAR: PART I FINAL EXAMINATION

At the end of the second year candidates will present themselves for the Part I examination which will consist of:

1. *Either* Old Testament IIA with Hebrew (for students who have taken a first-year course in Hebrew)
   (a) Prescribed texts in Hebrew
   (b) The literature, history and religion of Israel to A.D. 70.
   Old Testament IIB with Hebrew (for students beginning Hebrew in their second year)
   The grammar of Old Testament Hebrew with selected text and an introduction to Old Testament Hebrew theological terms.
   (Students who take IIB in the second year will normally be required to take an Old Testament course in the third year)

* Courses in these areas will be taught in rotation over a two-year cycle.

or Old Testament IIC without Hebrew
(a) Prescribed texts in English
(b) The literature, history and religion of Israel to A.D. 70.

2. New Testament II
(a) Introduction to New Testament literature
(b) Prescribed text in Greek.

THIRD YEAR: PART II FINAL EXAMINATION

1. Christian theology
2. Church history
3. *Either* (a) Islam
or (b) *either* Hinduism and Buddhism *or* Hinduism and Sikhism
4. One of the following:
(a) Philosophy of religion
(b) *Either* Selected topics in the comparative study of religions
or Sociology of religion
(c) *Either* Old Testament IIIA: The study of a special topic with texts in Hebrew or Greek
or Old Testament IIIB
This is open only to those who have taken Old Testament IIB and is the same as Old Testament IIA above
or New Testament III: The study of selected texts in Greek.
5. Two of the following optional subjects:*
(a) Textual criticism of the Greek New Testament
(b) Pauline and Johannine Christianity
(c) The synoptic problem
(d) The church and the Jewish people
(e) Politics and Christian thought
(f) The theology and practice of mission in the twentieth century
(g) Popular medieval religion
(h) Religions of ethnic minorities in Britain
(i) A selected theologian, eg Augustine, Luther, Barth, Bonhoeffer
(j) Theology and science
(k) African traditional religion
(l) Christianity in Africa
(m) A subject offered with the approval of the Head of the Department.

At the direction of the Head of the Department of Theology and Religious Studies optional subjects may be examined either by a 3-hour paper or by assessment of one to three essays totalling not more than 10,000 words *or* by a 2-hour paper and an essay of 4,000–5,000 words. Essays must be submitted not later than the first day of the third term of the final year.

6. An essay of not more than 10,000 words on a subject to be approved by the Head of the Department. This essay must be submitted not later than the first day of the third term of the final year.

* Not all these subjects will necessarily be offered every year, and approved courses may be added from time to time.

Prescribed Schemes of Study and Examination for the Degree of Master of Arts

American Literature, *see page* 257

Anglo-German Literary Relations

Applicants for the full-time or part-time scheme of advanced study leading to the degree of Master of Arts normally hold a good honours degree in German, or in a combination of subjects of which German forms a substantial part. The course will consist of lectures and seminars extending over one academic year for full-time students and over two academic years for part-time students. Part-time students will be required to attend in each year half the number of lectures and seminars taken by full-time students.

The course will cover aspects of Anglo-German literary relations from the eighteenth century to the present day. Tuition will be in the form of lectures, seminars and tutorials in textual analysis.

Full-time candidates admitted to the scheme will be examined as follows:
1. Anglo-German literary relations in the eighteenth century (3 hours)
2. Anglo-German literary relations since the eighteenth century (3 hours)
3. A language paper covering the theory and practice of literary translation and stylistic influence (3 hours)
4. A dissertation of 8,000–10,000 words on a topic approved by the Head of the Department, to be submitted by 30 September
5. If required by the examiners, candidates may be called to an oral examination.

Part-time candidates will be examined as follows:

I Part I at the end of the first year, consisting of
- i Either 1 or 2 above
- ii A language paper (2 hours; half-paper equivalent) based on the first half of 3 above.

II Part II at the end of the second year
- i Either 1 or 2 above
- ii A language paper (2 hours; half-paper equivalent) based on the second half of 3 above
- iii Dissertation of 8,000–10,000 words on a topic approved by the Head of the Department, to be submitted by 30 September.

Part-time candidates will normally be required to pass the examinations at the end of the first year of study before proceeding to the second year.

Applied Social Studies*

Arabic

The scheme of full-time study leading to the degree of Master of Arts by examination in Arabic will extend over one calendar year starting in October. Applicants will normally be expected to have a good honours degree in Arabic.

* In abeyance. For the scheme of study see *Calendar*, 1978-79, page C219.

Candidates admitted to the scheme will have to attend:
1. Two courses on the following topics:
   (a) Modern Arabic language and style
   (b) Themes and trends in modern Arabic literature.
2. One course from the following:*
   (a) Introduction to the Semitic languages
   (b) Introduction to the Arabic dialect study
   (c) Selected texts in modern Arabic
   (d) Selected texts in classical Arabic
   (e) Introduction to Islamic art.

Candidates may be required to attend a course, or courses, in other Schools or Departments regarded as necessary for their studies. Any such course, or courses, should be approved by the Heads of both Departments concerned, and will normally be in lieu of one or more of the courses offered by the Department of Modern Arabic Studies.

The scheme of examinations will be as follows:
1. Three papers based on the courses studied
2. A dissertation of 10,000–15,000 words on a subject approved by the Head of the Department
3. An oral examination (if required by the examiners). The oral examination will normally be conducted in Arabic.

The examinations will normally be taken in September. In exceptional cases and with the permission of the Head of the Department, one of the written papers may be replaced by an extended essay of up to 10,000 words.

Bibliography, Publishing and Textual Studies, *see page* 258

British Government

The scheme of advanced study leading to the degree of Master of Arts in British Government will start in October and extend over one calendar year for full-time students and over two calendar years for part-time students. Candidates will normally be graduates with a good honours degree in politics or another subject in which the study of politics formed a substantial part.

Part-time candidates will be required to attend for weekly tuition during weekday evenings over two academic years of 30 weeks each.

All candidates will be required to take the following courses of study:
1. British government and politics since 1900
2. British government and public administration.

Part-time candidates will take one course in each of their two years of study, in a sequence to be determined by the Head of the Department of Politics.

The scheme of examination will be as follows:
1. Three essays of 2,500–3,000 words each in each of the prescribed courses.
2. A dissertation of approximately 10,000 words on a subject approved by the Head of the Department
3. An oral examination if required by the examiners.

Candidates must normally submit the required essays for each course not later than 1 September of the year in which the courses are taken. Part-time candidates must

* Not all these courses will necessarily be available in any one year and new approved courses may be added from time to time.

normally pass the examination in their first-year course before being permitted to proceed to the second year. All candidates must submit their dissertation for examination not later than 1 September in their final year of study.

British History

Applicants for the part-time or full-time scheme of study leading to the degree of Master of Arts in British History must have a good first degree. Studies will normally extend for full-time students over one calendar year and for part-time students over two calendar years. Candidates will be required to attend three courses in British history: one, The making of the English landscape, will be compulsory; the other two courses will be selected from a list of options (not all of which will necessarily be available in any one year). Candidates will also have an opportunity to attend postgraduate courses in palaeography and historical methods; these courses have to be taught in normal hours and will be freely available to full-time students and also to such part-time students as are able to attend them.

Part-time candidates are expected to attend lectures, seminars and tutorials for a minimum of four hours per week over an academic year of 25 weeks. In addition, all candidates will be expected to consult individually with their tutors. Written work will be required at regular intervals in the compulsory course and in the two optional courses.
Candidates will be required to attend the following courses:

1. The making of the English landscape

2 & 3. *Two* optional courses selected from:

(a) The age of Arthur (A.D. 400–600)
(b) The English merchants, 1200–1500
(c) The history of Yorkshire (from later medieval to modern times)
(d) Medieval chronicles and historical literature
(e) Government finance and policy in the sixteenth and early seventeenth centuries
(f) Restoration and revolution, 1660–1714
(g) Education in society, 1780–1870
(h) Religion and politics in the nineteenth century
(i) British foreign policy in the nineteenth and twentieth centuries

The scheme of examination will be as follows: a written examination in the compulsory course and in one option; an assessment of course work or, if the candidate so chooses, a written examination in the second option; a research exercise, consisting of a dissertation of between 10,000–15,000 words in length, normally based upon printed original sources and written on a topic to be chosen with the approval of the Chairman of the School of History; and an oral examination, if required by the examiners. Full-time candidates will take the written papers in May/June and will be required to submit the dissertation by 30 September. Part-time candidates will be examined in two courses at the end of the first academic year (i.e. in May/June after admission) and in the remaining course in May/June of the following year; part-time candidates will be required to submit the dissertation no later than 30 September in the second year.

Classical Civilization

Studies will normally extend over one academic year full-time.

Candidates will normally be expected *either* to have taken Greek or Latin language as part of their degree *or*, before entering on the course, to pass a 3-hour paper consisting of prepared and unprepared translation from Greek or Latin. Candidates who do not satisfy either of the above requirements may be admitted to the course but will be required (a) to pursue their studies for not less than one calendar year, (b) to pursue a language course in either Greek or Latin and to pass a 3-hour examination in it within nine months of the start of the course.

EXAMINATIONS

1. Greek literature *or* Latin literature *or* Greek and Latin literature (3 hours)
2-3. Two 3-hour papers on Greek *or* Roman *or* Greek and Roman topics chosen from *two* of the following:
   (a) History
   (b) Philosophy
   (c) Art
   (d) Archaeology
   (e) Literature
   (f) Another approved aspect of classical civilization
4. An essay of 8,000–10,000 words on a subject approved by the Chairman of the School of Classics to be submitted by not later than 1 May
5. An oral examination if required by the examiners.

Development Studies

The scheme of advanced full-time study leading to the degree of Master of Arts in Development Studies is offered by the Faculty of Economic and Social Studies and will extend over one calendar year, beginning in October. Students may also be admitted to a part-time scheme of study which will extend over two calendar years. Candidates will normally be graduates with a good honours degree or equivalent in a social science discipline. Experience of problems of developing countries will also be an advantage, and may exceptionally constitute an alternative basis for admission.

Candidates admitted to the scheme will undertake the following scheme of study:
1. A core course: 'Development Issues and Strategies'
2. *Two* option courses, to be chosen with the approval of the Director of Studies, from the following:

Optional Courses
Project Appraisal
Administration in Education for Developing Countries
Infrastructural Planning and Engineering
Political Sociology of Development
Public Enterprise Management
Health, Development and Underdevelopment
Labour and Industrial Relations in the Third World
Economic Forecasting
Quantitative Methods
Business, State and World Economy
Spatial Population Analysis
Land Resource Studies
Rural Development
Business Finance and Finance Management
Energy Resource Studies
Women and Development

(This list may be varied from time to time. Not all options will necessarily be available in any one year.)

With the approval of the Head of the appropriate Department and the Director of Studies, candidates may be permitted to undertake a relevant course or courses from other Masters degree schemes.

EXAMINATION will be as follows:

1. Core Course: 1 paper of 3 hours
   2 term essays

2. Options
3. A dissertation, of approximately 10,000 words or equivalent in length on a topic chosen with the approval of the Director of Studies.

Options will be examined in a variety of ways, eg by a combination of long essays, coursework, examination papers, as presented by the Faculty of Economic and Social Studies.

For full-time students, examination for 1 and 2 will be in June; for 3, 15 September. Part-time students will be examined in the core course and one option in the September of the first year, and in the second option and dissertation by 15 September of the following year. Part-time students must pass the first-year examination before proceeding to the second year. In exceptional circumstances candidates may, with the prior permission of the director of studies, be permitted to submit the required dissertation not more than three months after 15 September.

Economics (part-time)

This scheme of advanced part-time study leading to the degree of Master of Arts will extend over two academic years, starting in October. Candidates are expected to have a good honours degree in economics, or to provide other evidence of a similar level of knowledge. The scheme is offered in association with the Department of Economics, Trinity and All Saints Colleges, which will be responsible primarily for teaching the options in Economics Education.

Candidates admitted to the scheme will take two core courses of lectures leading to examinations; one optional course which may be assessed either by examination or by coursework, depending on the option chosen; and a dissertation. The scheme will require attendance for weekly tuition, during weekday evenings, of on average 3 hours per week over a 20-week period in each year. Regular submission of written work will be required on the taught courses, and tutorial consultation on the dissertation. The dissertation shall be of not more than 12,500 words, on a topic approved by the examiners, and submitted by the end of the prescribed period of study. An oral examination may also be required by the examiners.

First Year
1. Topics in advanced economic analysis
2. Optional course, chosen from:
   (a) Economics education
   (b) Courses available on other Master's degree schemes offered by the School of Economic Studies

Second Year
3. Contemporary economic issues
4. Dissertation.

Courses taken in the first year will be assessed by the end of that year; candidates will have to satisfy the examiners in these assessments before being permitted to proceed to the second year of study.

Economic Studies

The schemes of advanced full-time study leading to the degree of Master of Arts by examination in subjects within the School of Economic Studies will extend over one academic year, starting in October, with the exception of economic history, economic statistics and transport economics which extend over one calendar year. It is expected that

candidates taking the specialist fields, economic statistics, economic development, transport economics and labour economics will be graduates in economics, while candidates taking economic history will be graduates in economic history, or have followed degree schemes with substantial economic history content. Other graduates with approved qualifications and substantial professional experience may be admitted but will normally be required to study for a preliminary year and to pass a qualifying examination at the end of that year. The schemes of part-time study will normally extend over two calendar years.

Candidates admitted to the scheme will take courses of lectures in one of the following specialist fields leading to an examination in each course as indicated (at the discretion of the examiners, an oral examination may be included). In economic statistics, there is also a course project; in transport economics, a course project and other course work; and in economic history, a dissertation. The last day for the submission of a dissertation or project report will normally be at the end of the period of prescribed study. In exceptional circumstances this may be extended by not more than three months with the prior permission of the director of the course.

Part-time candidates are expected to follow the lecture courses provided for full-time students as well as workshops and seminars appropriate to the course; they will submit written work at regular intervals, and consult individually with their tutors.

Part-time candidates are required to satisfy the examiners in a written examination on their first-year work before being allowed to proceed to the second year of the course.

Economic Statistics

Advanced economic theory (one paper)
Three special courses in economic statistics (three papers)
A course project

Economic Development*

Advanced economic theory (one paper)
†Methodology of economic development (one paper)
Two special courses in economic development (two papers)

Transport Economics

Advanced economic theory (one paper)
Three special courses in transport economics (three papers)
A course project

Labour Economics*

Advanced economic theory (one paper)
†Methodology of labour economics (one paper)
Two special courses in labour economics (two papers)

Economic History

Economic theory (one paper)
†Methodology of economic history (one paper)
Two special courses or periods in economic history (two papers)
A dissertation of 10,000–12,000 words related to one of the special periods or courses, normally to be completed during the long vacation.

* In abeyance.

† Alternatively, at the discretion of the Chairman of the School of Economic Studies, the written paper may be replaced by an extended essay on an approved subject.

Educational Theatre

The scheme of advanced study leading to the degree of Master of Arts (Collegiate) in Educational Theatre will normally extend over twenty-seven months starting in July. The scheme is offered by Bretton Hall College, an institution affiliated to the University under the provisions of article 8(b) of Ordinance 1.

Applicants will normally be expected to have a good honours degree or equivalent qualification in an appropriate subject together with relevant educational or professional experience. Consideration will also be given to the admission of applicants with substantial educational or professional experience relevant to advanced studies in educational theatre: such applicants may be required to pursue their studies over 39 months in order to take preparatory and other work as deemed necessary by the College in consultation with the University.

Candidates admitted to the scheme will be required to attend and be in residence in the College for at least three four-week summer schools held in July and six weekend schools (one per term) during their studies. In addition to attending the College for summer and weekend residential schools, all candidates must submit work in a form to be determined by the College, on at least a termly basis.

Candidates may, with the approval of the College, elect to fulfil part of the requirement for attendance at their second summer school through attending approved courses at New York University for a three-week period; candidates choosing this option will also be required to attend the College for the fourth week of the summer school held that year.

Each candidate will be required to pursue the following course study units:
1. Unit 1 — Theory and Practice of Educational Theatre (commenced during the first summer school and assessed in the final summer school);
2. Unit 2 — Critical Examination of Educational Theatre in Two Contrasting Contexts (normally commenced during the first summer school and assessed at the second summer school);
3. Unit 3 — An individual project arising from the study in Unit 2 (commenced normally during the second summer school and assessed at the final summer school);
4. Unit 4 — Research Project in an area selected with the approval of the College (commenced normally during the first summer school and assessed in September at the end of studies)

Assessment
Each candidate is required to submit work for assessment in the following forms:

Unit 1: an essay of approximately 6,000 words on 'Towards a philosophy of Educational Theatre' (to be submitted during the final summer school);
Unit 2: a ½ hour lecture-demonstration, the text of which must also be submitted separately, communicating the candidate's findings (normally to be presented at the second summer school);
Unit 3: a video-recording and programme booklet, reporting and evaluating critically the material collected and its presentation (to be presented at the final summer school);
Unit 4: a dissertation of approximately 15,000 words to be submitted by 1 September of the final year of studies.
Candidates will also be required to attend a *viva voce* examination which will be held not later than 1 December following the completion of studies.
To be eligible for the award of the degree of MA (Collegiate) candidates must achieve *both*
(a) an overall pass in the assessment of Units 1, 2 and 3: in appropriate circumstances compensation for failure in one unit may be permitted by the examiners if a high standard of performance is achieved in the other two units; *and*
(b) a pass in both Unit 4 and the *viva voce* examination.

Education and Local History

The scheme of advanced study leading to the degree of Master of Arts by examination in Education and Local History is offered in both full and part-time modes, normally extending over one and two calendar years respectively, starting in October.

Applicants will normally be expected to have a good honours degree and a graduate certificate in education of an approved university.

Students will follow courses in:
1. History of Yorkshire
2. The sources of English local history and their uses
3. Education in society from 1780

Students on the part-time scheme will follow two of the three courses detailed above in the first year of study. In the second year, they will follow the third course and prepare the research exercise/extended essay.

The scheme of examination will be as follows:
1. History of Yorkshire – a 3-hour written examination paper
2. The sources of English local history and their uses – 2 extended essays of 5,000 words each on sources
3. Education in society from 1780 – a 3-hour written examination paper and an assessed essay of 2,000–3,000 words
4. A research exercise or extended essay of 10,000–15,000 words on a topic to be chosen in consultation with the Chairman of the School of Education and the Chairman of the School of History. Full-time students will normally be required to submit the research exercise/extended essay by 30 September. Part-time students will normally be required to submit the research exercise/extended essay by 30 September of the second year of study.
5. An oral examination (if required by the examiners).

Students following the part-time scheme will be examined in both the first and second years in the courses followed in each year as appropriate.

English

American Literature

The scheme of advanced full-time study leading to the degree of Master of Arts by examination will normally extend for one academic year starting in October. Applicants will be expected to have a good honours degree in English or in a two-subject degree with English or in a relevant subject. Some knowledge of American literature will be an advantage, but it is not a pre-requisite.

Candidates will be required to take three postgraduate courses. Two of these must be in American literature. A third course will be chosen either from American literature in years when more than two specialised American courses are available, or with the approval of the Chairman of the School of English from other postgraduate courses available in English literature, Commonwealth literature, Bibliography, Publishing and Textual Studies. At least two of the following courses will be available in any given year:
1. Romanticism to Realism (six authors such as Poe, Hawthorne, Crane; Hemingway, Fitzgerald, Faulkner)
2. Nineteenth- and twentieth-century American poetry
3. American drama
4. The American short story
5. Special topic (e.g., The Civil War in American literature)

The scheme of examination will be as follows:
Three written papers covering the year's work
A research exercise (12,000–15,000 words) on some approved topic in the field of American literature (normally submitted not later than 15 May)
An oral examination (if required by the examiners)
Coursework is required and may be taken into account in assessing the examination result.

Bibliography, Publishing and Textual Studies

A scheme of advanced full-time study leading to the degree of Master of Arts. Studies will normally extend for one calendar year starting in October. Applicants will normally be expected to have a good honours degree or equivalent in English or a relevant subject.

Students will be required to attend a course of advanced study consisting of:*
1. The history of the book and publishing history
2. Textual editing: theory and practice
3. Analytical and descriptive bibliography, palaeography and research techniques
4. Specified practical work (printing, book-binding, paper-making)
5. Minor research exercise of 12,000–15,000 words (normally to be submitted not later than 15 May)
6. Students will normally be required to complete a six-week project in the use of the computer for enumerative bibliography at the ESTC Centre in the British Library or an equivalent project in another institution (a short project report to be submitted by 1 September).

The examination will consist of three written papers,† the specified practical work, an assessment of the research exercise, the project work, and an oral examination if required by the examiners. Coursework may be taken into account in assessing the examination result.

Commonwealth Literature

The scheme of advanced full-time study leading to the degree of Master of Arts by examination will normally extend for one academic year starting in October. Applicants will be expected to have a good honours degree in English or in a two-subject degree with English or in a relevant subject. Some knowledge of Commonwealth literature will be an advantage, but it is not a pre-requisite.

Candidates will normally be required to take three postgraduate courses in Commonwealth literature. In exceptional circumstances, and with the approval of the Chairman of the School of English, candidates may substitute a course from the list of courses offered in the M.A. in English literature for not more than one of the three required courses in Commonwealth literature. At least four of the following courses in Commonwealth literature will be available in any given year:
1. The English Language in the Commonwealth
2. West African Theatre and Drama
3. African and Caribbean Literature: Selected authors (e.g., Achebe, Okigbo, Ngugi, Naipaul, Harris, Brathwaite)
4. Black British and Expatriate Writers in Britain
5. Australian Literature, 1945 to the Present
6. Modernist and Post-Modernist Canadian Writers
7. Selected British and Indian Writers, 1945 to the Present: Re-viewing India

* Other courses may be substituted with the approval of the Board of the Faculties.

† In exceptional cases, and with the permission of the Chairman of the School of English, each of one or more written papers may be replaced by an extended essay.

The scheme of examination will be as follows:
Three written papers covering the year's work
A research exercise (12,000–15,000 words) on some approved topic in the field of Commonwealth literature (normally submitted not later than 15 May)
An oral examination (if required by the examiners)
Coursework is required and may be taken into account in assessing the examination result.

English Language and Medieval Literature

The scheme of advanced full-time study leading to the degree of Master of Arts by examination will normally extend for one calendar year starting in October. Applicants will be expected to have a good honours degree in English or in a two-subject degree with English.

Candidates will be required to take three postgraduate courses within the areas of:
Old English language and literature
Middle English language and literature
Old Icelandic language and literature
The History and Development of the English Language
Courses may be chosen from any one of the areas listed above, or from two or more.

The scheme of examination will be as follows:
Three written papers covering the year's work (taken in May or June)*
A research exercise (12,000–15,000 words) on some approved topic in one of the areas above (normally submitted not later than 1 September)
An oral examination (if required by the examiners)

English Literary Studies: Renaissance to Restoration

The scheme of advanced full-time study leading to the degree of Master of Arts by examination will normally extend for one academic year starting in October. Applicants will be expected to have a good honours degree in English or in a relevant subject. Some knowledge of late-sixteenth and seventeenth-century English literature will be an advantage, but it is not a pre-requisite.

Candidates will be required to take three postgraduate courses in Renaissance and Restoration literature, one of which is a compulsory course on English literature and its contexts, 1588–1688. The other two will be chosen from the following list. At least four of the listed courses will be available in any given year:
1. Donne, Herbert and religious writing, 1590–1640.
2. Political poetry, 1588–1650.
3. Literature and politics in the Civil War.
4. English tragedy of the time of Shakespeare.
5. Ben Jonson and his circle.
6. Some Shakespearean and other Jacobean plays and their Restoration adaptations.
7. Restoration comedy.

Candidates must also submit a research exercise (12,000–15,000 words) on some approved topic in the field of Renaissance and/or Restoration literature.

The scheme of examination will be as follows:
1. Three written papers covering the year's work;
2. A research exercise (normally submitted not later than 15 May);
3. An oral examination (if required by the examiners).
Coursework is required and may be taken into account in assessing the examination result.

* With the permission of the Chairman of the School, one of the written papers may be replaced by three essays of 3,000 words each, to be submitted by 1 May.

English Literature

The scheme of advanced full-time study leading to the degree of Master of Arts by examination will normally extend for one academic year starting in October. Applicants will be expected to have a good honours degree in English or in a two-subject degree with English. The scheme provides an opportunity for candidates to extend as well as deepen their understanding of literature by offering specialised courses in a wide range of periods and fields in English literature as well as in other literatures written in English.

Candidates will be required to take three postgraduate courses. At least two of these courses must be in English literature, chosen from the following list (though not all the options will be necessarily available every year). A third course will be selected from the list of currently available courses in English literature, American literature, and Commonwealth literature.

1. Shakespearean and Jacobean Tragedy
2. Myth, Politics and Ideology in the Masque 1590–1640
3. Bolingbroke to Gibbon: Eighteenth Century Historiography
4. Literature and Politics in the Civil War
5. Restoration Comedy
6. Pope
7. Burke to Arnold: English Moralists
8. Keats and Romanticism
9. The Nineteenth Century Novel
10. Nineteenth and Twentieth Century Drama
11. James, Conrad and Woolf: Post-Realist Fiction
12. Literature and the First World War
13. Novelists of the Thirties
14. Pastoral in Modern American and English Fiction
15. Anglo-Irish literature
16. Textual Criticism: Theory and Practice
17. Chaucer

The scheme of examination will be as follows:
Three written papers covering the year's work
A research exercise (12,000–15,000 words) on some approved topic in the field of English literature (normally submitted not later than 15 May)
An oral examination (if required by the examiners)
Coursework is required and may be taken into account in assessing the examination result.

English Literature and Education

The scheme of advanced full-time study leading to the degree of Master of Arts by examination will normally extend for one academic year starting in October. Applicants will normally be expected to have a good honours degree in English and a graduate certificate in education from an approved institution or to provide other evidence of a similar level of knowledge.

Candidates will be required to take:
1. One course, chosen with the approval of the Chairman of the School of Education, from courses offered in Education;
2. Two courses, chosen with the approval of the Chairman of the School of English, from MA courses offered in English, Commonwealth or American Literature.

The scheme of examination will be as follows:
1. *in Education*: course assessment according to the current arrangements approved for the selected course under the MEd scheme of study

2. *in English Literature*: two written papers covering the year's work. Coursework is required and may be taken into account in assessing the examination
3. A research exercise (12,000–15,000 words) on some approved topic in the field of English Literature or Education, or on an approved topic involving both subjects (normally to be submitted not later than 15 May)
4. An oral examination (if required by the examiners).

Icelandic Studies

The scheme of advanced full-time study leading to the degree of Master of Arts by examination will normally extend for one calendar year starting in October. Applicants will be expected to have some knowledge of Icelandic, and to have a good honours degree in English, or German, or Scandinavian Studies, or in a two-subject degree including one of the above.

Candidates will be required to take three postgraduate courses within the areas of:
Old Icelandic Language and Literature
Modern Icelandic Language and Literature
History and Institutions of Iceland

The scheme of examination will be as follows:
Three written papers covering the year's work (taken in May or June)*
A research exercise (12,000–15,000 words) on some approved topic in Icelandic studies (normally submitted not later than 1 September)
An oral examination (if required by the examiners)

Modern English

Studies will normally extend over one academic year full-time.

Candidates will be required to attend courses in the following:
The structure of present-day English
The English language since 1600
Stylistics.
Candidates will select one further course:
either The English language in the Commonwealth
or with the approval of the Chairman of the School, a relevant course within one of the other M.A. schemes offered by the School of English.

The scheme of examination will be as follows:
Three written papers covering the year's work†
A minor research exercise (normally to be submitted not later than 15 May)
An oral examination (if required by the examiners).

Theatre Studies

Candidates will normally be expected to have made some significant study of drama or theatre during the course of their studies at first degree level.

Studies will normally extend over one academic year full-time.

* With the permission of the Chairman of the School of English, one of the written papers may be replaced by three essays of 3,000 words each, to be submitted by 1 May.

† In exceptional cases, and with the permission of the Chairman of the School of English, one of the written papers may be replaced by an extended essay.

Candidates will be required to attend three courses as detailed below:
1. The theory and practice of performance
2. History of theatre and methods of theatrical analysis.
(Within this course students will select one option from the following, with the approval of the Chairman of the School of English:
African theatre; The development of the English Playhouse 1550–1750; German theatre 1900–33; The medieval theatre; Theatre and society; Drama and theatre in education; Play, opera and ballet as forms of theatre; The uses of theatre. Not all these courses will necessarily be available in each year.)
3. Theatre Practice
(Within this course students will select one option from the following, with the approval of the Chairman of the School of English:
Directing; Playwriting; Technical theatre and stage and scenic design; Acting; TV, film and radio drama. Not all these courses will necessarily be available in each year.)

The scheme of examination will be as follows:
Two written papers covering the year's course work, supplemented by practical tests as required.
A minor research exercise (approximately 10,000 words, normally to be submitted not later than 15 May) on a subject to be selected with the approval of the Chairman of the School of English
Assessment of practical work
An oral examination may be required.

Victorian Literature

The scheme of advanced full-time study leading to the degree of Master of Arts by examination will normally extend for one academic year starting in October. Applicants will be expected to have a good honours degree in English or in a two-subject degree with English or in a relevant subject. Some knowledge of Victorian literature will be an advantage, but it is not a pre-requisite.

Candidates will be required to take three postgraduate courses in the Victorian period, one of which will be open only to those students taking the MA in Victorian Literature.

In exceptional circumstances, and with the approval of the Chairman of the School of English, one of the three courses may be chosen from the list of courses currently available in other postgraduate schemes of study offered in the School of English.

At least three of the following courses will be available in any given year:
1. Themes and Perspectives in Victorain literature
2. The Victorian Novel — Realism to Modernism
3. Victorian Theatre
4. Victorian Poetry
5. The Spirit of the Age — Studies in Victorian Prose Writers (such authors as Carlyle, Ruskin, Arnold and Pater)

The scheme of examination will be as follows:
Three written papers covering the year's work
A research exercise (12,000–15,000 words) on some approved topic in the field of Victorian literature (normally submitted not later than 15 May)
An oral examination (if required by the examiners)
Coursework is required and may be taken into account in assessing the examination result.

English Studies in Education

The scheme of advanced part-time study leading to the degree of Master of Arts (Collegiate) in English Studies in Education will extend over two academic years, starting in October in alternate years. The scheme is offered by the College of Ripon and York St John, an institution affiliated to the University under the provisions of article 8(b) of Ordinance I.

Applicants will normally be expected to have a good honours degree or equivalent in English or a relevant subject and at least two years' satisfactory teaching experience.

Candidates admitted to the scheme will study a total of four units selected in accordance with the prescribed options from the lists of units available (see below) and complete a dissertation of 10,000–12,000 words on a topic, chosen with the approval of the Moderator for the scheme, in English literature or English language or linking both English language and literature normally by not later than the beginning of the second term of the scheme.

The scheme will require attendance for tuition normally for two weekday evenings per week during college terms. Regular submission of written work will be required on the taught units and tutorial consultations on the dissertation.

Units (not all the units will necessarily be available in any one year)

In year 1 units will be offered from the following lists:

List E

E001 The teaching of English
E003 Teaching Shakespeare
E004 Teaching Chaucer
E005 The practice of writing

List L

L001 Language studies in education
L002 Language development and its evaluation

In year 2 units will be offered from the following lists:

List E

E101 Language and literature
E102 Modernism
E103 Contemporary British literature
E104 American poetry and prose since 1940
E105 Post-romantic critical theory
E106 Children's literature

List L

L101 Language and under-achieving social groups
L102 The language of classroom teaching and learning
L103 Teaching English to non-native speakers
L104 Teaching English language

Options on Choice of Units

Candidates may choose to follow one of the following options:
Option 1: The study of four units from List E to include units E001 and E101.
Option 2: The study of three units from List E to include units E001 and E101 together with unit L002 from List L.
Option 3: The study of four units from List L to include units L001 and L002.
Option 4: The study of three units from List L to include units L001 and L002 together with unit E101 from List E.
Option 5: The study of three units from List L to include units L001 and L002 together with unit E106 from List E.

Assessment

1. Candidates will be assessed at the end of each year in each of the units they have followed during that year; the assessment may include written examination, long essays and coursework as prescribed for the individual unit concerned. Candidates will normally be required to satisfy the examiners in the year 1 examinations before being permitted to proceed to the second year of study.

2. Candidates will normally be required to present the dissertation for assessment not earlier than the end of the second year of the scheme and not later than the end of the calendar year following the completion of the scheme of study.
3. An oral examination will normally be required by the examiners.

Greek

Studies will normally extend over one academic year full-time.
1. Prescribed Greek books (one paper)
2. Prescribed author or literary genre (one paper)
3. Special subject (one paper)
4. *Either* Unprepared translation (two papers)
   or at the discretion of the Chairman of the School of Classics, an extended essay (of not more than 10,000 words) on a literary, historical or philosophical theme
5. An oral examination (if required by the examiners).

Greek Civilization

Studies will normally extend over one academic year full-time.

Candidates will normally be expected to have taken Greek language as part of their degree *or*, before entering on the course, to pass a 3-hour paper consisting of prepared and unprepared translation from Greek. Candidates who do not satisfy the above requirements may be admitted to the course but will be required (a) to pursue their studies for not less than one calendar year, (b) to pursue a language course in Greek and to pass a 3-hour examination in it within nine months of the start of the course.

EXAMINATIONS
1. Greek literature (three hours)
2-3. Two 3-hour papers on Greek topics chosen from *two* of the following:
   (a) History
   (b) Philosophy
   (c) Art
   (d) Archaeology
   (e) Literature
   (f) Another approved aspect of Greek civilization
4. An essay of 8,000–10,000 words on a subject approved by the Chairman of the School of Classics to be submitted by not later than 1 May
5. An oral examination (if required by the examiners).

Health Management, Planning and Policy

This scheme of full-time study leading to the degree of Master of Arts by examination will focus on health management, planning and policy in developing countries. It will start in October and extend over one calendar year. Normally candidates for the degree will be graduates with a good honours degree or equivalent in a relevant subject. Experience of problems of the health service or of developing countries will be an advantage, and may exceptionally constitute an alternative basis for admission.

Candidates admitted to the course will undertake the following scheme of study:
1. A core course in Health management, planning and policy
2. Two option courses, to be chosen with the approval of the Director of Studies, from the following:
   1. Health, development and underdevelopment
   2. Management of health technology in developing countries

3. Epidemiology for developing countries
4. Health economics for developing countries
5. Research methods and information systems for managers
6. Quantitative techniques for planning
7. Management, health and the community

This list may be varied from time to time. Not all options will necessarily be available in any one year.

3. A dissertation, of up to 15,000 words, on a topic chosen with the approval of the Director of Studies.

Assessment will be based upon prescribed course work, a written paper for each course, and the dissertation. All candidates must submit their dissertation for examination normally by no later than the first working day of September at the end of the year of study.

Health Services Studies

The scheme of advanced study leading to the degree of Master of Arts by examination in Health Services Studies will start in October and extend over one calendar year of full-time study or two calendar years of part-time study. Part-time students will normally be required to attend classes on one whole day a week during University terms.

Normally candidates for the degree will be graduates with a first- or second-class honours degree in a relevant subject, or an honours degree of this standard in another subject and at least one year's relevant work experience.

Candidates admitted to the scheme will take the following course of lectures:

Social policy (one paper)
Health and disease (one paper)*
Theory and practice of health management (one paper)†
One special subject (one paper).‡

Assessment will be based upon prescribed course work, four written papers of 3 hours each and the preparation of a dissertation of up to 15,000 words related to the chosen field of study, on an approved topic.

Candidates proceeding on a part-time basis will be examined in two courses (Social policy and Health and disease) during the first calendar year and the remaining two courses during the second year. Part-time candidates will normally be required to pass both courses in their first year of study before proceeding to the second year.

All candidates must submit their dissertation for examination by the first working day of September, in their final year.

History of Scientific Thought

To be admitted to the course leading to the degree of Master of Arts in the History of Scientific Thought, applicants must already hold a degree or a qualification acceptable to the Senate as an appropriate preparation for the course. This would normally be a good honours degree including as a main subject one of the following: the history of scientific thought, history, philosophy or sociology. Applicants (including those with good honours degrees in science or technology) whose previous studies are deemed not to have provided

* This course is taught in part by the Department of Community Medicine.

† This course is taught in part by the Department of Management Studies.

‡ The special subject may be chosen from the following, the choice being subject to the approval of the Director of the Nuffield Institute: Sociology of health, illness and medical care; Health economics; Comparative health care; Industrial relations; Social demography. Not all of these courses will necessarily be available in each year, and other courses may be substituted by the Department of Social Policy and Sociology with the approval of the Board of the Faculties.

a wholly adequate preparation for the course may nevertheless be accepted on condition that they undertake a preliminary period of study in the Division of History and Philosophy of Science, within the Department of Philosophy, lasting one academic year or less, and that at the end of this preliminary period they give evidence to the Head of the Department, by examination or otherwise, that they have made satisfactory progress.

Students pursuing the scheme of advanced study leading to the degree may be registered either as full-time or as part-time students of the University. Normally, studies start in October and extend over a period of one calendar year for full-time students and over a period of two calendar years for part-time students. Part-time students will normally be required to attend during term-time seminars and classes totalling on average three and a half hours a week. Every effort will be made to arrange these at times convenient to them. They will be required to sit paper 1 of the degree examination listed below at the end of their first academic year of study as part of the examination for the degree and the passing of this examination will be a condition of their being allowed to proceed to their second year of study for the degree.

The examination for the degree will consist of the following:
1. The emergence of modern scientific thought
2. Issues in the historical interpretation of science
(These written examinations will be taken by full-time candidates for the degree during the May/June examination period towards the end of their period of study; part-time candidates will sit paper 1 towards the end of their first year of study and paper 2 towards the end of their final year of study.)
3. Special subject in
   either the philosophy of science*
   or the social aspects of science
(Assessment by two essays of 4,000 words, to be submitted by the last day of May at the end of the course of study.)
4. A dissertation, of between 10,000 and 15,000 words on a subject to be chosen in consultation with the Head of the Department, to be submitted by 1 September at the end of the course of study.
Candidates may also be required to undergo an oral examination.

Human Geography

The School of Geography offers a scheme of advanced study leading to the degree of Master of Arts in Human Geography. It extends over one academic year on a full-time basis (or two academic years if part-time) and begins in October. Candidates will normally have a good honours degree in geography or another appropriate discipline approved by the Board of the Faculties.

Either (a) Candidates will be required to attend three courses. The first is compulsory; the remaining two will be selected from a list of options (not all of which will necessarily be available in any one year).

or (with the permission of the Chairman of the School) (b) Candidates will be required to attend two courses. The first is compulsory; the remaining one will be selected from a list of options (not all of which will necessarily be available in any one year). In addition, the candidate will be required to write a dissertation of approximately 10,000 words, on a research topic to be agreed with the Chairman of the School.

Each course will be a mixture of lectures, seminars and directed reading under individual supervision. (In some cases, where it would provide appropriate background, candidates may be required in addition to attend lectures offered to final-year honours students.)

* Evidence of some prior knowledge of this area is required before candidates will be permitted to proceed to this option.

The compulsory course is:
1. Methodological foundations of geography.

The optional courses:
2. Urban modelling
3. Regional development
4. Spatial population analysis
5. Urban development
6. Topographic science
7. Energy studies and environmental risk
8. Geography of the U.S.S.R.
9. Third World studies
10. Historical geography of settlement in Britain
11. Land resource studies
12. Public policy analysis

Examinations will be as follows:
1. A 3-hour examination on each course taken
2. Two essays of 2,500–3,000 words each in each course taken. One per course should be handed in by the first day of the second term, the second on each course by the first day of the third term.
3. Examination of the dissertation for candidates who have opted to write one. The last date for the submission of the dissertation will normally be at the end of the period of prescribed study. In exceptional circumstances this may be extended by not more than three months by prior permission of the Chairman of the School of Geography.
4. An oral examination at the discretion of the examiners.

(Part-time candidates will take part of the compulsory course in each year and will submit one essay on this course in each year by the first day of the third term; they will take the examination in this course at the end of the second year; they will take one optional course, and the prescribed examination in that course, in each year. They are required to pass examinations taken in the first year before proceeding to the second.)

Latin

Studies will normally extend over one academic year full-time.
1. Prescribed Latin books (one paper)
2. Prescribed author or literary genre (one paper)
3. Special subject (one paper)
4. Language, including unprepared translation (one paper)
5. General paper (one paper)
6. An oral examination (if required by the examiners).

At the discretion of the Chairman of the School of Classics, an extended essay (of not more than 10,000 words) on an approved theme may be offered in place of papers 4 and 5.

Icelandic Studies, *see page* 261

Linguistics

Candidates will normally be expected to have a good honours degree in English, modern languages, philosophy, psychology or sociology of the University of Leeds, or of another approved university or must possess equivalent qualifications approved by the Senate.

The scheme of study will normally extend over one academic year starting in October.

Candidates will be required to attend courses in:
General linguistics
Phonetics and phonology
Grammatical theory
Semantics
Historical linguistics
Sociolinguistics
Psycholinguistics
Practical linguistic description
Discourse analysis
and *two* further courses to be selected, with the approval of the Head of the Department of Linguistics and Phonetics, from the following:
Stylistics
Writing systems
Experimental design
Computing
Functional phonology
Lexicology and lexicography
Topics in the linguistics or phonetics of particular languages
Translation.
Not all of these options will necessarily be available in any one year, and additional options may be offered from time to time.

The scheme of examinations will be as follows:
1. Linguistic theory (one paper)
2. Phonetics and phonology (one paper) supplemented by oral or practical tests as required by the examiners
3. A research exercise of approximately 10,000 words on a topic to be selected with the approval of the Head of the Department of Linguistics and Phonetics (to be submitted by the date determined by the Head of Department) (one paper)
4. Four essays, reports or exercises on topics to be selected with the approval of the Head of the Department of Linguistics and Phonetics (one on each of the two optional courses, and two on other aspects of the course) submitted during the course of the year on dates to be determined by the Head of Department (one paper in all).

Linguistics and English Language Teaching

Candidates will normally be expected to have a good honours degree in a relevant subject of the University of Leeds, or of another approved university or must possess equivalent qualifications approved by the Senate.

The scheme of study will normally extend over one academic year starting in October.

Candidates will be required to attend courses in:
General linguistics
Phonetics and phonology
Phonetics of English
English grammar
Sociolinguistics
Psycholinguistics
English language teaching
Discourse analysis
and *two* further courses selected, with the approval of the Department of Linguistics and Phonetics, from the following:
Stylistics
Writing systems

Experimental design
Computing
Functional phonology
Lexicology and lexicography
Topics in the linguistics or phonetics of particular languages
Translation
Writing programmed texts
Using authentic texts
English as a second language for adult learners in Leeds
Drama methods in language teaching
Teacher training
Language laboratory
Pronunciation teaching
Contrastive analysis.

Not all of these options will necessarily be available in any one year, and additional options may be offered from time to time.

The scheme of examination will be as follows:

1. General linguistics (one paper)
2. Phonetics (one paper) supplemented by oral and practical tests as required by the examiners
3. A research exercise of approximately 10,000 words on a topic to be selected with the approval of the Head of the Department of Linguistics and Phonetics (to be submitted by the date determined by the Head of Department) (one paper)
4. Four essays, reports or exercises on topics to be selected with the approval of the Head of the Department of Linguistics and Phonetics (one on each of the two optional courses, and two on English Language Teaching) submitted during the course of the year on dates to be determined by the Head of Department (one paper in all).

Linguistics and Foreign Language Teaching

Candidates will normally be expected to have a good honours degree in a foreign language, or other relevant subject, of the University of Leeds, or of another approved university, or must possess equivalent qualifications approved by the Senate.

The scheme of study will normally extend over one academic year starting in October.

Candidates will be required to attend courses in:

General linguistics
Sociolinguistics
Psycholinguistics
Linguistic description of the language of the student's specialization
Phonetics and phonology
Phonetics of the language of the student's specialization
Theory and practice of language teaching
Discourse analysis

and *two* further courses selected, with the approval of the Department of Linguistics and Phonetics, from the following:

Stylistics, writing systems, experimental design, computing, lexicology and lexicography, translation, writing programmed texts, using authentic texts, drama methods in language teaching, language laboratory techniques, pronunciation teaching, contrastive analysis. Not all of these options will necessarily be available in any one year, and additional options may be offered from time to time.

The scheme of examinations will be as follows:
1. Linguistics, including General linguistics, Grammatical theory, Sociolinguistics, Psycholinguistics, and the linguistic description of the language of the student's specialization (one paper)
2. Phonetics and phonology, including the phonetic description of the language of the student's specialization (one paper)
3. A research exercise of approximately 10,000 words on a topic to be selected with the approval of the Head of the Department of Linguistics and Phonetics (to be submitted by the date determined by the Head of the Department) (one paper)
4. Four essays, reports or exercises on topics to be selected with the approval of the Head of the Department of Linguistics and Phonetics (one each of the two optional courses, and two on language teaching) submitted during the course of the year on dates to be determined by the Head of Department (one paper in all).

Local and Regional History

Applicants for the part-time or full-time scheme of study leading to the degree of Master of Arts in Local and Regional History must have a good first degree. Studies will normally extend for full-time students over one calendar year and for part-time students over two calendar years.

Candidates will be required to attend three courses:
1. The making of the English landscape
2. The history of Yorkshire (from later medieval to modern times)
3. The sources of English local history and their uses

Candidates will have an opportunity to attend postgraduate courses in palaeography and historical methods; these courses have to be taught in normal hours and will be freely available to full-time students and also to such part-time students as are able to attend them.

Part-time candidates are expected to attend lectures, seminars and tutorials for a minimum of four hours per week over an academic year of 25 weeks. In addition, all candidates will be expected to consult individually with their tutors. Written work will be required at regular intervals in all courses.

The scheme of examination will be as follows: a written examination on courses 1 and 2; for course 3 the assessment of course work in the form of extended essays on sources will take the place of a written examination paper; a research exercise, consisting of a dissertation of between 10,000–15,000 words in length, normally based upon printed original sources and written on a topic chosen with the approval of the Chairman of the School of History; and an oral examination, if required by the examiners. Full-time candidates will take the written papers in May/June and will be required to submit the dissertation by 30 September. Part-time candidates will be examined in two courses at the end of the first academic year (i.e. in May/June after admission) and in the remaining course in May/June of the following year; part-time candidates will be required to submit the dissertation by no later than 30 September in the second year.

Logic and Philosophy of Language

Applicants must normally hold a good first degree in which Philosophy formed a substantial part of the scheme of study. In exceptional circumstances other applicants may nevertheless be accepted on condition that they undertake a preliminary period of study in the Department of Philosophy lasting for such period as may be determined and that at the end of this preliminary period they give evidence to the Head of Department, that they have made satisfactory progress.

Students pursuing the scheme of advanced study leading to the degree may be registered either as full-time or as part-time students of the University. Normally, studies start in October and extend over a period of one calendar year for full-time students and over a period of two calendar years for part-time students. All candidates for the degree will be required during term-time throughout their period of study to attend a graduate philosophy seminar, and to contribute papers to this seminar from time to time. In addition they will be required to attend *three* courses as follows:

(a) Problems in philosophical logic

at least one of:

(b) Formal logic

(c) Theory of meaning

and if they choose to attend only one of (b) and (c), one of the following:

(d) Topics in the philosophy of mathematics

(e) Formal linguistics

(f) A topic in philosophical logic (including philosophy of language).

(d), (e) and (f) will not necessarily all be available every year.

Part-time students will normally be required to attend during term time seminars and classes lasting in all about 3½ hours a week. They will be required to sit one of the three examination papers required at the end of their first academic year of study as part of their degree examination, and the passing of this examination will be a condition of their being allowed to proceed to their second year of study for the degree.

In the examination for the degree

1. Candidates will be required to submit by 1 September at the end of their course of study for the degree a dissertation of between 10,000 and 15,000 words, normally on *either*:

(a) A major thinker in the history of logic

or

(b) A text which has made a major contribution to logic

Dissertation topics must be approved in advance by the Head of the Department.

2. Candidates will be required to sit a three-hour examination paper in each of their three courses

3. Candidates may also be required to present themselves for an oral examination.

Management Science

The scheme of advanced full-time study leading to the degree of Master of Arts by examination in Management Science is offered jointly by the Department of Management Studies and the Department of Computer Studies, and will extend over one calendar year starting in October. Candidates will normally be graduates in a pure science, applied science, or quantitative social science, but consideration may be given to graduates in other subjects who can show sufficient evidence of numeracy.

Candidates admitted to the scheme will proceed by:

1. Attending approved courses of advanced study as follows:

(a) Operational research

and *either*

(b) (i) Systems models of the firm

(ii) One course determined each year by the Head of the Department of Management Studies

or

(c) (i) Computing (first term) followed by one course determined each year by the Head of the Department of Computer Studies

(ii) Operational research practice and elementary statistics (first term), followed by Operational research and its environment

2. Preparing a dissertation on an investigation in connection with one of their fields of study.

The examination will normally consist of four written papers of 3 hours each, an assessment of the dissertation and of other work undertaken during the course and, at the discretion of the examiners, an oral examination.

Medieval Studies

A scheme of advanced full-time study extending over one academic year or part-time study extending over two academic years starting in October leading to the degree of M.A. in Medieval Studies. Candidates will normally be graduates with a good honours degree in an appropriate subject. Part-time candidates will normally be expected to attend for at least 4 hours a week during term time in each of their two years and to maintain regular contact with the tutors in each subject area.

The aim of the degree is to enable students to pursue their special interests within the medieval field, while at the same time acquiring a wider understanding of medieval culture and a familiarity with the appropriate research skills. Candidates will be expected to have done a substantial amount of work on the medieval period for their first degree, and to have reached the equivalent of G.C.E. O-level standard in Latin (i.e. Grade C or above).

In order to qualify for the degree of M.A. in Medieval Studies, candidates must undertake work in each of the three sections laid out below and must satisfy the examiners in every part of the scheme of study. Part-time students must be able to attend the courses in Section A which are taught in normal hours. Work will be assessed in a variety of ways as prescribed by the Board of Studies of the Centre for Medieval Studies, e.g. dissertation, written paper, course work. There will be an oral examination for all candidates. Part-time students will be examined at the end of the second year, though appropriately qualified students may, with the approval of the Director, sit the A.2 Latin paper at the end of the first year.

Section A (to be taken by all candidates)
1. Medieval Latin
2. Palaeography and manuscript studies
3. An annotated bibliography (normally related to work undertaken elsewhere in the course)

Section B
All candidates will undertake work in one of the subject areas listed below. Not all of these subject areas will necessarily be available in each session.

This will normally be an introductory course in an area other than that forming a major part of the first degree. However, courses 6, 7 and 8 require a first degree containing a substantial amount of the subject named in brackets. The following language courses require A-level or the equivalent in the language specified in brackets: 11, 12, 13, 15, 16 and 17

1. Medieval Archaeology
2. Medieval Art and Architecture
3. Medieval Geography
4. Medieval History
5. Sources of Medieval History
6. Medieval Music (Music)
7. Medieval Philosophy (Philosophy)
8. Medieval Arabic Language and Literature (Arabic)
9. Old English Language and Literature
10. Middle English Literature

11. Medieval French Literature (French)
12. Old High German Language and Literature (German)
13. Middle High German Language and Literature (German)
14. Old Icelandic Language and Literature
15. Medieval Italian Literature (Italian)
16. Medieval Provençal Language and Literature (French)
17. Medieval Spanish and Portuguese Literature (Spanish *or* Portuguese)

Section C
An additional course in either:
(a) one or more of the subject areas listed under Sections A and B above chosen with the approval of the Director and Board of Studies of the Centre for Medieval Studies:
(b) one of the topics listed below which represent the special research interests of members of the Centre for Medieval Studies; not all of these topics will necessarily be available in each session.
1. Heroic Literature
2. Courtly Literature
3. The Cult of the Saints
4. Vernacular Drama
5. Monasticism in the North of England.

Mongolian Studies

The scheme of advanced full-time study leading to the degree of Master of Arts by examination in Mongolian Studies will extend over one academic year starting in October.

Candidates will normally be graduates with a good honours degree and should possess an appropriate qualification such as the diploma in Mongol language and Mongolian studies of this University, or its equivalent from another university.

The course will consist of an advanced study of the Mongol language, including Mongol script. Candidates will be expected to work on the translation of contemporary Mongol documents of social and historical significance. The social and political relationships of Mongolia with Russia and China will receive special consideration.

The course will include lectures and seminars totalling 100 hours on Mongol history and contemporary institutions.

The scheme of examination will be as follows:
Two papers in Mongol history and contemporary institutions
Two papers in Mongol language
An oral examination
A dissertation.

Organizational Diagnosis and Change

The scheme of advanced study leading to the degree of Master of Arts in Organizational Diagnosis and Change will start in October and extend over one calendar year of full-time study or two calendar years of part-time study. Part-time students will be required to attend classes on two half days a week during university terms. In addition they will be required, from time to time, to participate in projects and activities. Such activities will normally require a total of ten days over the two-year period of part-time study.

Normally candidates for the degree will be graduates with a first- or second-class honours degree in a relevant subject, or an honours degree of this standard in another subject and at least one year's relevant work experience. Candidates with appropriate professional and

other qualifications, deemed by the Senate to be equivalent to a first- or second-class honours degree, will also be eligible.

Candidates admitted to the scheme will attend approved courses of advanced study as follows:

1. Analysis of organizations
2. Organizations and their environment
3. Organization strategy and management
4. Change processes in organizations.

Assessment will be based upon prescribed course work, four written papers of 3 hours each and the preparation of a dissertation of approximately 18,000 words on an investigation in connection with one of the above fields of study. In exceptional circumstances, and with the approval of the Head of the Department, an extended essay may be substituted for one of the written examination papers.

Candidates proceeding on a part-time basis will be examined in two courses during the first calendar year and in the remaining two courses during the second year. Part-time candidates will normally be required to pass all courses in their first year of study before proceeding to the second year.

All candidates will submit their dissertation for examination by the last working day of September in their final year of study.

Philosophy of Mind

To be admitted to the course leading to the degree of M.A. in the Philosophy of Mind, applicants must already hold a degree or a qualification acceptable to the Senate as an appropriate preparation for the course, and must have undertaken a substantial amount of philosophical study. Applicants whose previous studies are deemed not to have provided a wholly adequate preparation for the course may nevertheless be accepted on condition that they undertake a preliminary period of study in the Department of Philosophy lasting one academic year or less, and that at the end of this preliminary period they give evidence to the Head of the Department, by examination or otherwise, that they have made satisfactory progress.

Students pursuing the scheme of advanced study leading to the degree may be registered either as full-time or as part-time students of the University. Normally, studies start in October and extend over a period of one calendar year for full-time students and over a period of two calendar years for part-time students. All candidates for the degree will be required during term-time throughout their period of study to attend graduate philosophy seminars, and to contribute papers to these seminars. In addition, they will be required to attend courses on *three* of the topics chosen, with the approval of the Head of the Department of Philosophy, from the following list (to which further topics may be added from time to time):

(a) The mental and the physical
(b) The self
(c) The philosophy of action
(d) The philosophy of psychology
(e) Conscience
(f) Perception
(g) Emotion
(h) Mind and time.

Courses will not necessarily be available on *all* these topics in any one year.

Part-time students will normally be required to attend during term-time seminars and classes totalling an average of 3½ hours a week. Every effort will be made to arrange these at times convenient to them. They will be required to sit one of the three examination papers referred to under (2) below at the end of their first academic year of study as part of

the degree examination, and the passing of this examination will be a condition of their being allowed to proceed to their second year of study for the degree.

In the examination for the degree:
1. Candidates will be required to submit by 1 September at the end of their course of study for the degree two of the papers originally written by each of them for the Graduate Philosophy Seminar, which may be revised in the light of the seminar discussion and of subsequent work (each paper should be of around 3,000 words in length, and be submitted in two typed copies)
2. Full-time candidates will be required to sit during the month of September or at the end of their course of studies one 3-hour written examination paper on each of the three topics on which they have attended courses; part-time candidates who will already have sat one paper towards the end of their first-year of study will be required to sit one paper each on two further topics on which they have attended courses during their whole period of study
3. Candidates may also be required to undergo an oral examination.

Physical Education

The scheme of advanced study leading to the degree of Master of Arts by examination in Physical Education will extend full-time over one academic year starting in October or one calendar year starting in September, or two calendar years of part-time study. Part-time students will be required to attend classes on two evenings a week during University terms. In addition they will be required, from time to time, to participate in projects and activities related to the course of study. Such activities will normally require a total of ten days over the two-year period of part-time study.

Applicants will normally be expected to be qualified teachers having either a first- or second-class honours degree in which physical education has been a principal subject, or a first- or second-class honours degree together with approved teaching qualifications in physical education.

All candidates will take the course Theory of physical education and three other courses from the following list:
1. Measurement in physical education
2. Comparative physical education
3. Administration of sport and physical recreation
4. Biomechanical study of skilled behaviour
5. Psychological study of skilled behaviour
6. Motor impairment
7. Movement in dramatic art
8. Aesthetic evaluation of human movement
9. A special course chosen in consultation with the Head of the Department.

Not all these courses will necessarily be available in each year. Students accepted for the degree will be required to take courses which ensure that the work for the higher degree is appropriately related to their previous studies.

There will be a written examination on each course. Examiners may also take into consideration an assessment of course work. Students taking a special course may be assessed, in lieu of a written examination, by a dissertation* of 6,000–10,000 words on a subject selected with the approval of the Head of the Department of Physical Education. At the discretion of the examiners, there may also be an oral examination.

Candidates proceeding on a part-time basis will be examined in two courses during the first calendar year and in the remaining two courses during the second year. Part-time candidates will normally be required to pass both courses in their first year of study before proceeding to the second year.

* The dissertation should be submitted by not later than the first day of the written examination period at the end of the candidate's period of study.

Political Sociology

The scheme of advanced study leading to the degree of Master of Arts in Political Sociology will start in October and extend over one calendar year for full-time students and over two calendar years for part-time students. Candidates will normally be graduates with a good honours degree in politics or sociology.

Part-time candidates will be required to attend for weekly tuition during weekday evenings over two academic years of thirty weeks each.

All candidates will be required to take the following courses of study:
1. Theories and concepts of political sociology
2. Politics and social change.

Part-time candidates will take one course in each of their two years of study, in a sequence to be determined by the Head of the Department. All candidates will be required to give a seminar paper in each course.

Candidates may choose one of two schemes of examination, as follows:

SCHEME A

1. Theories and concepts of political sociology
2. Politics and social change
3. A dissertation of approximately 10,000 words on a subject approved by the Head of the Department
4. An oral examination (if required by the examiners).

Part-time candidates who choose this scheme of examination will be examined in each course in the September of the year in which the course is taken, and must normally pass the examination in their first-year course before being permitted to proceed to the second year. All candidates must submit their dissertation for examination not later than 1 September in their final year of study.

SCHEME B

1. Two dissertations of approximately 10,000 words each on subjects approved by the Head of the Department — one for each of the two prescribed courses
2. Two essays of approximately 2,500–3,000 words each, based upon the required seminar papers
3. An oral examination (if required by the examiners).

Full-time candidates who choose this scheme of examination must submit one of their dissertations and one of their essays not later than 1 June, and must submit the second dissertation and the second essay not later than 1 September.

Part-time candidates must normally submit the dissertation and essay for each course not later than 1 September in the year in which the course is taken, and must pass the examination in their first-year course before being permitted to proceed to the second year.

Political Sociology of Development

The scheme of advanced full-time study leading to the degree of Master of Arts by examination in Political Sociology of Development will extend over one calendar year starting in October. The scheme will also be available for part-time study which will extend over two calendar years starting in October.

Applicants would normally be expected to have a good honours degree in politics or sociology; having had courses in, or practical experience of, development, would be advantageous.

All candidates must take the following two courses:
(A) Theory and practice in change and development
(B) Strategies for development

Each course will be examined by submission of a seminar paper of at least 3,000 words, and a dissertation of at least 10,000 words. At the discretion of the examiners, there may also be an oral examination.

Full-time students will be required to submit one of their dissertations and one of their seminar papers not later than 1 June, and one seminar paper and one dissertation not later than 1 September.

Part-time candidates must normally submit the dissertation and seminar paper for each course not later than 1 September in the year in which the course is taken, and must pass the examination in their first-year course before being permitted to proceed to the second year.

Courses are as follows:

A. Theory and practice in change and development
Theories of modernization, political development, imperialism, the political economy of underdevelopment and dependence and the modes of production debate.
Reference will also be made to the major Marxist and non-Marxist traditions of theories about society and social change from which these contemporary theories are derived.
The validity of these approaches will be further explored by an examination of the historical experiences of development of major non-Western countries, including Japan, Russia, China and India.

B. Strategies and policies for development
(i) The contemporary context of development: the nature of the world crisis, the internationalization of capital, the role and character of the state, processes of class formation, third world political movements — of reform and revolution, of national liberation and women's emanicipation.
(ii) Key problems of development strategy: seminar discussion of case studies on such crucial issues as industrialization strategy, rural development, planning and planning machinery, the relationship of public policy to private interest, state relations with international agencies.

Religious Studies

The scheme of advanced study leading to the degree of Master of Arts by examination in Religious Studies will extend over one calendar year starting in October for full-time students and two calendar years for part-time students. Applicants will be expected to have a good honours degree in theology, religious studies or another relevant subject. Students may choose either of the following two programmes of study:

A The scheme of examination is as follows:
1. One of the following:
   (a) Hinduism
   (b) African traditional religion
   (c) Islam
   (d) Religions of ethnic minorities in Britain
2. One of the following (not all of these courses will necessarily be available each year):
   (a) Sociology of religion
   (b) Philosophy of religion
   (c) Selected topics in the comparative study of religions
3. One further course (consonant with the subjects in the other courses to be studied)

normally to be chosen from those offered within the Department of Theology and Religious Studies subject to the approval of the Head of the Department.
4. An essay normally between 10,000 and 15,000 words on a subject to be approved by the Head of the Department of Theology and Religious Studies, to be submitted not later than 30 September in the final year of study.
5. Candidates proceeding on a part-time basis will be examined in two courses during the first calendar year and in the remaining course and essay during the second year. Part-time candidates will normally be required to pass both courses in their first year of study before proceeding to the second year.

B *Religion in Africa* — the scheme of examination is as follows:
1. *Three* of the following courses (not all of these courses will necessarily be available each year):
   (a) African traditional religion
   (b) Christianity in Africa
   (c) Islam in Africa
   (d) Politics and Christian thought in the twentieth century
   (e) The theology and practice of mission in the twentieth century
   (f) One further course (consonant with the subjects in the other courses to be studied) normally to be chosen from those offered within the Department of Theology and Religious Studies subject to the approval of the Head of the Department.
2. An essay normally between 10,000 and 15,000 words on a subject to be approved by the Head of the Department of Theology and Religious Studies, to be submitted not later than 30 September in the final year of study.
3. Candidates proceeding on a part-time basis will be examined in two courses during the first calendar year and in the remaining course and essay during the second year. Part-time candidates will normally be required to pass both courses in their first year of study before proceeding to the second year.

Roman Civilization

Studies will normally extend over one academic year full-time.
Candidates will normally be expected to have taken Latin language as part of their degree *or*, before entering on the course, to pass a 3-hour paper consisting of prepared and unprepared translation from Latin. Candidates who do not satisfy the above requirements may be admitted to the course but will be required (a) to pursue their studies for not less than one calendar year, (b) to pursue a language course in Latin and to pass a 3-hour examination in it within nine months of the start of the course.

The scheme of examination will be as follows:
1. Latin literature
2-3. Two 3-hour papers on Roman topics chosen from *two* of the following:
   (a) History
   (b) Philosophy
   (c) Art
   (d) Archaeology
   (e) Literature
   (f) Another approved aspect of Roman civilization
4. An essay of 8,000–10,000 words on a subject approved by the Chairman of the School of Classics to be submitted by not later than 1 May
5. An oral examination (if required by the examiners).

Social History of Art

The scheme of advanced full-time study leading to the degree of Master of Arts by examination in the Social History of Art will extend over one calendar year starting in October.

Students admitted to this course will normally be graduates with a good honours degree in art history or another approved subject (for example, history or sociology). Candidates will be required to attend courses in:

1. The social history of art: theories and methods
2. Discourse and ideology in art history
3. Special subject in the history of art, to be chosen from a list approved by the Head of the Department, which will vary from time to time.

The scheme of examination will be as follows:

(i) Theories and methods I — two essays of 2,500 words each on set texts or photographs to be submitted on a specified date at the beginning of the third term;
(ii) Theories and methods II — two essays of 4,000 words each on set topics to be submitted at the beginning of the third term;
(iii) Special Subject in the History of Art: an extended essay of 4,000 words on an agreed topic to be submitted at the beginning of the third term;
(iv) a dissertation of 10,000–12,000 words on an approved subject within the above fields of study, to be submitted by 1 September;
(v) An oral examination.

Sociology

Applicants for the part-time or full-time scheme of advanced study leading to the degree of Master of Arts in Sociology must normally hold a good honours degree in sociology, or in a combination of subjects in which sociology formed a substantial part. Studies will commence in October and will extend over one calendar year for full-time students (full-time scheme commences in alternate even numbered years only) and over two calendar years for part-time students.

Part-time candidates are expected to attend lectures, seminars and tutorials held during weekday evenings for a minimum of 4 hours per week over each of two academic years of thirty weeks. They will also have the opportunity of attending postgraduate seminars held in the Department during normal hours if they are able to do so.

All candidates will be required to attend the courses listed below. Part-time candidates will normally be required to take three courses in their first year and the remaining courses in their second year. The sequence of the courses taken will be determined by the Head of the Department.

1. Advanced sociological theory I
2. Advanced sociological theory II
3. Advanced methods of social research

4.6 Two optional courses selected with the approval of the Head of the Department of Social Policy and Sociology from the following list. A third optional course may be attended with the permission of the Head of the Department, but will not be assessed.

Sociology of industrial societies
Sociology of work and industry
Sociology of politics
Sociology of knowledge
Sociology of culture
Sociology of education
Sociology of art and literature
Sociology of stratification
Sexual divisions and society
Sociology of race relations
Sociology of medicine

This list may be varied from time to time and not all of the options will necessarily be available in each year

7. Individual tutorials related to essays and dissertations.

The scheme of examination will be as follows:
1. One essay of about 5,000 words in sociological theory*
2. Assessments of research methods: candidates may, with the approval of the Head of the Department, elect to be assessed *either* by one 3-hour written paper *or* by an essay* of about 5,000 words
3-4. Two essays of about 5,000 words each in two of the optional courses*
5. A dissertation of about 15,000 words, on a topic to be chosen with the approval of the Head of the Department
6. An oral examination (if required by the examiners).

Full-time candidates must normally submit all essays by the last working day in September. Part-time candidates must normally submit any essays required for courses completed in the first year by the last working day in September in that year before being permitted to proceed to further study. The remaining essays must normally be submitted by the last working day in September at the end of the second year of study. The last day for the submission of the dissertation will normally be at the end of the period of prescribed study. In exceptional circumstances this may be extended by not more than three months with the prior approval of the Head of the Department.

Examinations by written paper will normally be held in May/June of the year in which the course is taken.

Spanish

The scheme of advanced study leading to the degree of Master of Arts by examination in Spanish will start in October and will extend over one calendar year of full-time studies or over two calendar years of part-time studies. Applicants will normally be expected to have a good honours degree in Hispanic Studies.

Part-time candidates who are unable to attend during the day-time will be required to attend weekday evening classes.

Candidates admitted to the scheme will be examined as follows:
1. Spanish language (one paper)
2-3. *Two* papers chosen from the following:
   (a) A special author in Spanish or Spanish-American literature (one paper)
   (b) A special period or movement in Spanish or Spanish-American literature (one paper)
   (c) A selected theme or period in Spanish or Spanish-American history and civilization (one paper)
4. An oral examination to be held in June of the final year of study and designed to test the candidate's competence in spoken Spanish.
5. A dissertation of some 9,000 words on a literary, linguistic, historical or artistic subject to be submitted by 30 September of the final year of study. Both the subject of the dissertation and the language of redaction must be approved by the Head of the Department.

The written examinations will be taken in June. At the discretion of the examiners a further oral examination will be held in September in either English or Spanish. Course work will be taken into account in assessing the examination result.

Part-time candidates must sit at least one paper at the end of the first year of study and must pass in that paper before proceeding to the second year of study.

* Essays will be on topics selected with the approval of the Head of the Department of Social Policy and Sociology.

Speech Sciences

Candidates will normally be expected to have a good honours degree in a relevant subject of the University of Leeds, or of another approved university, or must possess equivalent qualifications approved by the Senate. Candidates who have already been awarded an M.A. in Linguistics from the University of Leeds may not apply.

The scheme of study will normally extend over one academic year full-time starting in October.

Candidates will normally be required to attend the following classes:

A. General linguistics and phonology:
   - General linguistics
   - Psycholinguistics
   - Sociolinguistics
   - Phonology

B. General and experimental phonetics:
   - General and English phonetics
   - Experimental phonetics:
     - Acoustics of speech
     - Anatomy and physiology of speech
     - Speech production and perception
     - Experimental laboratory methods

C. *Two* further courses selected, with the approval of the Head of the Department of Linguistics & Phonetics, from the following:
   - Theory of intonation
   - Generative phonology
   - Computing
   - Human-machine communication and aids for the speech-handicapped
   - Topics in the linguistics or phonetics of particular languages
   - Stylistics
   - Discourse analysis
   - Translation
   - Writing systems
   - Lexicology and lexicography

Not all of these options will necessarily be available in any one year and additional options may be offered from time to time.

D. Practical classes will be held in:
   - Laboratory work
   - English phonetics
   - General phonetics

E. Speech science seminar (not examined).

The scheme of examinations will be as follows:

1. General linguistics and phonology (one paper)
2. General and experimental phonetics (one paper)
3. An essay, report or exercise on each of the two optional courses, one to be submitted at the beginning of each of the second and third terms (quarter paper each)
4. Practical examination in general and English phonetics (quarter paper)
5. Assessment of a laboratory project (quarter paper)
6. A minor research exercise of approximately 10,000 words into normal or abnormal language and speech in a form approved by the Head of the Department, normally to be submitted by 15 May (one paper).

Theatre Studies, *see page* 261

Theology

The scheme of advanced study leading to the degree of Master of Arts by examination in Theology will extend over one calendar year starting in October for full-time students and two calendar years for part-time students. Applicants will be expected to have a good honours degree in theology, religious studies or another relevant subject. Students may choose one of the following three programmes of study:

A *New Testament Studies*
Candidates must have attained proficiency in New Testament Greek.
The scheme of examination is as follows:
1. A New Testament Greek text to be studied with relevant commentaries.
2. One of the following (not all of these courses will necessarily be available each year):
   (a) The development of New Testament Christology
   (b) Pauline and Johannine Christianity
   (c) Hellenistic Judaism.
3. One further course (consonant with the subjects in the other courses to be studied) normally to be chosen from those offered within the Department of Theology and Religious Studies subject to the approval of the Head of the Department.
4. An essay normally between 10,000 and 15,000 words on a New Testament subject to be approved by the Head of the Department of Theology and Religious Studies, to be submitted not later than 30 September in the final year of study.
5. Candidates proceeding on a part-time basis will be examined in two courses during the first calendar year and in the remaining course and essay during the second year. Part-time candidates will normally be required to pass both courses in their first year of study before proceeding to the second year.

B *Christian History and Doctrine*
The scheme of examination is as follows:
1. Christian theology — a study of Christian themes of God, humanity and salvation
2. One of the following (not all of these courses will necessarily be available each year):
   (a) Philosophy of religion
   (b) A selected theologian (eg Augustine, Luther, Barth, Bonhoeffer)
   (c) Selected topics in church history
   (d) Christianity in Africa
3. One further course (consonant with the subjects in the other courses to be studied) normally to be chosen from those offered within the Department of Theology and Religious Studies subject to the approval of the Head of the Department.
4. An essay normally between 10,000 and 15,000 words on a subject to be approved by the Head of the Department of Theology and Religious Studies, to be submitted not later than 30 September in the final year of study.
5. Candidates proceeding on a part-time basis will be examined in two courses during the first calendar year and in the remaining course and essay during the second year. Part-time candidates will normally be required to pass both courses in their first year of study before proceeding to the second year.

C *Political Theology*
The scheme of examination is as follows:
1. Theology and politics in the twentieth century
2. One of the following (not all of these courses will necessarily be available each year):
   (a) Politics and Christian thought
   (b) The theology and practice of mission in the twentieth century
   (c) The local church and social responsibility in contemporary Britain

3. One further course (consonant with the issues to be studied in the other two courses) normally to be chosen from those offered within the Department of Theology and Religious Studies subject to the approval of the Head of the Department.
4. An essay normally between 10,000 and 15,000 words on a subject to be approved by the Head of the Department of Theology and Religious Studies, to be submitted not later than 30 September in the final year of study.
5. Candidates proceeding on a part-time basis will be examined in two courses during the first calendar year and in the remaining course and essay during the second year. Part-time candidates will normally be required to pass both courses in their first year of study before proceeding to the second year.

Prescribed Scheme of Study and Examination for the Degree of Master of Business Administration

The scheme of advanced study leading to the degree of Master of Business Administration will normally extend over not less than twelve months of full-time study, starting in October each year, at the beginning of the academic session.

Candidates admitted to the scheme will be expected to:

1. Attend two required courses of advanced study in:
   (a) Foundations in organization analysis
   (b) Project preparation and planning
2. Attend *five* optional courses selected from the following, the choice being subject to the approval of the Head of the Department of Management Studies:
   (a) Management information and control
   (b) Financial planning and control
   (c) Management finance
   (d) Decision analysis
   (e) Organizational behaviour
   (f) Marketing
   (g) Agricultural marketing: the distribution and processing of farm products and supply of inputs to farms in developing countries
   (h) Operations management
   (i) Public enterprise management
   (j) Development economics
   (k) Project planning and management
   (l) Work design
   (m) Business policy
   (n) Cultural communication and international management
   (o) Strategic marketing
   (p) Manpower studies
   (q) International finance

Not all of these optional courses will necessarily be available each year and other courses may be substituted or added by the Head of the Department of Management Studies with the approval of the Board of the Faculties.

3. Submit a dissertation of approximately 15,000 words normally by 30 October of the year following the commencement of full-time studies on an investigation in connection with one of their fields of study. The cost involved in the preparation and supervision of a dissertation which involves travel overseas is not covered by the normal academic fee.

Assessment will be based upon prescribed course work, a written paper for each of the five optional courses, a project justification report and a dissertation.

Prescribed Schemes of Study and Examination for the Degree of Master of Music

Candidates for the degree of Master of Music will be admitted to undertake one of the following schemes of study and examination.

All candidates will be required to attend a *viva-voce* examination, for which they may be asked to prepare material.

Composition

1. Music analysis (written answers prepared over one week during May–June).
2. Submission by 1 September of a free composition or portfolio of composition.
3. *either* a paper worked over three weeks in strict composition such as fugue or chorale prelude
   or
   a dissertation to be submitted by 1 September of between 8,000 and 10,000 words on a subject in the field of the candidate's special interests.*

Musicology

1. Music analysis *or*, for candidates in opera studies, Analysis and criticism of opera (written answers prepared over one week during May–June).
2. Submission by 1 September of a project which shall be *either* an editorial project with full introduction and critical commentary *or* a long essay (15,000–20,000 words).
3. Written answers to be prepared over a period of three weeks in May–June on subjects in the field of music history, criticism and aesthetics.*

Opera production

1. Analysis and criticism of opera (written answers prepared over one week during May–June).
2. A practical examination consisting of a production of operatic material which may be filmed for examination purposes, accompanied by a short essay to be submitted by 1 September in which the candidate gives an interpretation of the material produced and indicates the choices available to a producer.
3. A written paper from within the examination scheme for the degree of Master of Arts in Theatre Studies supplemented by such practical tests as may be required.

Performance

1. Music analysis *or* Analysis and criticism of opera (written answers prepared over one week during May–June).
2. A practical examination consisting of an instrumental or vocal recital (singers who are candidates in opera studies must include operatic material performed from memory and acted; keyboard players in opera studies will be given appropriate practical tests).
3. A dissertation to be submitted by 1 September of between 8,000 and 10,000 words on a subject in the field of performance (including opera) or in another field of the candidate's special interests.*

* The candidate's field of special interest will be determined, with the approval of the Head of the Department of Music, by not later than the last day of the second term.

Regulations Prescribing Schemes of Study for Diplomas

POSTGRADUATE

Postgraduate Diploma in English Studies

All candidates must be graduates of the University of Leeds or of another approved university or must possess equivalent qualifications approved by the Senate.

Candidates will be required to attend the University of Leeds for at least one academic year of full-time study. In exceptional cases, by permission of the Board of the Faculties and upon the recommendation of the professor of English literature, or the professor of English language and medieval literature, they may extend their studies and become candidates for the degree of Master of Arts.

Candidates shall attend the following courses and must satisfy the examiners in the examinations and other tests prescribed:

1. Editorial and scholarly method
   Bibliography
2. Such of the following courses as may be prescribed by the professor of English literature or the professor of English language and medieval literature:
   Criticism
   Study of a particular period
   Study of a particular author
   Study of a particular genre
   Shakespeare
   Milton
   Contemporary English literature*
   American literature
   Commonwealth literature
   Contemporary English language
   English phonetics
   The teaching of English as a foreign language
   Any other course (subject to the approval of the Head of the Department concerned)
3. An exercise in research on a subject in literature or language to be approved by the professor of English literature or the professor of English language.

Note: The course in (1) will normally be covered in one term.

The course in (2) will normally be covered in one year and generally not fewer than three or more than five such courses will be prescribed.

The exercise in (3) will normally be set before the end of the first term and must be handed in before the end of the second term.

A diploma with distinction may be awarded to a student whose work is judged to be of outstanding merit.

* Only available to candidates whose native language is not English.

Postgraduate Diploma in Health Planning and Administration

The course focuses on the planning, organization and operation of health care and related services in the developing world. Each subject studied is based on theory, although practical applications are an integral part of the work. These objectives are met by means of exercises, working groups, personal essays and the dissertation. It is believed that the theoretical and practical approaches, supplemented by problem solving of issues raised by the course participants, will provide students with the facility to analyse health care problems in the future, as well as give an insight into current problems.

The object of this course is to offer academically based training with a vocational orientation to candidates who are already pursuing careers in some aspect of health care planning or management, and who require a more extensive knowledge of the disciplines which make a contribution to their work.

REQUIREMENTS FOR ENTRY

Candidates entering the course should normally be graduates of an approved university or hold an approved professional qualification. Exceptionally, relevant practical experience will be given due weight in considering other applicants.

The course for the diploma extends over one academic year of full-time study starting in October, during which candidates will be required to attend the prescribed courses; to carry out, under supervision, any prescribed fieldwork and to submit written reports on it; and to be assessed in four subjects indicated below, and a dissertation on a topic to be approved by the Director.

The subjects to be examined will be:
Health and social policy
Public administration and management
Health planning and economics
Community health care

The scheme of examination will be as follows:
Three written assignments in each of the four subjects
One written paper covering the four subjects
Dissertation
An oral examination

The dissertation, which should not exceed 10,000 words, shall normally be submitted not less than 14 days before the end of the third term.

A diploma with distinction may be awarded to a candidate whose work is judged to be of outstanding merit.

Postgraduate Diploma in Icelandic Studies

The postgraduate diploma in Icelandic Studies is designed to provide an introduction to the knowledge of Icelandic for literary, linguistic or historical purposes. Applicants will not be expected to have prior knowledge of the subject, but will normally be good honours degree graduates.

Candidates will be required to attend three courses, providing an introduction to Old and Modern Icelandic language and literature, and to the history and institutions of Iceland.

Candidates will also be required to submit a minor research exercise of 8,000–10,000 words.

The examination for the diploma will consist of two written papers, the research exercise (normally to be submitted by 15 May), and an oral examination. A diploma with distinction may be awarded to a student whose work is judged to be of outstanding merit.

Postgraduate Diploma in Linguistics

All candidates must be graduates in a relevant subject of the University of Leeds or of another approved university or must possess equivalent qualifications approved by the Senate.

The scheme of study will extend over one academic year of full-time study starting in October.

Candidates will be required to attend courses in:
General linguistics
Phonetics and phonology
Grammatical theory
Semantics
Historical linguistics
Sociolinguistics
Psycholinguistics
Practical linguistic description
and *two* further courses to be selected, with the approval of the Head of the Department of Linguistics and Phonetics, from the following:
Stylistics
Discourse analysis
Writing systems
Experimental design
Computing
Functional phonology
Lexicology and lexicography
Topics in the linguistics or phonetics of particular languages
Translation
Not all of these options will necessarily be available in any one year, and additional options may be offered from time to time.

The scheme of examinations will be as follows:
1. Linguistic theory (one paper)
2. Phonetics and phonology (one paper)
supplemented by oral or practical tests as required by the examiners
3. Two practical exercises or essays based on the work of the course, one to be submitted at the beginning of each of the second and third terms (half-paper)
4. An essay, report or exercise on each of the two optional courses, one to be submitted at the beginning of each of the second and third terms (half-paper).

The diploma may be awarded with distinction to candidates whose work has been of outstanding merit.

Postgraduate Diploma in Mongol Language and Mongolian Studies

All candidates must be graduates in a relevant subject of the University of Leeds or of another approved university or must possess equivalent qualifications approved by the Senate.

The scheme of study will extend over one academic year of full-time study starting in October.

Candidates will be expected to attend courses in:
1. Mongolian language
2. Mongolian texts
3. Mongolian language laboratory practicals
and to attend tutorials on modern Mongolian history.

The scheme of examinations will be as follows:
1. English-Mongol translation (one paper)
2. Mongol-English translation (one paper)
3. Oral examination in spoken Mongol
4. Aural language laboratory examination in Mongol
5. A dissertation, which should not exceed 10,000 words, on a topic in modern Mongolian history, approved by the Head of the Department of Chinese Studies.

The diploma may be awarded with distinction to candidates whose work has been of outstanding merit.

Postgraduate Diploma in Phonetics

All candidates must be graduates in a relevant subject of the University of Leeds or of another approved university or must possess equivalent qualifications approved by the Senate.

The scheme of study will extend over one academic year of full-time study starting in October.

Candidates will be expected to attend courses in:
Phonology
Schools of linguistic thought
General phonetics
English phonology and phonetics
Acoustic phonetics
Physiology of the organs of speech
Laboratory techniques in phonetics
Laboratory practicals
Ear training
Practical performance in articulatory phonetics
Field-work technique.

The scheme of examinations will be as follows:
1. Phonology (one paper)
2. Speech production, perception and acoustics; experimental phonetics (one paper)
3. Schools of linguistic thought; problems in phonetics; English phonology and phonetics (one paper)
4. Practical examination: Articulatory phonetics and practical performance
   Ear training
   Field-work project
   Laboratory project.

The diploma may be awarded with distinction to candidates whose work has been of outstanding merit.

Postgraduate Diploma in Textile Design

All candidates must be graduates of the University of Leeds or of another approved university or must possess an equivalent qualification such as a Diploma in Art and Design (Dip.A.D.). Candidates will be required to attend the University of Leeds for at least one academic year of full-time study.

Candidates shall attend the following courses and must satisfy the examiners in the examinations and other tests prescribed.
1. General textile technology

2. Such of the following courses as may be prescribed by the Head of the Department of Textile Industries:
   (a) Methods of fabric production (weaving, machine knitting and unconventional methods, fabric finishing)
   (b) Properties of textile fabrics
   (c) Printed textiles
   (d) Prescribed courses given in the Department of Fine Art.

The examination will consist of three written papers, an oral examination and an assessment of work carried out during the year.

Candidates will also be required to submit a portfolio of original designs for a specific type of textiles and if required, the work must be available for exhibition. In awarding the diploma special emphasis will be given to the quality of the original work.

A diploma with distinction may be awarded to a student whose work is judged to be of outstanding merit.

Postgraduate Diploma in the Phonetics of English

Candidates will normally be expected to have a degree in a relevant subject of the University of Leeds or of another approved university, or must possess equivalent qualifications approved by the Senate.

The scheme of work will normally extend over one academic year of full-time study starting in October.

Candidates will normally be required to attend courses on:
1. The phonetics and phonology of the English language (with consideration of the whole English-speaking world)
2. The rhythm and intonation of English
3. General phonetics
4. Phonological theory
5. English phonetics practicals
6. General phonetics practicals

and *two* further courses selected, with the approval of the Head of the Department of Linguistics and Phonetics, from the following:
1. Theory of intonation
2. Voice quality studies
3. Discourse analysis
4. English pronunciation lexicology
5. Analysis of spoken English
6. Generative phonology
7. Spoken English teaching materials preparation
8. Computer applications in phonetics teaching
9. Analysis of dramatic performance
10. English dialectology

Not all of these options will necessarily be available in any one year. Additional options may be offered from time to time. The scheme of examinations will be as follows:
1. Questions on English phonetics and phonology (1 paper)
2. General phonetics and phonology (1 paper)
3. Practical examination in English and general phonetics (½ paper)
4. An essay, report or exercise on each of the two optional courses, one to be submitted at the beginning of each of the second and third terms (¼ paper each)

The diploma may be awarded with distinction to candidates whose work has been of outstanding merit.

Courses in Arts

Arabic

For the degree of Bachelor of Arts in Arabic Studies

FIRST YEAR

Arabic grammar (3 hours a week); language practice (oral/aural) (4 hours a week); Arab history and culture to A.D. 1258 (2 hours a week).

SECOND YEAR

Abroad.

THIRD YEAR

Syntax and composition (2 hours a week); language practice (oral/aural) (4 hours a week); classical texts (2 hours a week); modern texts (4 hours a week); modern history of the Middle East and North Africa (2 hours a week).

FOURTH YEAR

Stylistics and composition (2 hours a week); language practice (oral/aural) (4 hours a week); modern texts (4 hours a week); modern history of the Middle East and North Africa (2 hours a week).

For the joint honours degree of Bachelor of Arts

FIRST YEAR

Grammar (3 hours a week); language practice (oral/aural) (2 hours a week); Arab history and culture to A.D. 1258 (2 hours a week).

SECOND YEAR

Abroad.

THIRD YEAR

Syntax and composition (2 hours a week); language practice (oral/aural) (2 hours a week); modern texts (2 hours a week); modern history of the Middle East and North Africa (2 hours a week).

FINAL YEAR

Stylistics and composition (2 hours a week); language practice (oral/aural) (2 hours a week); modern texts (2 hours a week); modern history of the Middle East and North Africa (2 hours a week)

Archaeology

As a subsidiary subject of one, two or three years for the degree of Bachelor of Arts

Archaeology 1 (2 lecture hours a week and 1 tutorial weekly.)
Two of the following:
1. Aims and methods of prehistoric archaeology.

2. Aims and methods of Roman archaeology.
3. Introduction to Archaeology of the Roman world.

EXAMINATION: 2 papers

Archaeology II and III

The following one year courses are available and the syllabus will be determined in consultation with the Head of the students' Department.

1. Archaeology of the Roman provinces
2. Archaeology of Roman Britain
3. Roman technology
4. Archaeology of Early Medieval Europe
5. Early Medieval Settlement in the British Isles
6. Archaeology of death
7. Archaeology of Later Medieval Europe
8. Archaeology of Monasticism
9. Structural criticism in Archaeology

Not all these courses will necessarily be available in any one year and other options may be introduced from time to time.

EXAMINATION: 2 papers.

Students taking archaeology as a two year subsidiary course will take one of the above courses (1–9) and be examined by one paper in the second year.

Chinese Studies

Chinese

For the degree of Bachelor of Arts in Modern Chinese Studies

FIRST YEAR

Chinese language, prescribed literature and documentary texts, Chinese studies (a survey of Chinese history from the earliest times to the present day; an introduction to Chinese culture). The second year will be spent in China or another Chinese-speaking territory.

THIRD YEAR

Chinese language, prescribed literature and documentary texts, Chinese studies (institutions and history), two option courses (from the list under FINAL EXAMINATION on p. 42) (10–12 hours a week).

FOURTH YEAR

Chinese language, prescribed literature and documentary texts, Chinese studies (institutions and history), one further option (from the list under FINAL EXAMINATION on p. 42) (10–11 hours a week).

Tutorials and practical classes (language laboratory) are arranged to support the courses outlined above. A complete list of prescribed texts is available in the Department of Chinese Studies.

For the degree of Bachelor of Arts in Chinese Studies

FIRST YEAR

Chinese language, prescribed texts and practicals (language laboratory)
8 hours a week of lectures, tutorials and practicals (language laboratory material)

Chinese studies
1 hour a week

A survey of Chinese history from the earliest times to the present day *or* an introduction to Chinese culture. The second year will be spent in China or another Chinese-speaking territory.

THIRD YEAR

Chinese language, prescribed literature, and documentary texts and practicals (language laboratory)
8 hours a week of lectures, tutorials and practicals
Chinese studies
2 hours a week
(a) Chinese institutions: the social, political and economic institutions of traditional and modern China
(b) The history of modern China.

FOURTH YEAR

Chinese language, prescribed literature and documentary texts. Prescribed texts and practicals (language laboratory).
8 hours a week of lectures, tutorials and practicals
Chinese studies (institutions and history) 2 hours a week.

The economic development of East Asia. A course given only for students taking the economics option in the Chinese Studies scheme. It covers the economic developments in China, Hong Kong, Taiwan, Korea and Japan and is examined separately by one paper.

For the joint honours degree of Bachelor of Arts

FIRST YEAR

Chinese language, prescribed texts, history and practicals (language laboratory).

THIRD YEAR

Chinese language, prescribed literature and documentary texts and practicals (language laboratory) 5–6 hours a week. Chinese history and institutions, 1 hour a week.

FOURTH YEAR

Chinese language, Chinese literature, Chinese history and institutions, and practicals (language laboratory) 6 hours a week. Tutorials will be arranged to support the courses outlined above.

Note: A complete list of texts is available in the Department of Chinese Studies.

As a subsidiary subject for the degree of Bachelor of Arts

FIRST YEAR

Chinese language, prescribed texts and practicals (language laboratory) 4 hours a week.

EXAMINATION

An oral examination in Chinese and two papers as follows:
1. Translation from Chinese into English
2. Translation from English into Chinese.

SECOND YEAR

Chinese language, prescribed literature and documentary texts and practicals (language laboratory) 3 hours a week. Chinese studies (a survey of Chinese history from the earliest times to the present day), 1 hour a week.

EXAMINATION

1. Prescribed texts (1½-hour paper)
2. Chinese studies.

THIRD YEAR

Chinese language, prescribed literature and documentary texts and practicals (language laboratory) 3 hours a week.

EXAMINATION

1. Translation from Chinese into English (1½-hour paper)
2. Prescribed texts (documents) (1½-hour paper)
3. Prescribed texts (literature) (1½-hour paper).

In assessing the result of the final examination the candidate's performance in the second-year examination will be taken into account.

Tutorials will be arranged to support the courses outlined above.

Note: A complete list of prescribed texts is available in the Department of Chinese Studies.

Chinese Civilization

Primarily as a subsidiary subject for the degree of Bachelor of Arts but also available as a subsidiary subject for the degree of Bachelor of Science.

ONE-YEAR COURSE

FIRST YEAR

1. A survey of Chinese history from the earliest times to the present day
2. An introduction to Chinese culture.

3 hours a week (2 hours a week of lectures; 1 hour tutorial).

EXAMINATION: 2 papers.

TWO-YEAR COURSE

1. Chinese history since 1800
2. Chinese institutions
3. Chinese literature with prescribed texts in translation

Second and third years: 3 hours weekly.

EXAMINATION: 3 papers.

Japanese Studies

As a subsidiary subject of one or three years for the degree of Bachelor of Arts.

FIRST YEAR

An introduction to Japanese language; Japanese society (3 hours of lectures and one tutorial weekly)

EXAMINATION:

1. An Introduction to Japanese Language
2. Japanese Society

and an oral examination in Japanese.

SECOND AND THIRD YEARS

Japanese Language; Modern Japan (2nd year: 2 hours of lectures and one tutorial weekly; 3rd year: 3 hours of lectures and one tutorial weekly).

THIRD YEAR EXAMINATION:

1. Japanese Language
2. Modern Japan

and an oral examination in Japanese.

Classics

For the degree of Bachelor of Arts

Greek prescribed genres for classics Schemes A, B and D:
Epic: selected books of Homer, Hesiod and Apollonius of Rhodes
Lyric and elegiac: selected odes of Pindar and Bacchylides; selected texts of early lyric and elegiac verse
Drama: selected plays of Aeschylus, Sophocles, Euripides and Aristophanes
Hellenistic Poetry: selected texts of Theocritus and other contemporary poets
Historians: selected portions of the Greek historians (especially Herodotus and Thucydides)
Orators: selected speeches of Demosthenes and other Greek orators
Philosophers: selected works of Plato and Aristotle.

Latin prescribed topics for classics Schemes A, B and D:
Two of:
Lyric poetry: detailed study of Catullus's lyric poetry and the *Odes* of Horace
Love elegy: Catullus, Propertius, Tibullus and Ovid
Historical writing: Sallust, Livy and Tacitus
Drama: Plautus, Terence and Seneca
Epic: detailed study of Virgil's *Aeneid*, and selections from later epic
Satire: Horace, Persius and Juvenal
Philosophical writing: Lucretius, Cicero and Seneca.

Economic Studies

First Year

Economic Principles 1

2 hours' lectures a week and tutorial classes fortnightly.

For first-year students reading for the degree of Bachelor of Arts in economic history, economic history and geography, economics, economics and accounting, economics and econometrics, economics and economic history, economics and geography, economics and history, economics and industrial relations, economics and philosophy, economics and politics, economics and politics with American studies, economics and social policy, economics and sociology, economics and Spanish, and Chinese studies and of Bachelor of Science in two main subjects combined.

Methods of economic analysis: rationality, logic and empirical evidence; markets for goods and factors of production; perfect and imperfect competition; elementary welfare economics; the general theory of employment, interest and money; inflation; international trade,

EXAMINATION: 1 paper of 3 hours.

Economic Institutions

1 hour's lecture a week and tutorial classes fortnightly.

For first-year students reading for the degree of Bachelor of Arts in economics, economics and econometrics, and economics and industrial relations, and of Bachelor of Science in two main subjects combined, and as an optional subject for first-year students reading for the degree of Bachelor of Arts in economics and accounting, economics and economic history, economics and geography, economics and history (option A), economics and philosophy, economics and politics, economics and politics with American studies, economics and social policy, economics and sociology, and economics and Spanish.

The organization of production: firms and industries; markets for goods, labour and financial assets; the role of the public sector; measurement, composition and growth of the national income; trade and the balance of payments; the management of the economy.

EXAMINATION: 1 paper of 3 hours.

Britain and the international economy after 1870

1 hour's lecture a week and tutorial classes fortnightly.

For first-year students reading for the degree of Bachelor of Arts in economics; as an optional subject for first-year students reading for the degree of Bachelor of Arts in economics and accounting, economics and econometrics, economics and economic history, economics and geography, economics and history (option A), economics and philosophy, economics and politics, economics and politics with American studies, economics and Russian, economics and social policy, economics and sociology, and economics and Spanish; for first-year students taking economic history as part of the subsidiary course Economics 1 and for those students reading for the degree of B.Sc. who are taking Economics 1B.

This course will examine the major trends in the international economy since 1870, with particular reference to Britain's changing role in it. After explaining how Britain provided the focus for the emergence of the late nineteenth-century international economy, and explaining its main components, the course will analyse the causes and consequences of its breakdown during the interwar years, and the bases of efforts, successful or otherwise, to recreate a viable world system since 1945.

EXAMINATION: 1 paper of 3 hours.

Mathematics for Economists

1 hour's lecture a week and tutorial classes weekly.

For first-year students reading for the degree of Bachelor of Arts in economics.

Revision of the essentials of algebra and co-ordinate geometry; non-linear functions, differential calculus (functions of one variable); differential calculus (functions of two or more variables); constrained optimisation; general equilibrium; integration and dynamics.

EXAMINATION: 1 paper of 3 hours.

Mathematics 1

1 hour's lecture a week and tutorial classes weekly.

For first-year students reading for the degree of Bachelor of Arts in economics, economics and accounting, and economics and econometrics.

Revision of basic mathematics and concepts in economics; introduction to matrix algebra; review of calculus; techniques of optimisation; continuous and discrete variable models.

EXAMINATION: 1 paper of 3 hours.

Accounting 1

2 hours' lectures a week and tutorial classes weekly.

For first-year students reading for the degree of Bachelor of Arts in economics and accounting and as an optional subject for first-year students reading for the degree of Bachelor of Arts in economics, and economics and econometrics, and for students reading accounting as a subsidiary subject.

This course is equally divided between financial and management accounting:

Financial accounting (first term)
The information collected and periodically reported to persons outside the business entity, an evaluation of the concepts and conventions implicitly underlying periodic financial statements, and a brief examination of suggested alternatives to historical cost.

Management accounting (second term)
The information utilised by internal management in using accounting models to plan and control the acquisition and utilisation of resources, with specific reference to the accountant's role in model design and implementation.

EXAMINATION: 1 paper of 3 hours.

Introduction to Industrial Relations

1 hour's lecture a week and tutorial classes fortnightly.

For first-year students reading for the degree of Bachelor of Arts in economics and industrial relations and as an optional subject for first-year students reading for the degree of Bachelor of Arts in economics, economics and accounting, economics and econometrics, economics and politics, economics and sociology and other joint-honours degrees including as a main subject either politics or sociology.

Scope and content of industrial relations; methods of analysis; conduct of industrial relations in Great Britain; trade unions and industrial relations; T.U.C.; management and industrial relations; employers' association and the C.B.I.; collective bargaining and the regulation of industrial relations; industry bargaining and domestic bargaining; other methods of regulation; government and industrial relations.

EXAMINATION: 1 paper of 3 hours.

Statistics 1

1 hour's lecture a week and tutorial classes weekly.

For first-year students reading for the degree of Bachelor of Arts in economics and accounting, and economics and econometrics and as an optional subject for students reading for the degree of Bachelor of Arts in economics.

General introduction to statistics and published data; descriptive statistics; index numbers; probability theory; random variables and probability distributions; introduction to sampling; introduction to statistical inference; simple regression and correlation.

EXAMINATION: 1 paper of 3 hours.

Quantitative Techniques in Economics

1 hour's lecture a week and tutorial classes weekly.

For first-year students reading for the degree of Bachelor of Arts in Chinese studies, economic history, economics and economic history, economics and geography, economics and history (option A), economics and industrial relations, economics and philosophy, economics and politics, economics and politics with American studies, economics and social policy, economics and sociology, and economics and Spanish.

An introduction to the applications of mathematics and statistics to economics.

EXAMINATION: 1 paper of 3 hours.

General Economics

1 hour's lecture a week and tutorial classes fortnightly.

For first-year students taking the subsidiary course Economics 1 and for those students reading for the degree of B.Sc. who are taking Economics 1B.

Prices, markets, production and costs, industrial organization; the economy as a whole, employment, income, money and banking, growth.

EXAMINATION: 1 paper of 3 hours.

British Economic History 1750-1914

1 hour's lecture a week and tutorial classes fortnightly.

For first-year students reading for the degree of Bachelor of Arts in economic history, economic history and geography, economics and economic history, and economics and history (option B) and for students taking the subsidiary course Economic History 1.

Major aspects of economic experience; the process and consequences of industrialisation; long-term changes in the structure of the economy; the growing involvement in international trade and finance; the changing role of the state in economic and social affairs.

EXAMINATION: 1 paper of 3 hours.

English Economic History 1066-1750

1 hour's lecture a week and tutorial classes fortnightly.

For first-year students reading for the degree of Bachelor of Arts in economic history, economic history and geography, economics and economic history, and economics and history (option B); for students taking the subsidiary course Economic History 1; and as an optional subsidiary course for second-year students reading for the degree of Bachelor of Arts in geography.

An outline course covering the period between the Norman Conquest and the Industrial Revolution.

EXAMINATION: 1 paper of 3 hours.

Second Year

Economic Principles 2

2 hours' lectures a week and tutorial classes fortnightly.

For second-year students reading for the degree of Bachelor of Arts in economics, economics and accounting, economics and econometrics, economics and economic history, economics and geography, economics and history (option A), economics and industrial relations, economics and philosophy, economics and politics, economics and politics with

American studies, economics and social policy, economics and sociology, economics and Spanish, and Chinese studies and of Bachelor of Science in two main subjects combined.

Microeconomics: Theory of consumer behaviour, production and cost functions; general equilibrium and economic welfare, externalities and public goods; uncertainty, imperfect competition and theories of the firm; theories of factor pricing and income distribution.

Macroeconomics: Theories of aggregate consumption and investment; the supply and demand for money; the labour market; aggregate demand and supply and macro models of closed and open economies; theories of inflation; growth and cycle theory.

EXAMINATION: 1 paper of 3 hours.

Applied Economics

2 hours' lectures a week and tutorial classes fortnightly.

For second-year students reading for the degree of Bachelor of Arts in economics, economics and econometrics, economics and economic history, economics and geography, economics and history (option A), economics and industrial relations, economics and philosophy, economics and politics, economics and politics with American studies, economics and social policy, economics and sociology, and economics and Spanish, and of Bachelor of Science in two main subjects combined and as an optional course for third-year students reading for the degree of Bachelor of Arts in economic history, and economics and accounting.

The aim of this course is to provide an understanding of the main elements of UK economic performance and policy in the post-war period and of the ability of economic theory to illuminate them. Topics include industrial performance and policy; functioning of labour markets; distribution and welfare; inflation; stabilisation policy and public finance; growth and planning; trade and the balance of payments.

EXAMINATION: 1 paper of 3 hours.

Economics of Growth, Distribution and Development

2 hours' lectures a week and tutorial classes fortnightly.

For second-year students reading for the degree of Bachelor of Arts in economic history, economic history and geography, and economics and history (option B).

The factors of production and their measurement; economics of growth; market structure; investment; the labour market; monetary theory and policy; Keynesian analysis; business cycles; international trade.

EXAMINATION: 1 paper of 3 hours.

Statistics for Economists

2 hours' lectures a week and tutorial classes weekly.

For second-year students reading for the degree of Bachelor of Arts in economics.

General introduction to statistics and published data; the presentation of data; summary measures; index number problems; random variables and probability distributions; probability distributions and density functions; sampling and sampling distributions; estimation and properties of estimators; introduction to statistical inference; simple regression and correlation; multiple regression; introduction to econometrics.

EXAMINATION: 1 paper of 3 hours.

Management Accounting 2

2 hours' lectures a week and tutorial classes weekly.

For second-year students reading for the degree of Bachelor of Arts in economics and accounting and as an optional subject for second- and third-year students reading for the degree of Bachelor of Arts in economics and econometrics. Students taking the course as an optional subject should normally have passed Accounting 1. There are two parts to the course:

(a) *Management Accounting 2a* provides an extension and development of management accounting techniques introduced in Accounting 1. In addition, these techniques will be placed in a wider organisational context taking account of motivations, pressures and constraints which impinge on their design and implementation, including the problems of dealing with imperfect information.

(b) *Quantitative Financial Management* illustrates and analyses the application of quantitative techniques developed by operations researchers to management accounting problems, including an introduction to the use of electronic data processing in furtherance of such applications.

EXAMINATION: 1 paper of 3 hours.

Financial Accounting 2

2 hours' lectures a week and tutorial classes fortnightly.

For second-year students reading for the degree of Bachelor of Arts in economics and accounting and as an optional subject for second- and third-year students reading for the degree of Bachelor of Arts in economics and econometrics. Students taking the course as an optional subject should normally have passed Accounting 1.

The course comprises two components:

Company Law
The initial ten lectures are an introduction to company law dealing with company formation, financing, capital structure, administration and control.

Company Accounting
The remaining lectures consider the content and construction of company accounts, introduce corporate taxation, trace the development of legal and institutional disclosure requirements, explain concepts of consolidated accounts, examine methods of analysing corporate financial statements and evaluate the relevance to current users of the information published by limited companies.

EXAMINATION: 1 paper of 3 hours.

Business Finance 2

2 hours' lectures a week and tutorial classes fortnightly.

For second-year students reading for the degree of Bachelor of Arts in economics and accounting and as an optional subject for second- and third-year students reading for the degree of Bachelor of Arts in economics and econometrics.

This course consists of an introduction to both the analytical and practical aspects of financial management in the context of the firm's financial policy decisions. The legal and institutional background to securities markets and their participants and to financial management, the valuation of a firm's securities, capital market theory, sources of finance, long-term investment decisions, capital structure and dividend policies, working capital management, mergers, corporate failure and reorganisation and special problems confronting small businesses.

EXAMINATION: 1 paper of 3 hours.

Mathematics and Statistics 2

2 hours' lectures a week and tutorial classes weekly.

For second-year students reading for the degree of Bachelor of Arts in economics and accounting and economics and econometrics and as an optional subject for second-year students reading for the degree of Bachelor of Arts in economics.

(a) *Mathematics*
Differential Equations; Matrix Algebra: review of basic concepts, eigen values and vectors, linear transformations and quadratic forms, applications in statistics; *Differential Calculus:* extensions to functions of several variables, optimisation subject to constraints.

(b) *Statistics*
Sampling theory: sampling distributions, central limit theorem; *Estimation:* point estimation, extensions of maximum likelihood, interval estimation; *Hypothesis Testing:* simple and composite hypotheses, likelihood ratio and other tests; *Analysis of Variance:* one way and two way classifications; *Multiple Regression:* the general linear model, Gauss Markov Theorem; *Introduction to Non-Parametric Statistics:* order statistics, testing hypotheses using distribution free methods.

EXAMINATION: 1 paper of 3 hours.

Labour Economics 2

2 hours' lectures a week and tutorial classes fortnightly.

For second-year students reading for the degree of Bachelor of Arts in economics and industrial relations and as an optional subject for second- and third-year students reading for the degree of Bachelor of Arts in economic history, economics, economics and accounting, economics and econometrics, economics and economic history, economics and geography, economics and history (option A), economics and politics, economics and social policy and economics and sociology.

This is a course in labour economics which assumes some knowledge of industrial relations and economic theory. It covers: the theory of labour supply demand; concepts of human capital; trade unions as economic institutions and their bargaining power; pay differentials by industry and occupation; unemployment, its causes and possible cures; general level of money wages and wages in the inflationary process; role of labour policy in economic management.

EXAMINATION: 1 paper of 3 hours.

Industrial Relations and Trade Union History

2 hours' lectures a week and tutorial classes fortnightly.

For second-year students reading for the degree of Bachelor of Arts in economics and industrial relations and optional for second- and third-year students reading for the degree of Bachelor of Arts in economic history and economics and economic history.

Section A: trade union history since 1660
Conditions giving rise to trade unionism. Antecedents before 1660; collective protests in the 18th century; sectionalism 1789-1851; coming to terms with capitalism 1851-1889; trade unions and politics; impact of war; the road to the General Strike and the aftermath; mass unemployment, trade unions and the Labour Party; the Second World War and rebirth of the shop-stewards' movement; corporatism after 1945; the return of mass unemployment.

Section B: industrial relations
The course will be a comparative one concerned with the growth and practice of industrial relations in the major capitalist countries, Third World countries and the U.S.S.R. It will

examine changes in ideology relating to sexism and racism; and the impact on trade union organisation and methods of changes in political control, technology and the growth of multi-nationals.

EXAMINATION: 1 paper of 3 hours.

Comparative Economic Systems and Economic Development

1 hour's lecture a week and tutorial classes fortnightly.

For second-year students reading for the degree of Bachelor of Arts in Chinese studies and as an optional course for second- and third-year students reading for the degree of Bachelor of Arts in economic history, economics, economics and econometrics, economics and economic history, economics and geography, economics and history (option A), economics and politics, economics and social policy, and economics and sociology.

Analysis of developing and developed market economies, and of centrally planned economies, bringing out the differences and similarities between capitalism and socialism and examining their convergence and divergence.

EXAMINATION: 1 paper of 3 hours.

International Economics

2 hours' lectures a week and tutorial classes fortnightly.

For second-year students reading for the degree of Bachelor of Arts in Chinese studies and as an optional course for second- and third-year students reading for the degree of Bachelor of Arts in economics, economics and accounting, economics and econometrics, economics and economic history, economics and geography, economics and history (option A), economics and politics, economics and social policy, and economics and sociology.

The nature and significance of international dependence; the gains from trade; the balance of payments, the foreign exchange market and the concept of external balance; national policies, the balance of payments, and adjustment mechanism under the present international monetary system; commercial policy, economic integration and development; international capital flows; international monetary reform.

EXAMINATION: 1 paper of 3 hours.

The British Economy in the Twentieth Century

1 hour's lecture a week and tutorial classes fortnightly.

For second-year students reading for the degree of Bachelor of Arts in economic history, economic history and geography, economics and economic history; and economics and history (option B); and as an optional subject for second- and third-year students reading for the degree of Bachelor of Arts in economics, economics and econometrics, economics and geography, economics and history (option A), economics and politics, economics and social policy, and economics and sociology.

This course will examine the changing composition and structure of the British economy in the 20th century. It will examine the influence of two world wars; Britain's role in the international economy; major trends in industrial structure, employment and social welfare; business cycles; economic growth; the development and implementation of economic policy; and the interaction between theory and policy.

EXAMINATION: 1 paper of 3 hours.

Economic history of the United States since 1783

1 hour's lecture a week and tutorial classes weekly or fortnightly.

For second-year students reading for the degree of Bachelor of Arts in economic history, economic history and geography, economics and economic history; economics and history (option B); economics and politics with American studies; and as an optional subject for third-year students reading for the degree of Bachelor of Arts in economics, economics and econometrics; economics and geography, economics and history (option A), economics and politics, economics and social policy, and economics and sociology.

The course outlines the growth of the United States since 1783, analysing the colonial origins of development, the geographical expansion of the United States, the determinants of American economic growth, the concentration of economic power, and the state and the economy.

EXAMINATION: 1 paper of 3 hours.

Historical Statistics and Sources

1 hour's lecture a week and tutorial classes fortnightly.

For second-year students reading for the degree of Bachelor of Arts in economic history. Optional for second-year students reading for the degree of Bachelor of Arts in economics and economic history.

The examination of major documents, including printed and statistical source material specially suited to enquiries in economic history, together with important instances of their use by economic historians in published work.

EXAMINATION: Assessment will be on the basis of performance in project work completed during second-year vacations.

Theme in Economic History

1 hour's lecture a week and tutorial classes fortnightly.

For second-year students reading for the degree of Bachelor of Arts in economic history; and as an optional subject for second-year students reading for the degree of Bachelor of Arts in economics and economic history.

The course will examine a major economic theme or topic over a number of centuries. Particular themes chosen may vary, but could include such as trade and the growth of markets, industrialisation, and the state and the economy.

EXAMINATION: Assessment will be on the basis of project work completed during second-year vacations.

Third Year

Introduction to Applied Econometrics

1 hour's lecture a week and tutorial classes weekly.

For third-year students reading for the degree of Bachelor of Arts in economics.

Review of regression theory and applications; introduction to simultaneous equation models; problems of identification and least squares bias, alternative estimation methods, topics in applied econometrics; applied econometric project.

EXAMINATION: 1 paper of 3 hours.

Management Accounting 3

2 hours' lectures a week and tutorial classes fortnightly.

For third-year students reading for the degree of Bachelor of Arts in economics and accounting and as an optional course for third-year students reading for the degree of

Bachelor of Arts in economics and economics and econometrics. Students taking the course as an optional subject should normally have passed Management accounting 2.

This course builds on the contents of Management accounting 2 with paricular attention being paid to the measurement of performance and recent developments in organisational theory/behavioural science and operations research insofar as they are relevant to management accounting.

EXAMINATION: 1 paper of 3 hours.

Financial Accounting 3

2 hours' lectures a week and tutorial classes fortnightly.

For third-year students reading for the degree of Bachelor of Arts in economics and accounting and as an optional course for third-year students reading for the degree of Bachelor of Arts in economics and economics and econometrics. Students taking the course as an optional subject should normally have passed Financial accounting 2.

This course builds on Financial accounting 2, particularly in the fields of alternative methods of income and value measurement for financial reporting purposes and the development of financial accounting theory.

EXAMINATION: 1 paper of 3 hours.

Taxation

1 hour's lecture a week and tutorial classes fortnightly.

For third-year students reading for the degree of Bachelor of Arts in economics and accounting.

The course provides an outline of the U.K. taxation system with an emphasis on the taxation of business organisations and a comparison with overseas taxation systems.

EXAMINATION: (parts of) 1 paper of 3 hours.

Business Finance 3*

1 hour's lecture a week and tutorial classes fortnightly.

This course examines the modern theory of business finance in an analytical and rigorous fashion and further develops topics considered in Business finance 2. The area covered includes the implications for decision-making of alternative firm objectives; the firm's investment and financing decisions in conditions of certainty and uncertainty with both perfect and imperfect capital markets and further consideration of working capital management, company growth through mergers, and corporate failure.

EXAMINATION: (parts of) 1 paper of 3 hours.

International Financial Management*

1 hour's lecture a week and tutorial classes fortnightly.

An optional half-course for third-year students reading for the degree of Bachelor of Arts in economics and accounting.

The course encompasses the essentials of international business finance and accounting with special reference to the problems of multinational companies. It discusses the motivations and goals of multinationals and the variety of risks faced by them. It covers techniques of capital investment appraisal, sources of multinational and export finance and the implications of multinational taxation.

* At least one of these courses will be available each year.

It depicts both the financial and managerial implications inherent in multinational accounting. The course also covers the growth of multinational accounting, emerging patterns of accounting development and EEC accounting.

EXAMINATION: (parts of) 1 paper of 3 hours.

Econometrics

2 hours' lectures a week and tutorial classes fortnightly.

For third-year students reading for the degree of Bachelor of Arts in economics and econometrics, and as an optional course for third-year students reading for the degree of Bachelor of Arts in economics and of Bachelor of Science in two main subjects combined.

This course examines the statistical methods of econometrics used in establishing quantitative relationships between economic variables and their application to specific economic problems. Topics covered include: simple and multiple regression models; least squares and maximum likelihood, estimation, hypothesis testing and prediction; extensions of the general linear model; generalised least squares; multi-collinearity, use of linear restrictions, dummy variables, autoregressive models including distributed lag models; simultaneous equation models; structure of equation systems, identification problems, least squares estimation and simultaneous equation bias, indirect and two stage least squares estimators, systems methods, forecasting with equation systems; applications; demand analysis, production functions, consumption functions, macro-econometric models and their use.

EXAMINATION: 1 paper of 3 hours.

Applied Econometrics

2 hours' lectures a week and tutorial classes fortnightly.

For third-year students reading for the degree of Bachelor of Arts in economics and econometrics.

Statistical demand analysis; production functions; models of investment behaviour; wage price models; the consumption functions; macro econometric model building. All students will complete a computer-based applied econometric project during the second half of the course.

EXAMINATION: 1 paper of 3 hours.

Contemporary Labour Problems and Policies

1½ hours a week.

For third-year students reading for the degree of Bachelor of Arts in economics and industrial relations.

Introduction to pay and employment policies; counter inflationary wage policies; the problem of low pay; employment and wages discrimination; labour market and income redistribution effects of the taxation and social security systems; pay and employment in the public sector; full employment policies in the short run; the U.K. experience in theory and practice; labour force development, training, and the concept of an active labour market policy; public policy and the structure of collective bargaining.

EXAMINATION: Assessment will be on the basis of performance in an dissertation of about 8,000 words, on a topic to be approved in writing by the Chairman of the School of Economic Studies not later than the last day of the first term of the third year, and submitted by the second Tuesday of the third term of the final year.

Theories of Labour Relations

1½ hours a week.

For third-year students reading for the degree of Bachelor of Arts in economics and industrial relations.

The course will deal with the main economic and sociological theories which have dealt with or impinged on labour relations. It is intended to define the term 'labour relations' in a wide manner so that we can examine the philosophical discussions around the term 'labour'. Amongst the theorists we shall examine will be Ricardo, Marx, Marshall, Perlman, Marcuse, and Galbraith.

EXAMINATION: 1 paper of 3 hours.

Optional Courses

Courses in lists A, B, C, D, and E which form only optional elements of degree schemes and are not required components of any scheme within the School of Economic Studies may not be available every year. Their availability will be subject to the approval of the Chairman of the School. Such courses are indicated by an asterisk in the lists.

List A — Second- and third-year optional courses

For second- and third-year students reading for the degree of Bachelor of Arts in economics, economics and econometrics, economics and economic history, economics and geography, economics and history (option A), economics and industrial relations, economics and philosophy, economics and politics, economics and politics with American studies, economics and social policy, economics and sociology, and economics and Spanish.

Economics and industry*
Labour economics 2
International economics
Comparative economic systems and economic development
Business finance 2
Management accounting 2
Financial accounting 2
The British economy in the twentieth century
Industrial relations and trade union history

Courses not previously detailed are outlined below.

Economics of industry

2 hours' lectures a week and tutorial classes fortnightly.

Structure of markets in the private sector, the conduct of sellers within them and their subsequent performance; concentration; scale economies; barriers to entry; problems of industries in the public sector; relationships between the government and the private sector.

EXAMINATION: 1 paper of 3 hours.

List B — Third-year optional courses in economic theory

1½ hours each a week at times to be arranged.

For third-year students reading for the degree of Bachelor of Arts in Chinese studies, economics, economics and econometrics, economics and geography, economics and history, economics and industrial relations, economics and philosophy, economics and

* Subject to the approval of the Chairman of the School.

politics, economics and politics with American studies, economics and social policy, economics and sociology, and economics and Spanish, and for third-year students reading for the degree of Bachelor of Science in two main subjects.

Theory of markets*
Economic growth and development*
Theory of international trade*
Marxist economic theory*
Monetary theory*
Theory of public sector policy*

Theory of markets

Walras's auctioneer; trading at false prices; price and quantity disequilibria; time, uncertainty; expectations.

EXAMINATION: 1 paper of 3 hours.

Economic growth and development

Harrod-Domar; neo-classical growth theories; technical progress; neo-Keynesian theories of growth and distribution; growth and development.

EXAMINATION: 1 paper of 3 hours

Theory of international trade

Gains from trade; theory of trade policy for a small country; patterns of trade; theory of tariffs for a large trading economy; theory of economic integration; trade imbalance and balance of payments adjustment; external direct investment and multi-national companies.

EXAMINATION: 1 paper of 3 hours

Marxist economic theory

Marxist method and its application to society; economic relations of capitalism; theory of value and distribution; reproduction, accumulation, cycles and structural development; money and inflation; welfare economics.

EXAMINATION: 1 paper of 3 hours

Monetary theory

Demand for money; money as an asset; portfolio choice; supply of money and its control; money in an open economy with fixed and floating exchange rates; monetary theory of inflation; efficacy of fiscal and monetary policy; crowding-out.

EXAMINATION: 1 paper of 3 hours.

Theory of public sector policy

Pareto optimality; social welfare and social justice; externalities and public goods; taxation — incidence and shifting; fiscal and monetary policy.

EXAMINATION: 1 paper of 3 hours

List C — third-year optional courses

For third-year students reading for the degree of Bachelor of Arts in economics, economics and econometrics, economics and geography, economics and history (option A), economics and industrial relations, economics and philosophy, economics and politics,

* Subject to the approval of the Chairman of the School.

economics and politics with American studies, economics and social policy, economics and sociology, and economics and Spanish.

(a) Courses which are also required components of a degree scheme within the School of Economic Studies:
Financial accounting 3
Management accounting 3
Contemporary labour problems and policies†
Theories of labour relations
Economic history of the United States since 1783

(b) Courses which are also optional components of the degree of B.A. in economics and industrial relations:
Trade unions and British industrial relations*
The distribution of income and wealth*

(c) Courses which are also optional components of the degree of B.A. in economic history:
The Atlantic economy 1783-1960*
Britain in the 1930s: Unemployment and economic growth*
Europe in the world economy, 1870–1914*
The economic history of inland transport 1760–1914*
Consumer society *c*.1690–*c*.1750*

(d) Courses representing the specialist interest of members of staff, of which recent examples are:
The economic environment, economic theory and economic policy*
Economics of public enterprise and transport*
Environmental economics*
Industrial structures and strategy*
Issues in economic method, theory and practice*

All courses in List C may require that certain second-year optional courses have been taken previously.

List D — third-year optional papers in quantitative subjects

2 hours' lectures a week and tutorial classes fortnightly.

For third-year students reading for the degree of Bachelor of Arts in economics, and economics and econometrics and for third-year students reading for the degree of Bachelor of Science in two main subjects combined.

Sample survey techniques*
Econometrics
Operational research*
Mathematical economics*

Courses not previously detailed are outlined below.

Sample survey techniques

The course covers theoretical and practical aspects of sample surveys. Sampling schemes involving stratification, clustering, etc, are discussed in some detail, emphasis being placed on statistical efficiency, cost and administrative convenience. Problems of determination of sample size, ratio estimates and non-sampling errors are also covered. Actual surveys, like the family expenditure survey, are used as illustrations.

EXAMINATION: 1 paper of 3 hours.

* Subject to the approval of the Chairman of the School.
† This course will be examined by a dissertation (see page 305 for details).

Operational research

Application of mathematical methods to problems in management and economics. Topics include mathematical programming and industrial applications, the transportation problem, network analysis, dynamic programming and queueing theory.

EXAMINATION: 1 paper of 3 hours.

Mathematical economics

The object of this course is to treat selected economic problems in a mathematical fashion. The topics taught may vary from year to year, but will include such areas as:
1. Consumer demand analysis and some extensions, e.g. labour supply, demand for durables, choice under uncertainty.
2. Theory of investment.
3. Theory of growth.
4. Macro models with budget constraints, wealth accumulation. Discrete and continuous time models.
5. Wage-price models.
6. Macro policy in closed and open models.

EXAMINATION: 1 paper of 3 hours.

List E — third-year optional papers for B.A. Economics and Accounting students

Applied economics (see second-year course list)
Economics of industry* (see list A)
Labour economics 2 (see second-year course list)
Monetary theory* (see list B)
Econometrics (see third-year course list)
Mathematical economics* (see list D)
International economics (see second-year course list)

English

As a subsidiary subject of one, two or three years for the degree of Bachelor of Arts

First Year (2 lecture hours and one tutorial weekly)

Shakespeare
Practical criticism

EXAMINATION: 2 papers

Second Year (2 lecture hours a week and tutorials in alternate weeks)
English literature from Renaissance to Romantics

EXAMINATION: 1 paper

Third Year (2 lecture hours a week and tutorials in alternate weeks)
English literature from 1815 to the present

EXAMINATION: 1 paper

* Subject to the approval of the Chairman of the School.

For the joint honours degree of Bachelor of Arts

First Year

(i) Renaissance poetry
(ii) Renaissance drama
(iii) Perspectives on the Renaissance
(iv) Tutorial classes

EXAMINATION: 2 papers.
(The course on Perspectives on the Renaissance will be examined within the papers for Renaissance poetry and Renaissance drama.)

Second Year

(i) English literature from Renaissance to Romantics
(ii) *Either* Shakespeare
or Medieval literature
(iii) Tutorial classes

EXAMINATION: (Part I): 2 papers.

Third Year

(i) English literature from 1815 to the present
(ii) Special option (see below)

EXAMINATION: One paper and the appropriate examination for the special option (see below)

LIST OF SPECIAL OPTIONS

At least four of these options will be offered in any one year as determined by the School of English:
Old English poetry*; Icelandic family saga; Development of the Arthurian legend; Chaucer and the European literary tradition; Medieval drama; Romance, ballad and fairy tale; Some foreign perspectives on the art of fiction in the nineteenth century; Novels of the mid-Victorian period; Images of psychology in nineteenth-century fiction; Later Dickens; Darwin, Marx, Nietzsche and Freud; Ibsen and English drama; Henry James; American literature of the 1920s and 1930s†; The English novel in the 1930s; Form and experiment in twentieth-century drama; Commonwealth literature; Critical theory; Feminist approaches to literature; Contemporary British poetry; Aspects of Modernism; Contemporary American fiction; Dictionaries; Lexicology†; Linguistics and literary style; Pidgins and Creoles*; Variety in contemporary English.

EXAMINATION: Special options are examined as follows (unless otherwise stated)
One essay of approximately 3,000 words to be submitted by the end of the second week of the second term of the final year. One essay of approximately 5,000 words to be submitted by the end of the second week of the third term of the final year.

* Essays as above, plus short paper not exceeding two hours, to test translation skills
† One 3-hour paper

Icelandic

As a subsidiary subject for the degree of Bachelor of Arts

ONE-YEAR COURSE

First year; 3 hours a week at times to be arranged.

Introduction to Old Icelandic literature, with some study of later literary and linguistic developments. Some texts will be read in the original, others in translation.

EXAMINATION: 2 papers.

TWO-YEAR COURSE*

Second and third years; 3 hours a week at times to be arranged.

Detailed study of texts chosen to illustrate the continuity of Icelandic language and literature. Texts will be read in the original Icelandic.

FINAL EXAMINATION: 3 papers and an oral examination.

French

As a subsidiary subject for the degree of Bachelor of Arts

Course requirement: An A level pass in French is normally required.

ONE-YEAR COURSE

First year; 3 hours a week.

Translation into French; translation into English; twentieth-century literature and institutions.

Prescribed texts.

EXAMINATION: 2 papers and an oral examination.

TWO-YEAR COURSE

Second year: 4 hours a week.

Translation into French; translation into English; essay in French; phonetics; conversation; *one* option from the list available to second year Honours French students (to be chosen with the express approval of the Head of the Department). See page 107.

Third year: 4 hours a week.

Translation into French; translation into English; essay in French; conversation; *one* option from the list available to third year Honours French students (to be chosen with the express approval of the Head of the Department). See page 107.

FINAL EXAMINATION

Second year: 2 (1½-hour) papers.

Third year: 2½ (three-hour) papers and an oral examination.

The attention of candidates who offer French as a three-year subject for a single-honours degree is drawn to the regulation regarding the examination in the second year. See page 107.

* This course will not necessarily be available every year.

For the joint honours degree of Bachelor of Arts

FIRST YEAR

Translation into French; translation into English; literature and institutions.

EXAMINATION: 2 papers and an oral examination.

SECOND YEAR

(with Arabic)

Translation into French; translation into English; practical work in written and oral French; and *two* of the following: seventeenth-century French literature; eighteenth-century French literature; history, structure and use of the French language.

EXAMINATION: Two 1½-hour papers

(with Chinese (third year), Greek civilization)

Translation into French; translation into English; practical work in written and oral French; and *two* of the following: seventeenth-century French literature; eighteenth-century French literature; history, structure and use of the French language; French history and institutions 1789–1851.

EXAMINATION: two 1½-hour papers.

(with English, Music, Portuguese)

Translation into French; translation into English; practical work in written and oral French; and *two* of the following: seventeenth-century French literature; eighteenth-century French literature; history, structure and use of the French language; Problems of Modern France.

EXAMINATION: two 1½-hour papers.

(with history)

Translation into French; translation into English; practical work in written and oral French; and *two* of the following: seventeenth-century French literature; eighteenth-century French literature; Problems of Modern France.

EXAMINATION: two 1½-hour papers.

(with linguistics)

Translation into French; translation into English; practical work in written and oral French; history, structure and use of the French language; and *either* seventeenth-century French literature *or* eighteenth-century French literature.

EXAMINATION: two 1½-hour papers.

(with management studies, philosophy)

Translation into French; translation into English; French in the world of business and summary reporting; practical work in written and oral French; and *two* of the following: seventeenth-century French literature; eighteenth-century French literature; history, structure and use of the French language; French history and institutions 1789–1851; Problems of Modern France.

EXAMINATION: two 1½-hour papers.

(with religious studies, theology)

Translation into French; translation into English; practical work in written and oral French; and *two* of the following: seventeenth-century French literature; eighteenth-century French literature; French history and institutions 1789–1851; Problems of Modern France.

EXAMINATION: two 1½-hour papers.

(with Roman civilization)

Translation into French; translation into English; practical work in written and oral French; seventeenth-century French literature; and *either* history, structure and use of the French language *or* French history and institutions 1789–1851.

EXAMINATION: two 1½-hour papers.

FINAL YEAR

(with Arabic)

Translation into French; translation into English; essay in French; practical work in written and oral French; one special subject and *one* of the following: seventeenth-century French tragedy; nineteenth-century French fiction; literature and politics in twentieth-century France; contemporary French history and institutions; Nature and use of modern French.

EXAMINATION: 3½ papers and an oral examination.

(with Chinese)

Translation into French; translation into English; essay in French; practical work in written and oral French; one special subject and *one* of the following: seventeenth-century French tragedy; nineteenth-century French fiction; modern poetry from Baudelaire to Valéry; literature and politics in twentieth-century France; contemporary history and institutions.

EXAMINATION: 3½ papers and an oral examination.

(with English, linguistics, philosophy, theology)

Translation into French; translation into English; essay in French; practical work in written and oral French; one special subject and *one* of the following: seventeenth-century French tragedy; Literature and imagination in the Enlightenment; nineteenth-century French fiction; modern poetry from Baudelaire to Valéry; literature and politics in twentieth-century France; contemporary French history and institutions; Nature and use of Modern French.

EXAMINATION: 3½ papers and an oral examination.

(with history)

Translation into French; translation into English; essay in French; practical work in written and oral French; one special subject and *one* of the following: seventeenth-century French tragedy; Literature and imagination in the Enlightenment; nineteenth-century French fiction; modern poetry from Baudelaire to Valéry; literature and politics in twentieth-century France; Nature and use of Modern French.

EXAMINATION: 3½ papers and an oral examination.

(with management studies)

Translation into French; translation into English; essay in French; conference précis writing; practical work in written and oral French; one special subject and *one* of the following: seventeenth-century French tragedy; nineteenth-century French fiction; contemporary French history and institutions; literature and imagination in the Enlightenment; modern poetry from Baudelaire to Valéry; Nature and use of Modern French.

EXAMINATION: 4 papers and an oral examination.

(with music)

Translation into French; translation into English; essay in French; practical work in written and oral French; one special subject and *one* of the following: modern poetry from Baudelaire to Valéry; nineteenth-century French fiction.

EXAMINATION: 3½ papers and an oral examination.

(with Portuguese)

Translation into French; translation into English; essay in French; practical work in written and oral French; one approved special subject and *one* of the following: seventeenth-century French tragedy; nineteenth-century French fiction; modern poetry from Baudelaire to Valéry; literature and politics in twentieth-century France; contemporary French history and institutions; Nature and use of Modern French.

EXAMINATION: 3½ papers and an oral examination.

(with religious studies)

Translation into French; translation into English; essay in French; practical work in written and oral French; one approved special subject and *one* of the following: seventeenth-century French tragedy; literature and imagination in the Enlightenment; nineteenth-century French fiction; literature and politics in twentieth-century France; contemporary French history and institutions; Nature and use of Modern French.

EXAMINATION: 3½ papers and an oral examination.

(with Roman civilization and Greek civilization)

Translation into French; translation into English; essay in French; practical work in written and oral French; one approved special subject and *one* of the following: seventeenth-century French tragedy; nineteenth-century French fiction; modern poetry from Baudelaire to Valéry; contemporary French history and institutions; Nature and use of Modern French.

EXAMINATION: 3½ papers and an oral examination.

For the degree of Bachelor of Arts in French Language and Literature, in modern languages, and in French and Latin

FIRST YEAR

First year; at times to be arranged.

Practical work in written and oral French; translation into French; translation into English.

Introduction to the study of language and Romance philology; phonetics; *history and structure of the French language.

*French literature from 1800 to the present day. (Introduction to modern French literature — for students reading modern languages and French and Latin.)

Introduction to modern France 1945 to the present day; *the development of French society from the Middle Ages to 1715.

*Introduction to critical concepts and textual analysis

EXAMINATION

FRENCH LANGUAGE AND LITERATURE: Four 3-hour papers and two 1½-hour papers
Two essays of approximately 1,500 words on approved topics, to be submitted by 1 May
Oral examination

MODERN LANGUAGES
FRENCH AND LATIN } Two 3-hour papers and three 1½-hour papers
Oral examination.

* For students reading French Language and Literature only and not for those reading modern languages or French and Latin.

SECOND YEAR

Practical work in written and oral French; *three* (for Single Honours French) *two* (for Modern Languages and French and Latin) of the following to be selected with the approval of the Department:

History, structure and use of the French language
French history and institutions from 1789–1851
Problems of modern France
Seventeenth-century French literature
Eighteenth-century French literature

EXAMINATION: Three 1½ papers (for Single Honours French)
Two 1½-hour papers (for Modern Languages and French and Latin)

FINAL YEAR

Translation into French; translation into English; **explication de textes*; other exercises in written and oral French; *two* options (for French) *one* option (for modern languages and French and Latin) from the following list† to be selected with the approval of the Head of the Department:

Seventeenth-century French tragedy
Literature and imagination in the Enlightenment
Nineteenth-century French fiction
Modern poetry from Baudelaire to Valéry
Literature and politics in twentieth-century France
Contemporary French history and institutions
Nature and use of Modern French

One of the following special subjects† to be selected with the approval of the Head of the Department:

(a) Medieval society in France
(b) Montaigne
(c) Pascal
(d) Molière
(e) Eighteenth-century French society
(f) Nineteenth-century French thinkers
(g) Women in French literature
(h) Twentieth-century French drama
(i) Twentieth-century French novel
(j) Proust
(k) Ionesco
(l) Surrealism
(m) The Occupation in French literature
(n) French cinema in the 1930s
(o) *Les média français*
(p) Modern colloquial French
(q) French and the world of business
(r) Sociolinguistic themes in the history of French
(s) French as an administrative language
(t) Liaison interpreting

EXAMINATION: 7 papers and an oral examination (for Single Honours French)
4 papers and an oral examination (for modern languages and French and Latin).

* For students reading French Language and Literature only and not for those reading modern languages or French and Latin.

† Not all the subjects in these lists will necessarily be available in any one year, and new subjects may be added from time to time.

Geography

As a subsidiary subject for the degree of Bachelor of Arts

ONE-YEAR COURSE

Environmental processes 1 (1 lecture a week).

Either Historical geography and urbanisation processes* (1 lecture a week consisting of two half courses)
or Geographical analysis — systems, location and resources* (1 lecture a week).

EXAMINATION: Two 3-hour papers.

TWO-YEAR COURSE

The second- and third-year syllabus and final examination for geography as a three-year subsidiary subject will be determined in consultation with the Head of the candidate's Department.

Normally, two lecture courses in each year will be taken.

In the School of Geography tutorial and essay work is required in all three years and candidates may be required to attend field courses, one of which may be held in a vacation period. Field-work will be tested in the examinations.

FINAL EXAMINATION: 3 papers covering all the subjects taken in the two-year course.

Courses leading to the single or joint honours degree of Bachelor of Arts

Historical Geography (Half course)

Optional for first-year students reading for the degree of Bachelor of Arts in geography, Chinese studies and in all joint honours schemes with geography as a component.

1 hour a week (12 lectures)

The course offers an introduction to the historical dimension in geography with particular reference to the processes affecting geographical changes through time. Settlement and land use in south-west Asia, Europe and Britain are studied as expressions of the interactions between changing cultures and habitats.

Urbanisation Processes (Half course)

Optional for first-year students reading for the degee of Bachelor of Arts in geography, Chinese studies and in all joint honours schemes with geography as a component.

1 hour a week (12 lectures)

The course is an introduction to the processes influencing the contemporary form and function of cities and urban systems in both the Developed and Third Worlds. A prime concern of the course will be to create an understanding of the range of urban phenomena which can result from the interaction of different physical, historical, economic and cultural backgrounds.

Environmental Science (Half course)

Optional for first-year students reading for the degree of Bachelor of Arts in geography, Chinese studies and in all joint honours schemes with geography as a component.

1 hour a week (12 lectures)

* To be chosen with the approval of the Chairman of the School of Geography.

Erosion processes — mass movements, hydraulic erosion, removal in solution. Global climatic systems and atmospheric processes.

EXAMINATION: Historical Geography, Urbanisation Processes and Environmental Science will be examined on a single paper. Students will be expected to answer on two of the three courses.

Environmental Processes

For first-year students reading for the degree of Bachelor of Arts in geography, Chinese studies, and in all joint honours schemes with geography as a component.

1 hour a week.

Glacial processes, land-forms and deposits. Soil processes and weathering. Hydrological processes — atmospheric, surface and subsurface. Essential processes for the functioning of ecosystems.

Geographical Analysis — systems, location and resources

For first-year students reading for the degree of Bachelor of Arts in geography, Chinese studies and in all joint honours schemes with geography as a component.

1 hour a week.

Three kinds of topic are explored in this course. The first is an introduction to systems analysis in geography. An account is given of basic concepts, system diagrams, types of problem and types of system. The methods are illustrated with examples from physical resources and urban geography. The second is an introduction to locational analysis. The basic spatial and economic concepts underlying the locational analysis of urban and rural land uses are examined, and the relevance of these concepts at different spatial scales is discussed. The third is a study of the functioning and management of resource systems which utilise the world's lands, soils, forests and wildlife populations. Particular problems which arise from man's use of such natural resources are examined, and amelioration measures are considered by which man-resource problems might be solved.

EXAMINATION: 1 paper.

Geography Practical I

For first-year students reading for the degree of Bachelor of Arts in geography.

4 hours a week. Examination by continuous assessment.

An introduction to statistical, mathematical and cartographic techniques for the presentation, manipulation and analysis of geographical data. These techniques are taught in conjunction with practical work arising from the three first-year courses in geography.

For first-year students reading for the degree of Bachelor of Arts in Chinese studies and in all two-subject schemes with geography as a component.

1 hour a week. Examination by continuous assessment.

Approaches in Human Geography

For second- and third-year students reading for the degree of Bachelor of Arts in geography. Optional for second- and third-year students reading geography as part of a joint honours degree scheme, or with Chinese studies.

1 hour a week over two years.

A course of lectures, group work and reading designed to demonstrate the development of human geography as a coherent intellectual discipline, to introduce and illustrate a group of

standard approaches in contemporary geography, and to explore the responses of geography to a range of practical and intellectual problems in the modern world.

EXAMINATION: 1 paper of 3 hours at end of final year.

Urban Studies

Optional for second-year students reading for the degree of Bachelor of Arts in geography, and for students reading geography as part of a joint honours degree scheme or with Chinese studies. This course is strongly recommended for students intending to take Urban and regional modelling and planning theory or Urban planning and development in the third year.

1 hour a week.

An introduction to the forces and processes contributing to the physical and social form of the city. Consideration is given to land use and ownership in cities, to transportation systems within cities, and to the influence of planning. Social patterns within cities are discussed and the processes of residential location and change are considered, with particular reference to ethnic groups in cities.

EXAMINATION: 1 paper.

Natural Resources

Optional for second-year students reading for the degree of Bachelor of Arts in geography.

Optional for students reading geography as part of a joint honours degree scheme or with Chinese studies (third year). This course is strongly recommended for students intending to take Resource Studies in the third year.

1 hour a week.

An introduction to the ecological and economic basis of natural resources. Issues arising from management and exploitation of non-renewable and renewable resources are considered and are exemplified by an examination of energy, mineral, water and timber resource systems.

EXAMINATION: 1 paper.

Spatial Economic Systems and Regional Development

Optional for second-year students reading for the degree of Bachelor of Arts in geography and for students reading geography as part of a joint honours degree scheme or with Chinese studies.

1 hour a week.

The course falls into two parts. The first half considers industrial systems and the organisation of productive activity in contemporary developed economies. The second half examines spatial imbalances and regional development policy in Britain and the EEC. This course is recommended for students intending to take Regional Analysis and Planning in the third year.

EXAMINATION: 1 paper (1½ hours).

Third World Issues and Problems

Optional for students reading for the degree of Bachelor of Arts in geography and for students reading geography as part of a joint honours degree scheme or with Chinese studies.

Half course: 1 hour a week for half the year.

Students will be introduced to a range of problems which confront Third World nations and people — in particular the economic patterns resulting from the heritage of colonialism, issues of community, ideology, politics, class and culture, the changing countryside and the expanding cities. These problems will be considered in relation to theory.

EXAMINATION: 1 paper (1½ hours) examining this and another half course.

Contemporary Rural Change in Atlantic Europe

Optional for students reading for the degree of Bachelor of Arts in geography and for students reading geography as part of a joint honours degree scheme or with Chinese studies.

Half course: 1 hour per week for half the year.

A consideration of the broad processes of social and economic change which affect rural areas, in selected parts of Britain, France and Spain. Some field work will be undertaken from Leeds and in association with existing field courses. Attention will be focussed on change in the visible landscape, on land ownership, and on the consequences of rural emigration and suburbanisation.

EXAMINATION: 1 paper (1½ hours) examining this and another half course.

Population Studies

Optional for students reading for the degree of Bachelor of Arts in geography and for students reading geography as part of a joint honours degree scheme or with Chinese studies.

Half course: 1 hour a week for half the year

An introduction to the patterns and trends in population and fertility, mortality and migration components of change at various spatial scales — world, world region, national and national region.

This course is strongly recommended for students intending to take Spatial Population Analysis and Policy in the third year.

EXAMINATION: 1 paper (1½ hours) examining this and another half course.

Theories of Rural Change

Optional for students reading for the degree of Bachelor of Arts in geography and for students reading geography as part of a joint honours degree scheme or with Chinese studies.

Half course: 1 hour per week for half the year.

This course will examine the different variations of planned rural change which have been applied to various parts of the world, particularly from the standpoint of relations among land reform, increased rural outputs and state involvement in agriculture. Particular attention will be given to the experience of socialized agriculture respectively in U.S.S.R., Eastern Europe and some developing countries such as Vietnam and Mozambique.

EXAMINATION: 1 paper (1½ hours) examining this and another half course.

Environmental Change

Optional for second-year students reading for the degree of Bachelor of Arts in geography, in joint honours schemes with geography as a component, and for third-year students reading for the degree of Bachelor of Arts in Chinese studies.

1 hour a week.

The factors controlling climatic change over the last 100,000 years, and at present. Vegetation history of equatorial and temperate areas since the glacial maximum. Effects of deforestation. Glacial and periglacial landforms. Coastal change in late glacial and recent times.

EXAMINATION: 1 paper (1½ hours)

Climate and Biogeography

Optional for second-year students reading for the degree of Bachelor of Arts in geography, in joint honours schemes with geography as a component, and for third-year students reading for the degree of Bachelor of Arts in Chinese studies.

1 hour a week.

Climatic processes at local to global scales. Plant distributions and their geographical interpretation. Processes and factors that control the formation of soils.

EXAMINATION: 1 paper (1½ hours)

Catchment Dynamics

Optional for second-year students reading for the degree of Bachelor of Arts in geography, in joint honours schemes with geography as a component, and for third-year students reading for the degree of Bachelor of Arts in Chinese studies.

1 hour a week.

Hillslope hydrology including vegetation and water chemistry. Channel network form, hydrological function and long term evolution. Catchment landforms and their evolution in response to erosional events.

EXAMINATION: 1 paper (1½ hours)

Geography Practical II

For second-year students reading for the degree of Bachelor of Arts in geography. Optional for students reading geography as part of a joint honours Bachelor of Arts degree or with Chinese studies. Parts of this course are also available as another approved course in geography to students reading for the degree of Bachelor of Arts in geography.

3 hours a week.

An introduction to research procedures in geography including the collection, verification and analysis of data. The student selects one of the following sub-courses appropriate to his or her scheme of study: (i) historical data sources, social survey techniques and computing methods in human geography; (ii) modelling and computing methods in human geography; (iii) computing, photogrammetry and surveying; (iv) modelling and computing methods for physical geography.* With the permission of the Chairman of the School of Geography, one of the two following sub-courses provided for B.Sc. students may be taken also: Biogeography laboratory; Meteorology and Hydrology laboratory. Details of the main B.A. options are given below:

(a) **Historical Data Sources, Social Survey Techniques and Computing Methods in Human Geography**

1 hour a week and practical work.

A course which introduces a wide range of historical source materials including censuses: considers sampling and social survey methods with specific reference to questionnaire and

* May be taken as an approved course by second-year students reading for the degree of B.A. in geography with the special permission of the Chairman of the School of Geography.

interview techniques; and provides instruction in the use of computer and computer program packages including SPSS, the statistical package for the social sciences.

EXAMINATION: 1 paper (1½ hours) and continuous assessment.

(b) **Modelling and Computing Methods in Human Geography**

1 hour a week and practical work.

The course provides a knowledge of mathematical modelling and computing techniques as are necessary for a full understanding of theoretical and analytical development in human geography.

EXAMINATION: 1 paper (1½ hours) and continuous assessment.

(c) **Computing, photogrammetry and surveying**

1 hour a week and practical work.

An introduction to computer programming in Pascal, photogrammetry and surveying and their application to map-making.

EXAMINATION: 1 paper (1½ hours) and continuous assessment.

Historical Geography of Monsoon Asia

For students reading for the degree of Bachelor of Arts in Chinese studies with geography. Optional for students reading for the degree of Bachelor of Arts in geography.

2 hours a week.

A comparative study of India, Japan, South-East Asia and China with reference to significant phases of their human history and to the visible landscapes and invisible dynamics of their component regions.

EXAMINATION: 1 paper (3 hours).

Urban and Regional Modelling and Planning Theory

Optional for students reading for the degree of Bachelor of Arts in geography, or reading geography as part of a joint honours degree scheme.

2 hours a week including seminar and practical work.

An introduction to planning theory with special reference to analysis; urban and regional modelling in theory and practice; applications of models in planning.

EXAMINATION: 1 paper.

Spatial Population Analysis and Policy

Optional for third-year students reading for the degree of Bachelor of Arts in geography and for students reading geography as part of a joint honours degree scheme.

2 hours a week including seminar and practical work.

The course considers the concepts and tools necessary for the analysis of population and reviews recent advances and findings in work on spatial population dynamics. The application of the analytic methods covered to planning and policy related problems is assessed.

EXAMINATION: 1 paper.

Resource Studies (1 or 2 courses)

Optional for third-year students reading for the degree of Bachelor of Arts in geography, and for students reading geography as part of a joint-honours degree scheme.

May be taken as one or two courses, each of which involves 2 hours teaching a week including seminar and practical work.

There are five modules: (i) land resources (ii) water resources (iii) energy resources (iv) environmental risk and (v) the petroleum industry. Students taking Resource Studies as two courses take four modules; students taking Resource Studies as one course take an approved selection of two modules. Not all modules will necessarily be available in any one year.

(i) *land resources;* theory and practice of land evaluation, impact assessment and reclamation
(ii) *water resources;* theory and practice of social and environmental evaluation of water resources development
(iii) *energy resources;* problems and issues arising in the production and utilisation of energy resources
(iv) *environmental risk;* problems and issues in the estimation, perception and management of environmental risks
(v) *the petroleum industry;* an introduction to the technology of finding, producing, transporting and processing oil and natural gas

EXAMINATION: 1 or 2 papers.

Historical Analysis of Settlement in Britain

For third-year students reading for the degree of Bachelor of Arts in economic history and geography, and geography and history. Optional for students reading for the degree of Bachelor of Arts in geography, economics and geography, geography and philosophy, geography and politics, geography and Russian studies, geography and sociology.

2 hours a week including seminar and practical work.

An investigation of the nature and limitations of archaeological, place-name, documentary and cartographic evidence relating to the location and functional organisation of settlement at successive stages in the history of Britain.

EXAMINATION: 1 paper.

Urban Planning and Development

Optional for third-year students reading for the degree of Bachelor of Arts in geography and for students reading geography as part of a joint honours degree scheme.

2 hours a week including seminar and practical work.

A consideration of attempts to provide and control the physical fabric and infrastructure of cities so that they will most nearly satisfy the demands and aspirations of their inhabitants.

EXAMINATION: 1 paper.

Regional Analysis and Planning

Optional for third-year students reading for the degree of Bachelor of Arts in geography and for students reading geography as part of a joint honours degree scheme.

2 hours a week including seminar and practical work.

The course considers geographical aspects of the theory and practice of regional planning in Britain and the EEC, and reviews recent advances in work on the spatial analysis of regional development.

EXAMINATION: 1 paper.

The Geography of Public Services

Optional for third-year students reading for the degree of Bachelor of Arts in geography and for students reading geography as part of a joint honours degree scheme.

2 hours a week including seminar and practical work.

The course focuses on the spatial distribution and planning of public services in the UK. Topics covered will include transportation planning, health care planning and analysis, local government organisation and finance, and the spatial incidence of fiscal transfers including taxation and social securtiy. Emphasis will be placed on the use of analytic methods to help understand and plan public service systems.

EXAMINATION: 1 paper.

Photogrammetric Mapping and Remote Sensing of the Environment

Optional for third-year students reading for the degree of Bachelor of Arts in geography and for third-year students reading geography as part of a joint honours degree scheme.

2 hours a week including seminar and practical work.

A consideration of recent advances in the theory and practice of photogrammetric mapping and remote sensing of earth resources.

EXAMINATION: 1 paper.

Philosophy and Geography

Optional for third-year students reading for the degree of Bachelor of Arts in Geography and Philosophy.

2 hours a week including seminar and practical work.

An introduction to the philosophical concepts which relate to the foundations of geographical theory, with particular reference to social and political philosophy and the philosophy of science.

China

For third-year students reading for the degree of Bachelor of Arts in Chinese studies and optional for third-year students reading for the degree of Bachelor of Arts in geography and for certain students reading geography as part of a joint honours degree scheme.

2 hours a week including seminar work.

Selected topics including: the physiography and regional structure of China, the historical origins of regional differences in China, and the geographical implications of the reorganisation of Chinese economy and society. Attention is paid to problems of sources, and students are also required to undertake more specialised study of appropriate topics of their choice.

EXAMINATION: 1 paper.

Latin America

For third-year students reading for the degree of Bachelor of Arts in geography and Spanish, and optional for third-year students reading for the degree of Bachelor of Arts in geography and for certain students reading geography as part of a joint honours degree scheme or with Chinese studies.

2 hours a week including seminar work.

Selected topics including: the colonial historical geography of Latin America, an analysis of the geographical implications of major social and economic problems of contemporary

importance; and a discussion of specific problems with reference to selected countries and regions.

EXAMINATION: 1 paper.

Union of Soviet Socialist Republics

For third-year students reading for the degree of Bachelor of Arts in geography and Russian studies, and optional for third-year students reading for the degree of Bachelor of Arts in geography and for certain students reading geography as part of a joint honours degree scheme.

2 hours a week including seminar work.

An investigation of the impact of centralised economic and political control on the organisation of space in the U.S.S.R. Topics include: town planning, regional development, agriculture, industry, population migration and resource management.

EXAMINATION: 1 paper.

Degree of Bachelor of Science

For schemes of study leading to the degree of Bachelor of Science in geography (one main subject or two main subjects combined), see the calendar *Faculties of Science and Engineering*.

German

As a subsidiary subject of one or three years for the degree of Bachelor of Arts.

ONE-YEAR COURSE

4 hours a week

1. Translation and composition (1 hour)
2. Language laboratory practice in German language (1 hour)
3. Modern German texts (2 hours)

EXAMINATION

1. Translation and composition
2. Modern German texts

Oral examination

THREE-YEAR COURSE

First year: 4 hours a week

1. Translation and composition (1 hour)
2. Language laboratory practice in German language (1 hour)
3. Modern German texts (2 hours)

EXAMINATION

1. Translation and composition
2. Modern German texts

Oral examination

Second year: 4 hours a week

1. Translation and composition (1 hour)
2. Oral German and German essay (1 hour)
3. A seminar chosen from the list for course 8 under BA German Scheme A (1 hour)
4. Eighteenth-century literature (1 hour: as the first year of course 5 under BA German Scheme A)

EXAMINATION: taken in March

Eighteenth-century literature and texts (2-hour paper; half-paper equivalent)

Candidates will also be required to submit, not later than the first day of the first term of their final year of study, an essay of 4,000–5,000 words on an approved subject taken from the field covered by their second-year seminar course in German.
The results of the second-year examination and essay are taken into account in arriving at the results of the final examination in subsidiary German which is an integral part of the final degree examination.

Third year: 4 hours a week

1. Translation and composition (1 hour)
2. Oral German and German essay (1 hour)
3. A seminar chosen from the list for course 8 under BA German Scheme A (1 hour)
4. Nineteenth-century literature (1 hour: as second year of course 6 under BA German Scheme A).

EXAMINATION

1. Translation and composition (2-hour paper; half-paper equivalent)
2. Essay (1½-hour paper)
3. Nineteenth-century literature (2-hour paper; half-paper equivalent)
4. Examination on field covered by final-year seminar course (2-hour paper; half paper equivalent)

Oral examination

Students taking German as a subsidiary subject to another modern language will, if they reside for a year in the country where this main language is spoken, spend the summer term of their second year at a German-speaking university approved by the Head of the Department of German. Students who take German as a subsidiary subject to another modern language but who do not reside for a year in a country where this main language is spoken will, before returning to Leeds for their final year, follow a vacation course at a German-speaking university approved by the Head of the Department of German.

Students taking German as a subsidiary subject to Russian will be required either to spend the summer term of their penultimate year in Russia or an Eastern European country and one month of the following long vacation in a German-speaking country or to spend the summer term of their penultimate year in a German-speaking country at a university approved by the Heads of both Departments.

For the degree of Bachelor of Arts in German, modern languages (German component) and joint honours degrees (German component)

First year

1. Translation and composition
2. German and English essays
3. Oral German
4. Introduction to German literature since 1750
5. Seminar on prescribed texts
6. The German-speaking lands since 1945
7. Middle High German (German and modern languages only).

Second and final years

Courses 1, 2 and 3 are common to all schemes:

1. Translation and composition (two-year course)
2. German and English essays (two-year course)
3. Oral German (two-year course).

The other approved courses are as follows:

For German Scheme A

4. The New High German language (two-year course)
5. Middle High German literature and texts (two-year course)
6. Eighteenth-century literature and texts (two-year course)
7. Nineteenth-century literature and texts (two-year course)
8. Twentieth-century literature and texts (two-year course)
9. Seminar courses* (two to be taken in second year, one in final year):
   (a) Introduction to linguistics with special reference to contemporary German†
   (b) Minnesang
   (c) Additional Middle High German texts
   (d) Early New High German texts
   (e) Sixteenth- and seventeenth-century texts
   (f) Seventeenth-century German poetry
   (g) Friedrich Schiller
   (h) Romantic Perspectives
   (i) Austrian drama in the nineteenth century
   (j) Regional prose writers
   (k) The intellectual background to modern German studies: Schopenhauer, Nietzsche and Freud
   (l) Political theatre in the Weimar Republic
   (m) Poetry since 1945
   (n) Andersch and Böll
   (o) Youth in the German Democratic Republic
   (p) Marx and Marxism
   (q) Bernhard and Handke
   (r) Film in Germany
10. A special subject (for students of German as a single subject).

For German Scheme B

11. Old High German (two-year course)
12. Middle High German literature and texts (two-year course; as course 5 in German Scheme A)
13. The New High German language (two-year course)

One of the following (14–16):

14. Eighteenth-century literature and texts (two-year course; as course 6 in German Scheme A)
15. Nineteenth-century literature and texts (two-year course; as course 7 in German Scheme A)
16. Twentieth-century literature and texts (two-year course; as course 8 in German Scheme A)
17. Seminar courses (two to be taken in second year, one in final year). At least one topic to be chosen from group (f) to (r) under 9 in German Scheme A.

One of the following (18–19):

18. Old Icelandic‡ (two year course)
19. The New High German language (two-year course): as course 4 in German Scheme A.

As an alternative to courses 18, 19: an extended essay on an approved subject.

* Further topics may be added from time to time; not all topics will necessarily be available every year.
† Taught in the Department of Linguistics and Phonetics.
‡ Partly taught in the School of English

For Modern Languages (German Scheme A)
Two of the following (20–23):

20. Middle High German literature and texts (two-year course; as course 4 in German Scheme A)
21. Eighteenth-century literature and texts (two-year course; as course 5 in German Scheme A)
22. Nineteenth-century literature and texts (two-year course; as course 6 in German Scheme A)
23. Twentieth-century literature and texts (two-year course; as course 7 in German Scheme A)

24. Seminar courses (one to be taken in second year, one in final year):
Choice of topics from topics (a) to (q) under course 8 in German Scheme A.

For Modern Languages (German Scheme B)
25. Middle High German literature and texts (two-year course; as course 4 in German Scheme A).
One of the following (26–27):

26. Old High German (two-year course; as course 11 in German Scheme B)
27. The New High German language (two-year course; as course 4 in German Scheme A).

One of the following (28–30):

28. Eighteenth-century literature and texts (two-year course; as course 6 in German Scheme A)
29. Nineteenth-century literature and texts (two-year course; as course 7 in German Scheme A)
30. Twentieth-century literature and texts (two-year course; as course 8 in German Scheme A)

31. One seminar course in second year:
Choice of topics from topics (f) to (r) under 9 in German Scheme A
32. One seminar course in final year:
Either Minnesang (as course 9 (b) in German Scheme A)
or Additional Middle High German texts (as course 9 (c) in German Scheme A).

For German in joint-honours schemes:
Two of the following (33–36):

33. The New High German language (two-year course; as course 4 in German Scheme A)
34. Eighteenth-century literature and texts (two-year course; as course 6 in German Scheme A)
35. Nineteenth-century literature and texts (two-year course; as course 7 in German Scheme A)
36. Twentieth-century literature and texts (two-year course; as course 8 in German Scheme A)

37. Seminar courses (one to be taken in second year, one in final year): Choice of topics from topics (a) to (r) under course 9 in German Scheme A.
38. In addition:
for German and Philosophy, German and Religious Studies, German and Theology, either a special subject or an extended essay
for Arabic and German, Chinese and German, English and German, German and Hebrew, German and History of Art, German and Linguistics, German and Music, an extended essay
for German and Management Studies, a course in German for Business (second year).

Greek

*As a subsidiary subject for the degree of Bachelor of Arts**

Greek: ONE-YEAR COURSE

Previous knowledge of Greek is not required for entry on this course.

First year: 4 hours a week.

Study of Classical Greek language and literature with translation of texts from Greek into English and from English into Greek.

EXAMINATION: 2 papers of 3 hours each.

Greek: TWO-YEAR COURSE

Second and third years: 4 hours a week plus one practical class for students choosing Modern Greek.

Study of prescribed texts in Classical Greek; translation of unprescribed Classical Greek texts; *either* study of ancient Greek tragedy and epic in translation *or* study of Modern Greek language and literature.

EXAMINATION: 3 papers of 3 hours each.

Candidates who choose the option in Modern Greek language and literature will be required to spend a period of one month in Greece and attend there a vacation course as approved by the Chairman of the School of Classics and the Head of the student's parent Department.

For the single honours degree of Bachelor of Arts

Prose Composition

First, second and third years; tutorially.

EXAMINATION: 1 paper in the first and final years.

Unseen Translation

First, second and third years; tutorially.

EXAMINATION: 1 paper each year.

Greek Books, Scribes and Scholars

First or second year (half); 1 hour a week at a time to be arranged.

Greek Metre

First or second year (half); 1 hour fortnightly at a time to be arranged.

Greek Language

First and second years (half); 1 hour fortnightly at a time to be arranged.

* Subject to the approval of the Board of the Faculties, candidates who are specially recommended by the Chairman of the School of Classics may be admitted in their first year to the second-year course of the three-year scheme and so proceed in their third year to take a selected course in Greek at a higher standard. The courses under this scheme are known as Greek Ix, IIx and IIIx.

***Orators**

First year (half); 2 hours a week at times to be arranged.

Study of prescribed texts.

***Epic**

First year (half); 2 hours a week at times to be arranged.

Study of prescribed texts.

***Drama 1**

First year (half); 2 hours a week at times to be arranged.

Study of prescribed texts with special attention to Sophocles and Euripides.

***Lyric and Elegiac**

Second year (half); 1 hour a week at a time to be arranged.

Study of selected texts of early lyric and elegiac verse.

***Historians**

Second year (half); 2 hours a week at times to be arranged.

Study of prescribed texts.

***Drama 2**

Second year (half); 2 hours a week at times to be arranged.

Study of prescribed texts with special attention to Aeschylus and Aristophanes.

***Philosophers 1**

Second year (half); 2 hours a week at times to be arranged.

Study of prescribed works of Plato and Aristotle.

Philosophers 2

Third year (half); 2 hours a week at times to be arranged.

Study of Plato, *Republic*.

Hellenistic Poetry

Third year (half); 2 hours a week at times to be arranged.

Study of prescribed texts of Theocritus and other contemporary poets.

Pindar and Bacchylides

Third year (half); 2 hours a week at times to be arranged.

Study of prescribed odes of Pindar and Bacchylides.

Textual Criticism

Third year (half); 1 hour a week at a time to be arranged.

Study of prescribed text with special attention to its transmission.

Courses in Greek history will be given by co-operation with the School of History; for details see under History, page 136.

* The courses from Orators to Philosophers 1 inclusive will be given once only in each two-year period.

Greek Civilization

As a subsidiary for the degree of Bachelor of Arts

ONE-YEAR COURSE

First year: 3 hours weekly, at times to be arranged.

The diffusion of Greek language, literature and thought from the Bronze Age to the beginning of the fourth century B.C., with prescribed Greek texts in translation.

EXAMINATION: 2 papers of 3 hours each.

SECOND AND THIRD YEARS

3 hours weekly at times to be arranged; courses leading to an examination of 3 papers of 3 hours each:

(i) Greek epic: Greek tragedy (one paper)
(ii) Two of the following subjects (one paper):
  (a) Greek art
  (b) Greek historical writing
  (c) Greek philosophy
(iii) *Either* two of the following subjects (one paper):*
  (a) Greek lyric
  (b) Greek comedy
  (c) Greek oratory
  (d) Hellenistic poetry
  (e) Greek politics and society
  (f) A period of Greek history
  (g) Another subject approved by the Chairman of the School of Classics

Or Translation, with comment, from Greek texts (one paper).

As a one-year subject for the joint honours degree of Bachelor of Arts

COURSE REQUIREMENT

For admission to this course a pass at O-level in a language other than English is required. Students beginning Greek will receive 3 hours' tuition a week in Greek language; students with Greek will receive 2 hours' tuition a week.

First year; 2 hours' lectures, 1 hour tutorial and 2 or 3 hours' linguistic instruction a week.

The diffusion of Greek language, literature and thought from the Bronze Age to the beginning of the fourth century B.C., with prescribed Greek texts in translation.

Greek grammar, translation of prescribed texts and unseen translation.

EXAMINATION: 2 papers of 3 hours each.

History

As a subsidiary subject for the degree of Bachelor of Arts and for joint honours degree schemes with history

Students reading history as a subsidiary subject may do so for one year or for three years.

Those who do so for one year only take the first-year examination. Those reading history for three years take this examination at the end of the first year and the final examination in history (consisting of 2 papers), at the end of the third year of their studies.

* Not all these subjects will be offered every year and the list may be varied from time to time.

FIRST-YEAR EXAMINATION: 2 papers, selected with the approval of the Chairman of the School of History from:

The ancient world
Medieval Europe
Early modern Europe: power, people and the making of the State, *c.* 1450 – *c.* 1789
The making of the modern world.

The second- and third-year syllabus and final examination for history as a three-year subsidiary subject will be determined in consultation with the Head of the candidate's Department.

Postgraduate Courses

The following postgraduate courses of lectures are offered in the School:

1. Western palaeography
2. An introduction to historical criticism, bibliography and diplomatic I
3. An introduction to historical criticism, bibliography and method II
4. An introduction to historical sources.

History of Art

For the joint honours degree of Bachelor of Arts: English and the History of Art, German and the History of Art, History of Art and History of Scientific Thought, History of Art and Italian, Music and the History of Art, Philosophy and the History of Art, Religious Studies and the History of Art, Sociology and the History of Art, Spanish and the History of Art, Theology and the History of Art

FIRST YEAR

Lectures and tutorials at times to be arranged.

See Fine Art p. 93, First Year, 1 only. 4 lectures or tutorials a week.

SECOND YEAR

See Fine Art p. 93, Second Year, 1(a) and (b) and 2 only; Third Year 2(b) only. 4 lectures and 1 tutorial a week.

FINAL YEAR

See Fine Art p. 93, Third Year, 1 and 2(a) only. Fourth Year 1 only. 3 lectures or tutorials a week.

A long essay or dissertation of 8,000–10,000 words is written on an approved subject which may relate to either or both of the two schemes of study.

As a subsidiary subject for the degree of Bachelor of Arts and for the degree of Bachelor of Arts in Textile Design

ONE-YEAR COURSE

First year: 3 lectures and 1 tutorial a week.

An introduction to the study of the history and criticism of art.

EXAMINATION: 1 written paper (Elements of the history and criticism of art I).

Candidates may be called for an oral examination.

TWO-YEAR COURSE

4 hours a week.

European and American art and architecture from 1750 to the present day
European art and architecture in the seventeenth century (not for textile design students)
History of costume (textile design students only)
Theories and institutions of European and American art (not for textile design students).

FINAL EXAMINATION

3 written papers in a special subject
Theories and institutions of European and American art
Designated artists
Candidates may be called for oral examination.

Italian

As a subsidiary subject for the degree of Bachelor of Arts

ONE-YEAR COURSE

For beginners (Italian 1):

4 hours a week. Grammar, exercises in written Italian, translation and independent composition, a modern Italian text.

EXAMINATION: 2 papers, an oral examination and an aural comprehension test.

For students with previous knowledge (Italian 1x):

4 hours a week. Written and oral Italian language, lectures on 20th-century Italian history, two modern Italian texts.

EXAMINATION: 2 papers (one on written language, one on history and texts) and an oral examination.

THREE-YEAR COURSE

Second year: 4 hours per week. Written and oral Italian language, lectures on 20th-century Italian history, two modern Italian texts.

EXAMINATION (end of second term): 1 paper on history and texts. The third term of this year is normally spent abroad.

Third year: 4 hours per week. Written and oral Italian language, 20th-century dramatic texts, extracts from Dante's *Inferno*.

EXAMINATION: 2 papers (one on language, one on literature) and an oral examination.

In the three-year course the results of the second-year examination contribute to the final result in subsidiary Italian, which in turn is an integral part of the final degree examination.

Students who begin this course in Italian 1x take the third-year courses described above in their second year. In their final year, in addition to language work, they have a choice, at the discretion of the Head of Department, between various two-hour literature and society courses which are offered to Honours students (Honours Years 1 or 2). The examination on this chosen course constitutes their final-year literature paper.

Candidates taking Italian as a subsidiary subject to Russian will either spend the third term of their penultimate year in Russia (or another East European country) and at least one month in the long vacation preceding their final year following an approved course of study

in Italy; or will spend the third term of their penultimate year following an approved course of study in Italy.

Candidates who take Italian as a subsidiary subject to any other modern language and who spend the third year abroad will be required to spend the third term of their second year in Italy, this period to include attendance at an approved course of study.

Other candidates who offer Italian as a three-year subsidiary subject will be required to spend a period of at least one month in Italy during the long vacation following their second year, this period to include attendance at an approved course of study.

For the single honours degree of Bachelor of Arts

Translation into Italian, translation into English, essay and conversation, history of the language, periods of Italian literature with special reference to selected texts, aspects of Italian history and civilization, phonetics of Italian, special subjects, dissertation.

SCHEME 1

First Year
6 hours of lectures a week.

EXAMINATION: 5 papers and an oral examination.

Second Year
8 hours of lectures a week.

Final Year
9 hours of lectures a week.

EXAMINATION: 8 papers and an oral examination, or 7 papers, a dissertation and an oral examination.

*Special subjects**
Two of the following:
- The minor works of Dante
- Lyric poetry of the Italian Renaissance
- The works of Niccolò Machiavelli
- The Counter-Reformation 1500–1648
- The works of Giovanni Verga
- The modern Italian novel.

One of the special subjects may be replaced by a dissertation on an approved subject.

SCHEME 2

First Year
6 hours of lectures a week. Grammar, translation into Italian, translation into English, literature and prescribed texts, phonetics of Italian, essay and conversation.

EXAMINATION: 3 papers and an oral examination.

Second Year
As for the first year of Scheme 1.

Third Year
As for the second year of Scheme 1.

Fourth Year
As for the final year of Scheme 1.

* Not all these special subjects will necessarily be offered every year and approved courses may be added from time to time.

Latin

*As a subsidiary subject for the degree of Bachelor of Arts**

ONE-YEAR COURSE

No previous knowledge of Latin is required for this course. Four tutorial hours at times to be arranged. Language work, unprepared translation, translation from prescribed Latin texts.

EXAMINATION: 2 papers of 3 hours each.

TWO-YEAR COURSE

Second-year lectures Monday and Friday 10 to 11; 1 tutorial hour at a time to be arranged.

Third-year lectures Tuesday and Wednesday 12 to 1; 1 tutorial hour at a time to be arranged.

Prose composition *or* linguistic exercise, unprepared translation, prescribed books, Latin literature.

EXAMINATION: 1 paper of 3 hours and 2 papers of 2 hours.

The timetable and lectures of candidates in Latin Ix and IIx are the same as those for second- and third-year candidates, as listed under 'Two-Year Course' above.

The timetable for IIIx candidates will include lectures on Tuesday and Wednesday 12 to 1; the syllabus will be decided in consultation with the Chairman of the School of Classics.

For the single honours degree of Bachelor of Arts

FIRST-YEAR COURSE: CLASSICS SCHEMES A AND B, FRENCH-LATIN, LATIN

Monday 10 to 11, Friday 11 to 12 and at times to be arranged.

Prescribed books, unseen translation, language work, outlines of Greek and Roman history, Roman life and manners.

SECOND-YEAR COURSE: CLASSICS SCHEMES A, B AND D

Monday 12 to 1, Friday 11 to 12 and at times to be arranged.

Prescribed books, unseen translation, language work, special subject, additional prescribed books (for those taking classics Scheme B), Greek or Roman history.

SECOND-YEAR COURSE: FRENCH-LATIN AND LATIN

Monday 12 to 1, Friday 11 to 12 and at times to be arranged.

Prescribed books, unseen translation, language work, special subject, additional prescribed books (for those taking Latin).

FINAL-YEAR COURSE: CLASSICS SCHEMES A, B AND D

Monday 12 to 1, Friday 11 to 12 and at times to be arranged.

Prescribed books, unseen translation, language work, special subject, additional prescribed books (for those taking Scheme B), Greek or Roman history.

EXAMINATION: 10–12 papers.

* Subject to the approval of the Board of the Faculties, candidates who are specially recommended by the Chairman of the School of Classics may be admitted in their first year to the second-year course of the three-year scheme and so proceed in their third year to take a selected course in Latin at a higher standard. The courses under this scheme are known as Latin Ix, IIx and IIIx.

FINAL-YEAR COURSE: FRENCH-LATIN AND LATIN

Monday 12 to 1, Friday 11 to 12 and at times to be arranged.

Prescribed books, unseen translation, language work, and, for those taking Latin, additional prescribed books, special subject, Roman history.

EXAMINATION: 9 papers (for those taking Latin), 6 papers (for those taking French-Latin).

For the joint honours degree of Bachelor of Arts: English and Latin, History and Latin, Italian and Latin, Latin and Religious Studies, Latin and Russian, Latin and Spanish, Latin and Theology

Lectures and tutorials at times to be arranged.

First year: 4 hours a week.

Latin language, including unprepared translation, Latin literature and prescribed texts.

The prescribed texts will be chosen to illustrate some of the following topics:

Latin rhetoric, historiography, biography, letter-writing, pastoral poetry, didactic poetry, lyric poetry.

Second and final years: 5–6 hours a week.

Latin language, including unprepared translation, Latin literature and prescribed texts and two special subjects to be taken in consecutive years, chosen from the following:

(a) Latin tragedy and comedy
(b) Latin epic
(c) Latin pastoral poetry
(d) Latin satire
(e) An approved period or topic of Roman history
(f) An introduction to Graeco-Roman philosophy
(g) The Romans and Spain (for those taking Latin and Spanish)
(h) Some other approved subject, by arrangement.

Linguistics and Phonetics

For the single honours degree of Bachelor of Arts

FIRST YEAR

Language and linguistics (1 hour)
General phonetics (1 hour)
Formal linguistics and computing (1 hour)
Practical language analysis (1 hour)
Phonetics practical (1 hour)
Ear training (1 hour)
Computing practical (1 hour)
Linguistics tutorial (1 hour)

SECOND YEAR

Linguistic theory and analysis (1 hour)
Sociolinguistics and stylistics (1 hour)
Phonetic description of English (1 hour)
Phonological theory (1 hour)
Linguistic description of English (1 hour)
Experimental phonetics (3 hours)
Applications of computers in linguistics and phonetics (1 hour)

Linguistic workshop (1 hour)
Fieldwork methods training (1 hour)
Laboratory practical (3 hours)
Linguistics tutorial (1 hour)

FINAL YEAR

Linguistic theory and analysis (1 hour)
Historical linguistics (1 hour)
Intonation (1 hour for 1 term)
Generative phonology (1 hour for 1 term)
Schools of linguistic thought (1 hour)
Semantics (1 hour for 1 term)
Applications of computers in linguistics and phonetics (1 hour)
Problems in phonetics (1 hour)
Experimental phonetics (1 hour for 1 term)
Language teaching and psycholinguistics (1 hour)
Linguistics tutorial (1 hour)
Phonetics practical (1 hour for 1 term)
Experimental phonetics practical (1 hour for 1 term)
Computing practical (1 hour for 1 term)

For the joint honours degree of Bachelor of Arts

FIRST YEAR

4 hours a week and 2 practical periods.

Language and linguistics (1 hour)
Linguistics tutorial (1 hour)
General phonetics (1 hour)
Phonetics practical (1 hour)
Phonetics and phonology of the language of the scheme (1 hour)*
Prescribed drills and exercises in phonetics (1 hour)

EXAMINATION: 3 papers and an oral examination.

SECOND AND FINAL YEARS

Second year: 5 hours a week and 1 practical period

Linguistic theory and analysis (1 hour)
Linguistics tutorial (1 hour)
Phonological theory (1 hour)
Sociolinguistics and stylistics (1 hour)
Phonetic description of English (1 hour)
Phonetics practical (including fieldwork training) (1 hour)

Final year: 5 hours a week and 1 practical period

Linguistic theory and analysis (1 hour)
Linguistics tutorial (1 hour)
Any two of:
  Intonation (1 hour for 1 term)
  Generative phonology (1 hour for 1 term)
  Semantics (1 hour for 1 term)

* Students registered for Linguistics and phonetics as a third subject will be required to take a course in the phonetics and phonology of a language.

Experimental phonetics (1 hour for 1 term)
Language teaching (1 hour for 1 term)
Linguistic description of the language of the scheme (1 hour for 1 term)
Phonetic description of the language of the scheme (1 hour for 1 term)
Phonetics practical (1 hour: Term 1 — IPA ear training and performance; Term 2 — laboratory practical)

EXAMINATION: 4½ full paper equivalents and an oral examination taken in accordance with the regulations for the appropriate scheme of study.

As a subsidiary subject for the degree of Bachelor of Arts

FIRST YEAR COURSES

Language and linguistics (1 hour)
General phonetics (1 hour)
Linguistics tutorial (1 hour)
Phonetics practical (1 hour)

EXAMINATION

An oral examination in Phonetics and the following papers:
1. Language and linguistics
2. General phonetics

SECOND YEAR COURSES

Linguistic theory and analysis (1 hour)
Sociolinguistics and stylistics (1 hour)
Phonetic description of English (1 hour)
Linguistics tutorial (1 hour)
Phonetics practical (including fieldwork training) (1 hour)

PART I FINAL EXAMINATION

1. Sociolinguistics and stylistics: one 1½-hour paper, to be sat in March or May/June depending on the student's main scheme of study.

During their year abroad, or in the summer vacation between the penultimate and final years, students will undertake a field project, the report on which shall be submitted to the Department of Linguistics and Phonetics at the beginning of the first term of the final year.

FINAL YEAR COURSES

Linguistic theory and analysis (1 hour)
Experimental phonetics (1 hour for 1 term)
Any two of:
  Generative phonology (1 hour for 1 term)
  Intonation (1 hour for 1 term)
  Semantics (1 hour for 1 term)
Linguistics tutorial (1 hour)
Phonetics practical, including laboratory work (1 hour)

PART II FINAL EXAMINATION

2. Linguistic theory and analysis
3. Phonetics and final year optional course
An oral examination in phonetics

Phonetics

*For the single or joint honours degree of Bachelor of Arts**

The Phonetics of Russian

First year of the four-year scheme: Thursday 11 to 12

Elementary phonetic theory, the phonetic structure of Russian, demonstration of Russian sounds, ear training, study of recordings of spoken Russian, practical instruction in the pronunciation of Russian. Practical groups (optional) at times to be arranged.

Private listening period.

EXAMINATION: 1 paper (2 hours) and an oral examination.

The Phonetics of French

First year (B.A. in French) or second year (as part of French as a subsidiary subject, first half of session); Wednesday 9 to 10.

Elementary phonetic theory, the phonetic structure of French, demonstration of French sounds, ear training, phonetic transcription and dictation, practical instruction in the pronunciation of French.

(Second half of session) Phonetic features of connected speech including intonation.

Practical groups (optional) at times to be arranged.

Private listening period.

EXAMINATION: 1 paper (French as main subject, 1½ hours; subsidiary, 1½ hours) and an oral examination.

For the single honours degree of Bachelor of Arts

The Phonetics of Italian

First year of Scheme 2: Thursday 3 to 4.

Elementary phonetic theory, the phonetic structure of Italian, demonstration of Italian sounds, ear training, practical instruction in the pronunciation of Italian.

Private listening period.

EXAMINATION: 1 paper (1½ hours)

The Phonetics of Spanish

First year: Thursday 11 to 12 Term 1.

Elementary phonetic theory, the phonetic structure of Spanish, demonstration of Spanish sounds, practical instruction in the pronounciation of Spanish practical session (optional) at a time to be arranged.

Private listening period.

EXAMINATION: 1 paper (1½ hours) and an oral examination.

Postgraduate diploma in English studies

The Phonetics of English

Monday 11 to 12, 1 hour a week practical work, and private listening period at times to be arranged.

* In the case of the joint honours degree, these arrangements apply to the degree of Bachelor of Arts in modern languages and literatures and French and Latin languages and literatures.

The mechanism of utterance, general elementary phonetic theory, the classification and description of speech sounds and prosodic features, phonetic transcription.

Practical work: ear training, phonetic dictation, and the study of recordings of spoken English including the student's own speech.

EXAMINATION: 1 paper and an oral examination.

Management Studies

NOTE: In the following, the numbers refer to year of study and the letters to the course of study; e.g. Management Economics C1 is taken in the first year of Management Studies C.

Management Studies C

For the joint honours degree of Bachelor of Arts and in Textile Management

Each of the lecture courses listed below will be supported by tutorials.

Management Studies C1

All courses one hour a week and tutorials.

Organization Studies C1 provides a review of the whole spectrum of organizational issues, ranging from a psychological perspective on individual behaviour in the organization, through a social psychological analysis of group dynamics to a sociological examination of the total organization and its environment. The aim of the course is to introduce basic concepts, theories and research as a prelude to more detailed analysis in Organization Studies C2, Business Policy and final-year options.

EXAMINATION: 1 paper of 2 hours.

Management Economics C1 aims to provide students with a basic appreciation in orthodox micro-economics and then to extend this into an examination of economic analyses and techniques which have special relevance for the tasks and processes of management. The course will then examine some aspects of the political economy within which managers carry out their tasks. The capitalist system will be treated historically rather than ahistorically and an examination of some aspects of the movement from capitalism to monopoly capitalism will be included.

EXAMINATION: 1 paper of 2 hours.

Models for Planning C1 Quantitative aspects of planning will be studied. After an introduction to the general philosophy of mathematical modelling, a range of techniques will be described, including linear models, networks, decision trees and probability models. The methods of formulation and analysis will include linear programming, graphical analysis, correlation and regression, simulation and heuristic algorithms.

EXAMINATION: 1 paper of 2 hours.

Management Studies C2

All courses 1 hour a week and tutorials.

Organization Studies C2 looks at the nature of conflict, control systems and conflict resolution within organizations. Conflict between management and workers will be covered as well as intra-management and intra-workgroup conflicts. Topics covered will include power, leadership and influence processes. The course will also look at related concepts in society at large.

EXAMINATION: 1 paper of 2 hours.

Management Economics C2 develops relevant microeconomic concepts and analyses into

related managerial techniques and skills. The emphasis is on managerial decision areas within the organization and relating to its immediate environment. The real managerial decisions on resource allocation and budgeting are explored.

EXAMINATION: 1 paper of 2 hours.

Models for Control C2 Emphasis on control and corrective action which takes effect over a period of time, naturally leads to the study of feedback and the influence of amplification, delays and noise on system stability, i.e. systems dynamics. Examples from particular application areas such as the control of stock, working capital, quality, production and materials usage, together with the relationships between individual control systems, will be described. The structure of the information systems on which control is based will be studied, together with information processing methods.

EXAMINATION: 1 paper of 2 hours.

Management Studies C3

All courses 1 hour a week and tutorials.

Business Policy C3 This course analyses in depth the nature of the relationship between organization strategy, structure and environment. Among the topics to be considered are the following: the theoretical basis of business policy; the nature of the environment as a source of constraints, contingencies and uncertainties, as a resource, as a system of networks and interdependencies — the power dimension; top management; boundary spanning; factors in the formation of business policy — the information basis; attitudes, expectations and perceptions; social responsibility; the development of corporate strategy, its formulation and implementation.

This is an analytical and conceptual course designed to develop skills relating not simply to business policy but also to the management process in general. The skills will be practised through a series of case studies.

EXAMINATION: 1 paper of 3 hours.

Two of the following: (Subject to the approval of the Head of the Department of Management Studies. Not all these courses will necessarily be available in any one year.) (Each course will be examined by 1 paper of 3 hours except Management Research Methods C3 which will be assessed by a project report of approximately 10,000 words to be submitted by the first Monday of the third term of the year in which the course is taken. Students taking Management Research Methods C3 will not normally be permitted to take the course Project C3.)

Advanced Strategy C3 The course will deal with the fundamental ideas of strategy, as found in the literature on military strategy. These ideas will be transposed into terms of organizational processes, and applied to decision-making processes and problems encountered in organizations. The course will be taught as a seminar, with field projects and with extensive presentations from the literature by students.

Financial Management C3 This option concentrates on the wider financial issues within an organization. It looks at the organization's financial objectives and the models and techniques which can be used in achieving these objectives. Topics covered include the finance-mix, investment appraisal, working capital management, mergers and company appraisal.

Financial Planning and Control C3 This course investigates the role of accounting and finance within the management control process. It concentrates on the role of accounting and finance in obtaining resources and in the measuring of the effectiveness and efficiency with which organizational goals are achieved. Areas studied include the role of accounting as part of a management information system, programming and budgetary control, decentralization and performance appraisal.

Languages, cultures and international management C3 is about problems which arise for individuals and for organizations when they operate in countries other than their own. It deals with the resources of language and their relation to culture; meaning, values and culture; meaning and probability; meaning, preferences and purposes; culture clash and culture shock; cultural relativism and alternatives to it; identity-maintenance in encounters in one's own and other languages; pressures on individuals and organizations; individual, organization and group when abroad; problems of re-entry.

Management and Work Design C3 An examination of the theoretical bases of recent publications on work design. The development of a theoretical perspective on interactions and interventions in organizations followed by a review of the main constituents of work design — technology, ergonomics, job restructuring, work organization, and the societal constraints on work design.

Management Research Methods C3 is concerned with the application of scientific method to the analysis of managerial and organizational problems. Topics include problem conceptualization, hypothesis construction, research design, quantitative and qualitative methods of analysis and report writing.

Marketing C3 The market and the enterprise; models for investigating markets as sequential processes; system models for market flows; processes of measurement and control.

Organization Diagnosis, Design and Development C3 looks in depth at recently developed technology for basing required and preferred changes in organization structure and functioning upon careful and deliberate analysis. The option works from a systemic and behavioural science base and uses research to predict the context in which organizations will be operating.

Organizational Behaviour C3 looks at the nature of individuals, organizations and their interaction. Processes of choice, adaptation and development within organizations are considered together with influences on work behaviour. The nature and consequences of change are examined and different approaches towards managing people and improving organizational effectiveness are explored.

Problem Solving in Organizations — Consulting Skills C3 is concerned with the theory and practice of consultation. Emphasis is given to the theoretical exploration of processes of change as they affect both the individual and the organization. Diagnosing and solving problems is viewed from a number of different theoretical perspectives as is the nature of consultation and the role of the consultant. The development of practical consultancy skills is also emphasized.

Production/Operations Management C3 This course focuses on the design and control of operating systems in manufacturing and non-manufacturing organizations. Three aspects are covered. Firstly, the integration of operations with the functions of management. Secondly, the design of the operating systems, including facilities, location and layout, management of the technological, materials, quality and personnel systems and thirdly, the operational control of these systems. The emphasis will be on the practical application of these systems.

Statistics in Business C3 includes basic statistical theory, the availability of statistical data from governmental and commercial sources, forecasting, survey design and analysis.

Strategic Gaming C3 builds on concepts from Game Theory to look at the problems of identifying and developing winning criteria, goals, strategies, programmes and tactics and the interrelationship between them. The purpose is to develop and test general theories of strategy with the emphasis on the dynamics of competitive interaction. The course will be taught on the basis of seminars and strategic simulations.

The Political Economy of the Firm C3 is concerned with the interfaces between

management, economics and politics and the implications of these for managers and the management process in both private and public sector organizations.

*The Project C3** is an exercise in the design, implementation and analysis of a topic chosen by the student in conjunction with an academic supervisor. The topic may be in the form of empirical research, a theoretical review or of a problem-solving nature. The project will be of approximately 10,000 words. The project has to be presented by the last day of the second term.

The Theatre of Management C3 views management as social action. Theories of social explanation are examined and the analogy of management to the theatre developed. Theatrically grounded concepts such as play, script, sub-text, role, actor, director, audience, casting, setting, rehearsal and improvisation are used to analyse various managerial problems.

Personnel Management C3 This course will start with a review of the role and scope of the personnel function in organisations, in the context of the national economic, socio-cultural and political environment. This will be followed by a consideration of selected topics and current issues. Examples are: the employment contract and codes of practice; industrial tribunals; recruitment policies; management development and its relationship with organisation development; and objectives.

Management Studies TM

For the degree of Bachelor of Arts in Textile Management

The individual courses are identical to their counterparts in the 'C' nomenclature.

Management Studies TM1

Management Economics TM1
Organization Studies TM1

Management Studies TM2

Organization Studies TM2
Management Economics TM2

Management Studies TM3

Business Policy TM3(1)

The options (less the project) are designated TM3(2)

Management Studies A

As a subsidiary subject for the degree of Bachelor of Arts.

Management Studies A1

Introduction to management A1
1 hour a week.

A basic conceptual framework for management with practical applications.

EXAMINATION: 1 paper of 3 hours.

Management economics A1
1 hour a week.

* This option is not available to French-Management Studies students, or to Textile Management students.

An introduction to the economics of the firm with reference to the manager as a decision-maker.

EXAMINATION: 1 paper of 3 hours.

Management Studies A2

For students who have completed Management Studies A1.

Two courses from:* Financial Management A2
Management Advisory Services A2
Management Economics A2
Marketing A2
Organization Theory A2
Production Management A2
Social and Industrial Psychology A2

EXAMINATION: 2 papers of 3 hours.

Financial Management A2
1 hour a week.

An introduction to the techniques of financial analysis and control.

Management Advisory Services A2
1 hour a week.

The manager can obtain advice from a number of specialist services, e.g. work study, organization and methods, computer services, the statistical service, operational research and market research. By examining the methods used by some of these, an insight will be given into a range of management problems.

Management Economics A2
1 hour a week.

This course deals specifically with problems of management in relation to capital and labour and concludes with a study of the political economy within which the process of management takes place.

Marketing A2
1 hour a week.

A broad introduction to the concepts and techniques of marketing and market research.

Organization Theory A2
1 hour a week.

The interdependence of the individual and the organization, the alternative ways that this interdependence can be managed and the consequences for personal and organizational effectiveness.

Production Management A2
1 hour a week.

Problems of production, including plant location, layout, work measurement, production planning and quality assessment.

Social and Industrial Psychology A2
1 hour a week.

The course examines those areas of psychology which are important for understanding the individual, interpersonal and group behaviour within organizations.

* Subject to the approval of the Head of the Department of Management Studies.

Management Studies A3

For students who have satisfactorily completed Management studies A2.

Two components from Management Studies A2 not already taken, subject to the approval of the Head of the Department of Management Studies.

EXAMINATION: 2 papers of 3 hours.

Management Studies AL

Offered as an optional course for second-year students reading for the degree of LL.B.

Introduction to Industrial Management A1 (AL)
1 hour a week.

The course provides a basic conceptual framework for management with practical applications.

Social and Industrial Psychology A2 (AL)
1 hour a week.

The course examines those areas of psychology which are important for understanding individual, interpersonal and group behaviour within organizations.

EXAMINATION: 1 paper of 3 hours (in two parts)

The lecture courses will be supported by a linking seminar meeting at times to be arranged.

For the degree of Master of Arts in management science

Operational Research

This course is an introduction to operational research followed by a study of some of the more usual techniques and applications including linear programming, game theory, network analysis, regression analysis, simulation, queueing theory, stock control.

Systems Models of the Firm

Closed and open systems. In open systems: types of input, their supply and control, their impact structure; the organization, interaction, interdependency and integration of parts and elements; types of process, flow and balance within the firm; choice of process, and the implications of choice; resource allocation; the market and its impact upon process and structure, feedback and its significance for the firm.

System-wide issues arising out of open systems; problems of boundary definition; boundary-spanning units; search and perception; system design, system maintenance; system models for corporate strategy.

Socio-technical Systems

The course is about the interaction of social and technical phenomena in organizations, with special reference to their influence upon how decisions are made. Joint consideration of social and technical factors is introduced into the analysis of decision-making processes and other interactions, and the design of decision-making structures.

Computing

This course is intended to provide a sound basis in the principles of computing. An introduction to the University's computing system is followed by a series of lectures on numerical computation, information structures and commercial data processing.

Advanced Operational Research Techniques

In this course several of the techniques considered in the operational research course will be discussed in greater depth, while other techniques and their applications will be introduced. Topics covered will include advanced linear programming, integer programming, non-linear and dynamic programming, Markov processes and heuristic methods.

Operational Research Practice and Elementary Statistics

Model-building and the method of approaching and tackling operational research problems will be discussed, and several case studies will be presented. Problems of presentation of results and implementation will be considered. A series of lectures will give students a suitable statistical basis on which work in the second term can be founded.

Operational Research and its Environment

This course will present topics on the interfaces of operational research with management and other management services, considering work study, organization and methods, management information systems and planned programme budgeting. It will also investigate in depth operational research within one particular environment.

Mongolian Studies

As a subsidiary subject for the degree of Bachelor of Arts

First year: 4 hours a week.
Mongol language, prescribed texts and language laboratory materials.

EXAMINATION: An oral examination in Mongol and two papers as follows:
1. Translation from Mongol into English
2. Translation from English into Mongol

Second year
Mongol language, prescribed texts and language laboratory materials, 3 hours a week.
History and institutions, with special reference to twentieth-century Mongolia, 1 hour a week.

EXAMINATION:
1. Prescribed texts (1½-hour paper)
2. Mongolian history and institutions

Third year: 4 hours a week.
Mongol language and prescribed texts.

EXAMINATION:
1. Translation from Mongol into English (1½-hour paper)
2. Prescribed texts (3-hour paper)

In assessing the result of the final examination the candidate's performance in the second-year examination will be taken into account.

Tutorials and practical classes will be arranged to support the courses outlined above.

Note: A complete list of prescribed texts is available in the Department of Chinese Studies.

Music

The Head of the Department will require students, except those taking music as a subsidiary subject, to take appropriate instrumental or vocal tuition as part of the course. Students will be required to participate in performing projects within the Department.

As a subsidiary course for the degree of Bachelor of Arts
One-year course
GSE A level in Music is preferred but GCE grade A or B with a Grade VIII in an Associated Board examination may be accepted instead.

Either Music analysis 1 *or* Counterpoint and harmony 1 (each one hour per week). Traditions of Western Music (2 hours per week).

EXAMINATION: 2 papers (in addition, for Counterpoint and harmony 1, assessment of work undertaken during the first two terms).

Two- or three-year course
First year and conditions of entry as one-year course.

Second year
Two courses chosen from: Music Analysis 2; Musical ideas in the twentieth century; Prescribed works; one of the Special Studies (Composition, Notation, Criticism, Performance). (All courses one hour per week except Performance — one hour plus instrumental or vocal lessons.) Those intending to proceed to a third year MUST take one Special Study.

EXAMINATION: 2 papers or paper equivalents.

Third year
One Special Study (Composition, Musicology, History and Criticism, Performance).

EXAMINATION: 2 papers or paper equivalents as detailed on p. 197 (Single Honours Music: Special Study).

For the single honours degree of Bachelor of Arts

First Year

1. Counterpoint and harmony 1
Strict counterpoint (species I-V). Figured bass, chorales, structure and ornament in eighteenth century styles, binary dance forms.

2. Elementary composition
Materials of music: the elements of melodic and rhythmic structure, and simple musical procedures (e.g. cantus firmus, isorhythm, decoration, variation).

3. Music analysis 1
Introduction to terms and procedures in music analysis; analysis of classical forms.

4. Traditions of Western music
The social and philosophical background to characteristic musical works from selected periods.

5. Practical musicianship and aural training
Aural perception of pitch, rhythm, form. Sight singing. Performance. Keyboard harmony, figured bass, C clefs.

6. One other approved subject

EXAMINATION: Two 2-hour papers (course 1 above); two 3-hour papers (courses 3 and 4 above). A set composition (course 2) to be written over three days. Aural and practical tests. Examination in subsidiary subject.

Second Year

1. Counterpoint and harmony 2
Variations; trio sonata; eighteenth century dance forms; classical string quartet; early nineteenth century song.

2. Music analysis 2
A wide range of musical styles will be covered, complementing the first-year course.

3. Musical ideas in the twentieth century
The social and cultural background: characteristic musical styles and techniques.

4. Aural training
Aural perception, including perception of form and timbre.

5. Prescribed works
Four case studies of major musical works.

6. Special study
Two to be chosen from the following:
Composition
Notation (principles and practice of musical notation)
Criticism (the study of selected writings on music)
Performance.

PART I FINAL EXAMINATION

Three papers (courses 1, 2 and 3 above). Aural tests. The standard attained in the Part I examination will be taken into account in assessing the final degree results.

Departmental examinations will also be given (courses 5 and 6).

Third Year
1. Tonal forms
Composition in prescribed tonal designs such as fugue; aria; variations; sonata forms.

2. Prescribed works
Four case studies of major musical works.

3. Special Study
One to be chosen from:
Composition: continuation of second-year course in composition; twentieth-century instrumentation; preparation of a portfolio of compositions.
Musicology: editorial techniques, palaeography, descriptive bibliography.
History and Criticism: a set period in music history.
Performance: a course in interpretation; preparation of a recital programme.

PART II FINAL EXAMINATION

Three papers or paper equivalents (courses 1, 2 and 3). An essay of about 8,000 words on some aspect of music history or criticism, the subject to be approved by the Head of the Department of Music before the end of the first term, and to be submitted by the last day of the second term. An essay in m ısic analysis to be written over three days. Prepared work in special study to be submitted by the second Tuesday of the third term. Candidates may be required to present themselves for a viva-voce examination.

For the joint-honours degree of Bachelor of Arts

The Head of the Department of Music will require students to take appropriate instrumental or vocal tuition as part of the course. Students will be required to participate in performing projects within the Department.

First Year
Either **Counterpoint and harmony 1**
or **Elementary composition**
Either **Music analysis 1**
or **Traditions of Western music**
Practical musicianship and aural training

EXAMINATION

Aural and practical tests and two papers or paper equivalents: *either* Counterpoint and harmony 1 *or* a set composition to be written over three days (elementary composition) and *either* Music analysis 1 *or* Traditions of Western music.

Second Year
Either **Counterpoint and Harmony 2**
or **Music analysis 2**
Either **Musical ideas in the twentieth century***
or **Prescribed works***
Aural training
Special study: *one* of composition, notation, criticism, performance.

PART I FINAL EXAMINATION

Aural tests and one paper chosen from Counterpoint and harmony 2 *or* Music analysis 2. The standard obtained in the Part I examination will be taken into account in assessing the final degree results.
There will be departmental assessment of Musical ideas in the twentieth century *or* Prescribed works, and of the Special study.

Final Year
Either **Tonal forms**
or **Prescribed works**
Special study: *one* of composition, musicology, history and criticism, performance.

PART II FINAL EXAMINATION

Two papers or paper equivalents: *either* tonal forms (a paper to be written over one week) *or* prescribed works. An essay of about 8,000 words to be submitted by the last day of the second term. Prepared work in special study to be submitted by the second Tuesday of the second term.

Philosophy

As a subsidiary subject or a third subject for the degree of Bachelor of Arts

ONE-YEAR COURSE

Reason and argument

One lecture weekly.

EXAMINATION: 1 paper (2 hours).

Introduction to philosophy

Two lectures weekly, and regular tutorials.

* Students may take an additional special study course instead of musical ideas in the twentieth century or prescribed works.

EXAMINATION: Candidates will submit two essays of approximately 1,500 words each and on topics approved by the Head of Department. The essays must be submitted by 4 p.m. on the Friday of the second full week of the summer term. In the event of a candidate's not satisfying the examiners and being granted the facility of a further examination either in September or subsequently, the further examination will be by a 3-hour paper.*

TWO-YEAR COURSE

In each session one of the following subjects is chosen:

Ancient philosophy
History of modern philosophy (Descartes to Kant)
Ethics
Political and social philosophy
Philosophy of science
Formal logic, including symbolic logic
History of ideas in relation to English literature
Theory of criticism.

In the third year all students study in addition a special subject.

The choice of subjects is to be approved by the Head of the Department.

Alternative philosophical subjects may be submitted with the approval of the Head of the Department.

FINAL EXAMINATION: 3 papers. In the case of ancient philosophy or history of modern philosophy (Descartes to Kant), candidates will be examined by means of three essays of not more than 1,500 words each to be submitted by the end of the long vacation following the end of the second year.

History and Philosophy of Science

As a subsidiary subject or a third subject for the degree of Bachelor of Arts

History and Philosophy of Science: ONE-YEAR COURSE

First year; 3 hours a week and a fortnightly tutorial.

Development of European science

Wednesday 9 to 10, Thursday 11 to 12.

EXAMINATION: 1 paper.

Philosophy of science

Monday 4 to 5.

EXAMINATION: 1 paper and course work.

As a subsidiary subject for the degree of Bachelor of Arts or as a third subject for the degree of Bachelor of Arts in Psychology and Sociology

History and Philosophy of Psychology: ONE-YEAR COURSE

First year : 3 hours a week and regular tutorials

History and Philosophy of Psychology

Wednesdays 12 to 1; Fridays 10 to 11.

EXAMINATION: 1 paper and course work.

* Students for whom a language Department makes arrangements for the Easter vacation to be spent on language study abroad are required to submit their essays by 4 p.m. on the last Friday in May.

Philosophy of Science
Monday 4 to 5.
EXAMINATION : 1 paper and course work.

As a subsidiary subject for the degree of Bachelor of Arts
History of Science: TWO-YEAR COURSE
Topics in the history of scientific thought
Second and third year; Monday and Tuesday, 5.15 to 6.30.

Methods and problems in historiography I and II
Second and third year; 1 hour a week.
EXAMINATION: 3 papers.
For courses in philosophy and the history of science for the degree of Bachelor of Science in two main subjects see the calendar *Faculties of Science and Engineering*.

Politics

As a subsidiary subject and as a third subject for the degree of Bachelor of Arts

ONE-YEAR COURSE

(a) Introduction to politics (1 paper)*
(b) British government (1 paper)*

Courses for the single or joint honours degree of Bachelor of Arts

First Year

An Introduction to Politics P1

Compulsory for students reading politics as part of a single or joint honours degree scheme, Chinese studies, or social policy and administration, and optional for students reading politics as a subsidiary subject.

Mr Schwarzmantel, and other members of the Department

This course is concerned with the sources and purposes of political power in different types of political and social systems. It discusses different models of power, examines the role of the state and its various elements, the role of political parties, and the place of ideology in political life.

EXAMINATION: 1 paper or essays as prescribed by the scheme of study.

* Candidates may elect to substitute three essays of 2,000–3,000 words each, on topics approved by the Head of the Department of Politics, for one of these papers. Candidates who choose to be examined in this way must notify the Head of the Department of Politics, in writing, not later than the last day of the first term. In each case the essays must be submitted as follows:
The *first* not later than the first day of the second term.
The *second* not later than the first day of the third term.
The *third* not later than the first day of the May/June examination period.
Candidates whose essays do not satisfy the examiners in June will not be allowed to be re-examined by this method in September or subsequently; re-examination, when allowed, will be by 3-hour papers.
Such substitution may be made provided that no more than three, three-hour examination papers are substituted by essays and provided that at least one examination in each subject area in the examination is assessed by a three-hour paper which has not been shown to students in advance.

P2

British Government

Compulsory for students reading social policy and administration and optional for students reading politics as part of a single or joint honours degree scheme, Chinese studies, or as a subsidiary subject.

Mr Macdonald, and other members of the Department

The general principles of the constitution; the Crown, Parliament, the Cabinet, government departments and the civil service, political parties and the electoral system, local government and public corporations.

EXAMINATION: 1 paper or essays as prescribed by the scheme of study.

P3

Explanation in Political Science

Compulsory for students reading political studies and politics and parliamentary studies.

Professor Beetham

An examination of the logic and limitations of various attempts to explain political phenomena.

EXAMINATION: 1 paper.

Second and Final Years (Third and Final Years for Chinese Studies)

P4

Policy-Making in Britain

Compulsory for students reading politics and parliamentary studies and optional for students reading political studies or politics as part of a joint honours degree scheme, Chinese studies, and social policy and administration.

Dr Fry, Dr Hartley, Mr Macdonald

An examination of the operation of the machinery of government by exercises in cabinet-level policy making in Britain, using contemporary examples.

P5

The Social Context of British Politics

Compulsory for students taking politics and parliamentary studies and optional for students reading political studies or politics as part of a joint honours degree scheme and Chinese studies.

Dr Coates

An examination of the relationship between the political process in Britain and the main social, economic and cultural forces in British society.

P6

Modern Political Doctrines

Optional for students reading politics as part of a single or joint honours degree scheme and Chinese studies.

Mr Schwarzmantel

An examination of the history and characteristics of political doctrines which have had practical influence in the modern world; liberalism, conservatism, nationalism, anarchism, socialism, communism, fascism.

EXAMINATION: 1 paper.

P7

Theories of the State, Economy and Society

Optional for students reading politics as part of a single or joint honours degree scheme or Chinese studies.

Professor Beetham

A study of theories concerned with the relationship between the state, the economy and the social structure in capitalist societies, from the 'classical' political economists to the present day.

EXAMINATION: 1 paper.

Politics and Society in Developing Countries

Optional for students reading politics as part of a single or joint honours degree scheme or Chinese Studies

Mr Cliffe, Dr Szeftel, Dr Bush

Examines politics and political movements in the third world. Contemporary topics will be approached both historically and theoretically and will include the peasantry, the state, the military and clientelism in developing countries.

EXAMINATION: 1 paper

Contemporary International Politics

Optional for students reading politics as part of a single or joint honours degree scheme, and Chinese Studies

Dr Hartley and Dr Spiers (History)

An analysis of the nature of the international system, inter-state relations, international organizations, and theories and explanations in international politics, with an examination of world politics since 1953.

EXAMINATION: 1 paper

Political and Social Theory P8

Compulsory for students reading politics as part of a single or joint honours degree scheme and for Chinese studies.

Mr Schwarzmantel

A study of the 'great issues' in political and social philosophy, considered by topic and in connection with a number of texts by important thinkers from Aristotle to Marx.

EXAMINATION: 1 seen paper. The examination paper for this course will be made available to students 3 weeks before the scheduled examination date.

Modern Foreign Governments and Comparative Government P9

Compulsory for students reading politics as part of a single or joint honours degree scheme, and Chinese studies.

Dr Walles, Mr Schwarzmantel, Dr Hartley, Dr Gleisner, and Dr Szeftel

The main features of the political institutions of the United States, the Soviet Union, France, India and Pakistan, an introduction to the theory of comparative government and the comparison of political institutions and systems.

EXAMINATION: 1 paper.

Research Methods and Computing P10

Optional for students reading political studies, and politics and parliamentary studies.

Taught by the Department of Social Policy and Sociology.

The role of research and measurement in the social sciences. The production and use of official statistics. Issues in research design. Observation, action research and survey research. Questionnaire design. Statistical methods; sampling, statistical tests, simple correlation and regression. Computers in social research. The use of packages for data analysis, SPSS and Minitab.

EXAMINATION: 1 paper.

Third Year

The Government and Politics of China P11

Compulsory for students reading Chinese studies with politics, and optional for students reading politics as part of a single or joint honours degree scheme.

Mr Macdonald

A study of the development of Chinese communism and the government of China since 1949.

EXAMINATION: 1 paper.

The Government of the U.S.A. P12

Optional for students reading politics as part of a single or joint honours degree scheme, and social policy and administration.

Dr Walles

The development of the constitution; the federal system; the presidency, congress, the supreme court; the administration, political parties and the electoral process; issues in American national politics; state and local governments and administration.

EXAMINATION: 1 paper.

The Government and Politics of the U.S.S.R. P13

Optional for students reading politics as part of a single or joint honours degree scheme, and social policy and administration.

Dr Gleisner

An analysis of the structure and working of the political system of the U.S.S.R., considered in its historical, social and economic setting.

EXAMINATION: 1 paper.

The Politics of Developing Countries P14

Optional for students reading politics as part of a single or joint honours degree scheme.

Mr Cliffe and Dr Szeftel

Theories of political modernization and development, colonialism and class formation, modes of articulation of power in post-colonial states, the roles of the military, bureaucracy and political parties, ideologies; working-class and peasant movements.

EXAMINATIONS: 1 paper.

Aspects of Modern Political Thought P15

Optional for students reading politics as part of a single or joint honours degree scheme.

An examination of selected themes in twentieth-century political thought, with special emphasis on the problem of irrational behaviour.

EXAMINATION: 1 paper.

American Political Thought P16

Optional for students reading politics as part of a single or joint honours degree scheme.

Dr Walles

An attempt to relate American thought and ideas to the growth and development of the United States from the time of the colonists to the mid-twentieth century.

EXAMINATION: 1 paper.

British Politics since 1914 P17

Optional for students reading politics as part of a single or joint honours degree scheme.

Dr Fry

An examination from an historical standpoint of British politics from 1914 to the present day, considering both foreign policy and domestic issues.

EXAMINATION: 1 paper.

Women in Political Theory P18

Optional for students reading Politics as part of a single or joint honours degree scheme.

Dr Coole

A study of the social and political roles and rights of women as defined in various theoretical traditions from the eighteenth century, complemented by an analysis of women's movements over the same period.

Problems in Democratic Theory P19

Optional for students reading politics as part of a single or joint honours degree scheme.

Professor Beetham

An examination of the conceptual, normative, empirical and practical problems involved in theories of democracy.

EXAMINATION: 1 paper.

Working-Class Politics in Europe and the United States since 1870 P20

Optional for students reading politics as part of a single or joint honours degree scheme.

Dr Coates

An examination of the factors which have shaped working-class participation in politics and the characteristics of political parties which have attracted substantial working-class support. Attention will also be given to the major theories which have contributed to an understanding of working-class politics.

The Government and Politics of France P21

Optional for students reading politics as part of a single or joint honours degree.

Mr Bell

The historical setting of French politics and the origins of the Fifth Republic; the constitution; the conduct of the central and local government; political parties and the electoral process; issues in French politics.

Canadian and Australian Politics P22

Optional for students reading politics as part of a single or joint honours degree scheme.

Dr Hartley

Canadian and Australian government and politics in comparative perspective — constitutional development, the working of the federal system, politics and social structure, party ideas and organization, ethnic relations, control of the economy, and foreign and defence policies.

Business and Government P23

Optional for students reading politics as part of a single or joint honours degree scheme.

Dr Szeftel

A comparative assessment of the political role of business and of the relationship between state and capital. The course will consider the development of corporate interests and their interaction with government in the industrialized countries and in the third world. In the process, problems arising from the increasing concentration of corporate power, the growth of state intervention in the economy, the global influence of international firms, and problems of entrepreneurship in developing countries will be examined.

The Politics of Southern Africa P24

Optional for students reading politics as part of a single or joint honours degree scheme.

Mr Cliffe and Dr Szeftel

An analysis of the patterns of settler colonialism in the area and of the ensuing African nationalist movements and states, seen in the context of the historical, economic, social and geo-political links which make this part of Africa an identifiable regional whole.

EXAMINATION: 1 paper.

Comparative Political Parties and Electoral Systems P25

Optional for students reading politics as part of a single or joint honours degree scheme.

Dr Lipow

A comparative and historical examination of the theory and practice of political parties, party systems and electoral systems.

EXAMINATION: 1 paper.

Problems of the Policy Process in Britain P26

Optional for students reading politics as part of a single or joint honours degree scheme.

Dr Hartley

An examination of contemporary policy making in Britain, especially in local and other statutory authorities, and in the provision of public services.

British Constitutional History since 1660 P27

Optional for students reading politics as part of a single or joint honours degree scheme.

Dr Fry

An historical analysis of the development of the British Constitution from the limited monarchy of the seventeenth century down to the responsible government and constitutional democracy of the twentieth century.

Soviet and East European Politics P28

Optional for students reading politics as part of a single or joint honours degree scheme.

Dr Gleisner

A comparative analysis of Stalinism, deStalinization, reform and political dissent in Czechoslovakia, Poland and Hungary.

Nationalist Ideas and Movements P29

Optional for students reading politics as part of a single or joint honours degree scheme.

Mr Schwarzmantel

A study of nationalist ideas and movements in the nineteenth and twentieth centuries.

The Growth of Government in Britain

Optional for students reading politics as part of a single or joint honours degree scheme.

Dr Fry

An examination of the growth of government in Britain since 1780 which relates changing ideas about what the State should do to the functions which government has come to perform, and which relates them all to the machinery of government available.

EXAMINATION: 1 paper

Other Third-Year Options

Sociology of Politics
In the Department of Social Policy and Sociology.

Public International Law
In the Department of Law.

The making of foreign policy
The making of military policy
Strategic ideas in the nuclear age, since 1953
In the School of History.

Courses for the degree of Master of Arts in political sociology

Theories and Concepts of Political Sociology

Dr Coates and Mr Cliffe

Theories of society and politics through an examination of the debate between and within the main Marxist and non-Marxist traditions, with particular reference to the work of Marx, Lenin, Luxemburg, Gramsci, Mao Tse-Tung, the critical theorists; and Weber, Pareto, Mosca, Parsons and other structural functionalist writers, and democratic-pluralist writers. Special emphasis will be given to these and other theorists' approaches to social change, and to specific theories of modernization, imperialism, underdevelopment and dependence.

Politics and Social Change

Dr Coates and Mr Cliffe

This course is concerned with questions of politics and social change with reference to developed and developing societies. Selected topics will be taken up from a range of subjects, e.g. the role of the state; the military and bureaucracy; parties, mass movements and the political behaviour of various social groupings, such as the working class and the peasantry; the role of ideology; reform and revolution.

Courses for the degree of Master of Arts in British government

British Government and Politics since 1900

Dr Fry, Dr Hartley and Mr Macdonald

The development of political institutions in Britain and the changing shape and dynamics of the constitutional and political system.

British Government and Public Administration

Dr Fry, Dr Hartley and Mr Macdonald

The contemporary shape and dynamics of central and local government and other statutory bodies, especially the public corporations and the national health services.

Portuguese

*As a subsidiary subject for the degree of Bachelor of Arts**

Students following a three-year course will be required to spend a period of one month/one term in Portugal and to attend there either a vacation course or a university course which is approved by the Head of the Department.

ONE-YEAR COURSE

This course is for students with no previous knowledge of the language.

First year: 3 hours a week and 1 period practical.

Grammar and translation, reading and commentary on prescribed texts.

Geography and history, one term only.

EXAMINATION: An oral examination and two papers as follows:
(a) Translation and essay
(b) Modern and contemporary literature.

TWO-YEAR COURSE

Second Year
3 hours a week and 1 practical period.

Language and literature of earlier period.

EXAMINATION: 1 paper as follows:
O Quinhentismo.

Third Year
3 hours a week and 1 practical period.

Translation, unseen composition and essays, literature.

EXAMINATION: An oral examination and three papers as follows:
(a) Translation from and into Portuguese
(b) Nineteenth-century Portuguese novel *or* Brazilian literature
(c) Essay in Portuguese.

* Subject to the approval of the Board of the Faculties, candidates who are specially recommended by the Head of the Department may be admitted in their first year to the second-year course of the three-year scheme and so proceed in their third year to take a selected course at a higher standard. The courses under this scheme are known as Portuguese Ix, IIx and IIIx.

Roman Civilization

For the joint honours degree of Bachelor of Arts: Arabic and Roman Civilization, English and Roman Civilization, History and Roman Civilization, Italian and Roman Civilization, Religious Studies and Roman Civilization, Roman Civilization and French, Roman Civilization and Russian, Roman Civilization and Spanish, Roman Civilization and Theology.

COURSE REQUIREMENT

For admission to this course Latin at ordinary level (at least grade C) *or* an equivalent reading knowledge of Latin is required.

First Year
2 lectures a week on Monday 10 to 11 and Friday 10 to 11; 2 tutorials a week at times to be arranged.

A survey of the history, literature and institutions of Rome from its foundation to the fifth century A.D. (for Roman Law, to the death of Justinian), with prescribed Latin texts in translation.

Prose and verse passages from Latin literature of the Republican Age for grammatical and literary analysis.

Selected Latin texts to illustrate the Augustan Age.

EXAMINATION: 2 papers of 3 hours each.

The course may not be taken in addition to any scheme of study which includes Latin.

Second and final years
The Roman Civilization element comprises translation from prescribed and unprescribed Latin texts; Latin literature with prescribed texts in translation, and including the study of one prose and one verse genre; Roman thought and society; an essay of 8,000–10,000 words on a subject within the field of either or both of the subjects of the scheme of study.

As a subsidiary subject for the degree of Bachelor of Arts

ONE-YEAR COURSE

First year: 2 lectures a week Monday and Friday 10 to 11; one tutorial a week.

A survey of the history, literature and institutions of Rome from its foundation to the fifth century A.D. (for Roman law, to the death of Justinian), with prescribed Latin texts in translation.

EXAMINATION: 2 papers of 3 hours each.

The course may not be taken in addition to any scheme of study which includes Latin.

TWO-YEAR COURSE

Latin literature, with prescribed texts in translation, and including the study of one prose and one verse genre; Roman thought and society, including the detailed study of a period of Roman history.

EXAMINATION: 3 papers of 3 hours each.

Russian

As a subsidiary subject for the degree of Bachelor of Arts

Course requirement: An A level pass in Russian is normally required.

Residence requirements: Students who take Russian as a subsidiary subject for three years will normally be required to spend the third term of their second year of study in the U.S.S.R. or an East European country. Any student taking Russian as a subsidiary subject who is unable to spend the third term of the second year in this manner will be required, before his or her final year, to spend at least one month at an approved vacation course in the U.S.S.R.

ONE-YEAR COURSE

Russian language and a selection of prescribed texts from nineteenth- and twentieth-century Russian literature.

EXAMINATION: an oral examination and three papers as follows:
1. Russian language (translation into Russian and essay in Russian)
2. Translation from Russian (1½-hour paper)
3. Russian literature (a 2-hour paper, together with an assessment of students' essays written during the year).

TWO-YEAR COURSE

Second year

Russian language and literature.

EXAMINATION in March:
The Russian Novel (a 2-hour paper, together with an essay of about 4,000 words on an approved topic written in the candidate's own time and presented in the first week of the final year of study).

Third year

Russian language and one optional paper, chosen from the list of options available for the degree scheme in Russian Studies (p. 215) with the exception of Bulgarian with prescribed texts and Czech with prescribed texts.

EXAMINATION: an oral examination and two papers as follows:

1. Russian language (translation from Russian and essay in Russian)
2. One paper in the option chosen.

In the three-year course the result of the second-year examination is taken into account in arriving at the results of the final examination in subsidiary Russian, which is an integral part of the final degree examination.

Social Policy and Administration

Introduction to Social Policy and Administration

25 lectures

Various staff members

For first-year students reading social policy and administration or social policy as part of a joint honours degree scheme or offering the subject as an approved subsidiary choice.

The scope and context of social policy. Concepts of need, poverty, deprivation and rights. A comparative approach to the study of social policy. Policy choices, financing and

ideology in welfare. The role of government and other agencies in social welfare. Specific areas of intervention such as health, social security, personal social services and education.

EXAMINATION: 1 paper.*

Foundations of Social Policy

25 lectures

Dr Deacon

For first-year students reading social policy and administration or social policy as part of a joint honours degree scheme or offering the subject as an approved subsidiary choice.

An analysis of the development of social policy in the nineteenth and twentieth centuries. Social policy and social structure. The role of ideas in social change. Social order and social control. The emergence of a multi-cultural society. The liberal tradition from the classical economists to Hayek and the Institute of Economic Affairs. The impact of war. Marxist and pluralist analyses of social policy.

EXAMINATION: 1 paper.

Social Policy in Britain

40 lectures

Various staff members

A review of major issues and problems in British social policy. The following areas of policy will be considered: housing, income maintenance, the health services, the personal social services, and education. The discussions of each policy area will focus upon common themes and issues and these will include the balance between public, private, and voluntary provision; the impact of the contemporary economic climate; the distributional effects of services; and the nature and significance of the client/professional relationship.

EXAMINATION: 1 paper.

Welfare Institutions in the Modern Industrial State

30 lectures

Various staff members

The course will examine theories that have been put forward to explain the development, functions and characteristics of welfare institutions, and to explain relationships between such institutions and other features of the modern state. Analysis will focus especially upon organizations, arrangements and processes connected with the meeting of dependencies, the encouragement of social integration, and the maintenance of social order. The course will also consider some normative theories about aspects of life in developed societies, making particular reference to the roles social policies are expected to perform. Throughout the course emphasis will be placed primarily upon Britain.

EXAMINATION: 1 paper.

* Candidates may elect to substitute three essays of between 2,000 and 3,000 words each, on topics approved by the Head of the Department of Social Policy and Sociology, for this paper. Candidates who choose to be examined in this way must notify the Head of the Department of Social Policy and Sociology in writing not later than the last day of the first term. The essays must be submitted as follows:

The *first* not later than the first day of the second term.

The *second* not later than the first day of the third term.

The *third* not later than the first day of the May/June examination period.

Candidates whose essays do not satisfy the examiners in June will not be allowed to be re-examined by this method in September or subsequently; re-examination when allowed will be by a 3-hour paper.

Such substitution may be made provided that no more than three, three-hour examination papers are substituted by essays and provided that at least one examination in each subject area in the examination is assessed by a three-hour paper which has not been shown to students in advance.

Organization, Management, and Social Policy

30 lectures

Dr Harrison and Mr Mann

This course will begin by examining a range of theories which purport to guide or explain behaviour in work organizations, exploring the assumptions that underpin such theories and reviewing relevant empirical materials. The second half of the course will be concerned with the analysis of decision processes, the implementation and outcomes of decisions; it will focus on decisions in or affecting welfare agencies.

EXAMINATION: 1 paper.

The Economics of the Public Services

25 lectures

Mr Lee and Mr Winyard

Welfare economics and social policy; the role of government in the economy. The economics of public finance and expenditure; wealth, income and distributional considerations. Economic aspects of the principal social services and public enterprises; techniques of economic analysis, e.g. cost-benefit and cost-effective analyses.

EXAMINATION: 1 paper *or* an essay of not more than 8,000 words *or* two essays of not more than 4,000 words each.*

Research Methods and Computing

30 lectures

Mr Winyard

The role of research and measurement in the social sciences. The production and use of official statistics. Issues in research design. Observation, action research and survey research. Questionnaire design. Statistical methods; sampling, statistical tests, simple correlation and regression. Computers in social research. The use of packages for data analysis, SPSS and Minitab.

EXAMINATION: 1 paper. Project work is an integral part of the course and candidates will also be required to submit written reports of about 1,500 words by the first day of the third term of the year in which the course is taken, for assessment as part of the examination.

Special optional courses

For second- or third-year students reading Social Policy for the degree of Bachelor of Arts in one or two subjects.

Teaching on each of these courses will be for 20 contact sessions or the equivalent, as appropriate to the nature of the course.

British Social Policy, 1918–1948

Dr Deacon

Social policy between the wars, with particular reference to housing, the relief of the unemployed and the development of secondary education. The impact of the Second World War on British society. The welfare legislation of the wartime Coalition and

* Candidates must apply in writing to the Head of the Department of Social Policy and Sociology for permission to be examined by essay not later than the end of the first term of the year in which the course is taken. Titles of essays must be chosen in consultation with the members of staff teaching the optional courses. Essays must be submitted not later than the first Monday of the third term of the year in which the course is taken.

post-war Labour government. The role of economic ideas, political ideology and administrative change in social policy.

EXAMINATION: 1 paper *or* an essay of not more than 8,000 words *or* two essays of not more than 4,000 words each.*

Family Policy

Ms L M Fox

This course will include a consideration of changes in the family as a social institution; family policy as a field of social policy, as a perspective on all policy, and as a field of study; and specific areas of policy which are relevant to the functioning of the family, such as family income support, community care, the family and health policy, family law, and the family and crime/penal policy.

EXAMINATION: 1 paper *or* an essay of not more than 8,000 words *or* two essays of not more than 4,000 words each.*

Social Policy and the Law

Mr Mailly

An analysis of the law as it relates to social policy in an historical context. The formulation and implementation of laws in the field of social policy will be examined. Major areas to be covered will be: the Poor Laws of the 19th and 20th centuries, the law and mental health in the 19th and 20th centuries, law and the trade unions, and law and public order.

EXAMINATION: 1 paper *or* an essay of not more than 8,000 words *or* two essays of not more than 4,000 words each.*

The Labour Market and Social Policy

Mr Winyard

An examination of selected aspects of state intervention in the labour market in Britain and Europe. The objectives and performance of public employment services. Low pay and wages policies. Disadvantaged groups and labour market policies.

EXAMINATION: 1 paper *or* an essay of not more than 8,000 words *or* two essays of not more than 4,000 words each.*

Social Security in Britain since 1945

Dr Deacon

An analysis of the development of the social security system in post-war Britain. Social security and the social division of welfare. Principles of distribution and issues of implementation. Social security and the unemployed. Social security and women. The role of social security within contemporary British society. The future of social security.

EXAMINATION: 1 paper *or* an essay of not more than 8,000 words *or* two essays of not more than 4,000 words each.*

Housing and Urban Society

Dr Harrison

* Candidates must apply in writing to the Head of the Department of Social Policy and Sociology for permission to be examined by essay not later than the end of the first term of the year in which the course is taken. Titles of essays must be chosen in consultation with the members of staff teaching the optional courses. Essays must be submitted not later than the first Monday of the third term of the year in which the course is taken.

A review of the development of housing policies in Britain since the nineteenth century. Changing housing conditions in urban areas. The politics of housing. The functions of housing for different social groups. The relationships between selected modern theories of urban society and housing conditions and prospects in Britain.

EXAMINATION: 1 paper *or* an essay of not more than 8,000 words *or* two essays of not more than 4,000 words each.*

Human-resource Management in the Social Services

Mr Dimmock and Dr Harrison

An analysis of the production, recruitment and control of human resources in the social services. The roles of professional bodies, trade unions and other relevant institutions. Contemporary trends in the evaluation of performance.

EXAMINATION: 1 paper *or* an essay of not more than 8,000 words *or* two essays of not more than 4,000 words each.*

Social and Economic Policy: the Swedish Approach

Professor Greve

The evolution of the social democratic approach to planning and policy implementation in the social and economic fields. The holistic concept. The roles of government, civil servants, economists, trade unions, employers, and political parties in shaping the goals and institutions. Topics considered will include the influence of economic change, social policy and the management of the economy, labour market policy, wages policy.

EXAMINATION: 1 paper *or* an essay of not more than 8,000 words *or* two essays of not more than 4,000 words each.*

Social Divisions, Social Class and Social Welfare

Mr Mann

The aim of the course is to familiarise students with the historical development of the social division of welfare and to consider how it might be changing in contemporary Britain. Students will be expected to examine 19th century notions of a residuum and a labour aristocracy and to compare these with current debates in respect of social divisions and of changing labour markets. In addition students will be presented with a number of theoretical perspectives which purport to explain the relationship between social class, social divisions and social welfare.

EXAMINATION: 1 paper *or* an essay of not more than 8,000 words *or* two essays of not more than 4,000 words each.*

Sociology

As a subsidiary subject and as a third subject for the degree of Bachelor of Arts

Introduction to sociology I
Introduction to sociology II

* Candidates must apply in writing to the Head of the Department of Social Policy and Sociology for permission to be examined by essay not later than the end of the first term of the year in which the course is taken. Titles of essays must be chosen in consultation with the members of staff teaching the optional courses. Essays must be submitted not later than the first Monday of the third term of the year in which the course is taken.

EXAMINATION: 2 papers.
Candidates may substitute essays for one of these papers. For each paper three essays of 2,000–3,000 words, on topics approved by the Head of the Department of Social Policy and Sociology, will be required. Candidates who choose to be examined in this way must notify the Head of the Department of Social Policy and Sociology in writing not later than the last day of the first term of the first year.
Essays replacing each paper must be submitted as follows:
The *first* not later than the first day of the second term.
The *second* not later than the first day of the third term.
The *third* not later than two weeks before the start of the May–June examinations.
Such substitution may be made provided that no more than three, three-hour examination papers are substituted by essays and provided that at least one examination in each subject area in the examination is assessed by a three-hour paper which has not been shown to students in advance.
Candidates whose essays do not satisfy the examiners in June will not be allowed to be re-examined by this method in September or thereafter; re-examination when allowed will be by 3-hour papers.

Course for the single or joint honours degree of Bachelor of Arts

FIRST YEAR

Introduction to Sociology I

For first-year students of sociology reading for the single or joint honours degree of Bachelor of Arts.

Social structure and culture; simple societies and complex societies; the institutions of modern society. Capitalism as a type of social order; urbanization and industrialization. Sociological aspects of demographic change; occupational structure; social stratification; bureaucracy and rationalization; community, family and socialization. Social role.

Social action and interaction; anomie, alienation and ideology; sociology as perspective and as social science.

EXAMINATION: 1 paper or extended essays as required by the scheme of study.

Introduction to Sociology II

For first-year students of sociology reading for the single or joint honours degree of Bachelor of Arts.

A contemporary sociological analysis of Britain, with emphasis on empirical studies which throw light on social institutions and the problems of theory and methods in sociology.

EXAMINATION: 1 paper or extended essays as required by the scheme of study.

Intellectual and Cultural Trends of the Nineteenth and Twentieth Centuries

For first-year students reading for the degree of Bachelor of Arts in sociology.

An introduction to and discussion of some of the major intellectual and cultural currents that have influenced the development of social theory and sociology from the Enlightenment and the development of positivism to modern critiques of positivism.

EXAMINATION: 1 paper or extended essays as required by the scheme of study.

Social Trends and Movements in the Nineteenth and Twentieth Centuries

For first-year students reading for the degree of Bachelor of Arts in sociology.

A sociological study of the development of industrial society, with special reference to the European experience.

The nature and growth of capitalism; class and class conflict; the changing role of the state; science and technology; social change and social movements; mass culture and the conditions of the people; colonialism, imperialism and war.

EXAMINATION: 1 paper or extended essays as required by the scheme of study.

Introduction to Sociological Research

For first-year students reading for the degree of Bachelor of Arts in sociology.

An introduction to and an evaluation of a range of sociological research techniques. The emphasis is practical, with small-scale exercises illustrating the use of each particular method.

EXAMINATION: 1 paper and a research exercise.

Introduction to Cultural Studies

For first-year students reading for the degree of Bachelor of Arts in sociology with cultural studies.

The concept of 'culture'; theories of culture and society; introduction to current debates about the analysis of culture.

The history of culture, high culture and popular culture in Britain since 1780; class, gender and culture; the development of cultural institutions in the nineteenth and twentieth centuries.

EXAMINATION: 1 paper

SECOND YEAR

Approaches to Sociological Theory

For students of sociology reading for the single or joint honours degree of Bachelor of Arts.

The origins and development of sociology within the context of Western European social, cultural and political history. Major formative debates, concerns and topics of sociological theory and its relation to other human sciences (economics, history, anthropology, psychology). Major areas and concepts of sociological theory. The sociological teachings of Marx, Weber, Durkheim, Simmel and twentieth-century development in theory.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Social Processes and Institutions I

For students of sociology reading for the single or joint honours degree of Bachelor of Arts.

The development of industrial societies. Economic, political and technological developments. The labour process. Class divisions and inequalities; sexual divisions. Culture, education and the mass media. The changing character of the contemporary industrial society.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Social Processes and Institutions II

For students of sociology reading for the single or joint honours degree of Bachelor of Arts.

The development of 'underdeveloped' societies, seen as a global and historical process of interplay of economic and political factors with social and cultural change. Dimensions of inequality among: nation states; social classes; ethnic groups; the sexes. Rural and urban

social structures: peasantries and agrarian change; the 'informal sector'; forms and patterns of industrialization. 'Third World' social institutions: family and kinship; education; mass communications; technology. Political processes and types of regime. Selected case studies.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociological Research Methods

For students reading for the degree of Bachelor of Arts in sociology.

The main strategies of sociological research; competing notions of sociological explanation. Participant observation, experimental research, survey research, statistical methods, measurement, ethnomethodological research, comparative research, prescriptive methodology.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Theories of Culture

For students reading for the degree of Bachelor of Arts in sociology and cultural studies.

From ancient anthropology to the modern notion of historically formed alternative ways of life. The problems of cross-cultural communication and understanding.

The idea of culture and civilization as an extrapolation of the experience of the 'teaching-learning' society. The origins and development of the concept of civilization and culture.

Modern theories of culture; evolution, diffusion, functionalism, structuralism. Hermeneutical approaches to culture.

Theories of 'high culture'; the British tradition. Theories of mass culture and popular culture.

EXAMINATION: 1 paper *or* an essay of not more than 8,000 words *or* three essays of not more than 3,000 words each.

Cultural Institutions and Processes

For students reading for the degree of Bachelor of Arts in sociology with cultural studies.

Production and reproduction of culture in the nineteenth century; changing forms of patronage of the arts; women and cultural institutions; working-class culture and social control. The State and cultural production.

Science and society. Education, culture and social divisions. Race, ethnicity and culture.

Popular culture and mass culture; the rise of the mass media; media organizations and practices.

Alternative forms of culture since 1968; cultural politics and society.

EXAMINATION: 1 paper *or* an essay of not more than 8,000 words *or* three essays of not more than 3,000 words each.

FINAL YEAR

Comparative Development of Societies

For students reading for the degree of Bachelor of Arts in sociology.

The major macro-sociological theories of the nineteenth and twentieth centuries. Comparative methods in the social sciences. Models of social change. Economic, political and social development in comparative and historical perspective. Developmental tendencies in contemporary societies.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Contemporary Sociological Theory

For students reading for the degree of Bachelor of Arts in sociology.

Major debates of twentieth-century sociology; positivism vs. Verstehen, individualism vs. collectivism, value neutrality, relativism vs. objectivism. Structural functionalism, its variants and critics. The hermeneutic tradition. The phenomenological tradition. Ethnomethodology and its ramifications. Structuralism, French and British. Frankfurt School, old and new. Varieties of twentieth-century Marxism. Theoretical concerns of sociology in Britain.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Comparative Labour Movements

An optional course for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

Circumstances of origin, characteristics of labour forces and the variation in structure and orientation of labour movements. Processes of proletarianization: peasants and workers; the impact of migrant labour systems. Labour protest: hidden and overt forms. Processes and patterns of unionization. Organized labour and the state: labour movements in colonial and post-colonial systems and in socialist and capitalist societies. Modes of industrial relations.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Music and Society

Introduction to basic concepts of the course. *Music, Science and Society*: Impact of technology on musical thinking and research; Interrelations between science, art and society; Aesthetics and society; Evolution and social origins of musical forms (e.g. Classical, Jazz, Rock); Patronage, innovation and preference; Aspects of psychology of music (survey of psychological studies of music); social and psychological causation of musical structures. *Conclusion*: Social and cultural relativity of auditory and musical experience.

EXAMINATION: 1 paper or essay(s) as required by the scheme of study.

Philosophical Issues in Social Sciences

An optional course for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

Relations between purposes and techniques characteristic of, respectively, philosophical and sociological analysis and social vs. natural science. Nature of regularities in social science: explanation, understanding, the issue of subjunctive conditionals. Functional explanation and analysis. Value judgements and sociological analysis.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sexual Divisions and Society

An optional course for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

Sex, gender and society; position of women in modern Britain. Sexual differentiation of the areas of work, education, the family, the arts and the media. Women in history. Women in other societies. Feminism and sociology.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Social Anthropology

An optional course for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

The British tradition of social anthropology; kinship and marriage; economic anthropology; political anthropology; anthropological approaches to the study of religion, ritual and myths; anthropological studies of complex societies. Each topic and all theoretical concerns studied in relation to specific ethnographies.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Social Demography

An optional course for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

This course will introduce students to the basic concepts and tools of measurement used by the demographer. The first term will concentrate on demographic methods and techniques, largely illustrated from studies in British population. The second term will examine demographic trends in their social and economic contexts in Europe and will conclude with some discussion of the population situation in the Soviet Union and in the USA, and the world-scale problems of India and China.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Social Ecology

An optional subject for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

Biological foundations of human behaviour and social organization. Comparison of animal and human community structure and population dynamics. Cultural bases of human ecology. Survey of criticisms of the biological factors and cultural-historical factors: their reciprocal influence and constraints — theories and empirical evidence.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociological Theories of Development

An optional course for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

Early theories of social development (Comte, evolutionism). Developmental aspects of classical sociological thinkers (Marx, Weber). The post-war resurgence of development theory. Various schools and approaches: stages of growth, modernization, index-typological, impact-diffusionist, evolutionary, and psychologistic theories. The neo-Marxist critique and proposed alternative; theories of class, imperialism, and unequal exchange.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociology of Art and Literature

An optional subject for second- or final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

The social production of art and the social history of art and literature; the arts in capitalist society; women and artistic production; Marxist aesthetics; art as ideology; theories of interpretation; art and political commitment.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociology of Canadian Society

An optional course for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

Selected aspects of Canadian society, from colonial period to the present day, with comparative perspectives from the USA. Colonialism. Industrialization and social structure: native peoples; immigration; social divisions and the 'vertical mosaic'. Social institutions. Federal-provincial relationships. Regionalism and nationalism. Quebec. Social protest and social change. International role and relationships.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociology of Chinese Society

For students reading sociology for the degree of Bachelor of Arts in Chinese studies and optional for students reading sociology for the single or joint honours degree of Bachelor of Arts.

Chinese society from imperial to recent times: to include traditional Chinese social organization and culture; changes, attempts at modernization and revolutionary movements to 1949; policy issues and choice of strategies for development, and processes of transformation of economy and society since 1949. Reference to relevant sociological theory and comparisons with other societies where appropriate.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociology of Communist Societies

An optional course for second- or final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

Peasants and peasant revolutions. Major social groups of post-revolutionary societies and the changing pattern of social structure. Dimensions of status inequality. The 'partynomial' political system and major political institutions and conflicts. Circulation of elites.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociology of Crime

An optional subject for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

The nature of criminal law. Criminality and other forms of anti-social behaviour. Differences in crime between social groups. Theories of the causation of crime. The history and theory of punishment. Modern penal systems, with special reference to Great Britain, the U.S.A. and Scandinavia. Prediction techniques and recidivism. Crimes of violence, sexual offences. Crimes against property.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociology of Culture

An optional subject for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

Hierarchical, discriminatory and generic concepts of culture. Main stages and issues in the development of anthropological theory. Culture and social structure. Semiotic interpretation of culture. Crisis of culture in the modern world.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociology of Development
An optional subject for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

Selected topics from the area of development, one or more of which will be covered in any given year. Topics will include: case analyses of the developmental experience in selected regions or countries; social institutions and social problems in the third world; nationalism and development; theories of imperialism; theoretical approaches to development; cultural factors in third world development; gender divisions in the third world.

EXAMINATION: 1 paper or extended essay(s), as required by the scheme of study.

Sociology of Education

An optional course for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

Theoretical approaches to the sociological analysis of education. Links between sociology and the history of education in Britain. Central issues in a contemporary sociology of education: including reorganization of schooling in Britain, the professional socialization of teachers, problems in the role of teachers, sociology of the curriculum, problems for future research.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociology of the Family

An optional course for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

The family in Western Europe and North America: its history and present characteristics. The nuclear family, the household, and wider structures (groups and networks) based on kinship. Mate selection, love, marriage, marital adjustment, marital breakdown and divorce. Maternal care and maternal deprivation. Relations between the sexes, and between parents and children, and their bearing on aspects of the wider society such as women's employment; the 'dual-career family'. Theories and ideologies of the family in contemporary social thought.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociology of Industry

An optional course for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

The social organization of work in industrial societies in its historical-conceptual development, with emphasis on Weberian and management theoretical approaches. Role and role-conflict in organizations; authority and legitimation at work; industrial relations systems, trade unions and their relationship to both informal groups and administrative structures; the significance of technology as a determinant of the social organization of work; the nature and impact of professionalization in industry.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociology of Knowledge

An optional course for second- or final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

The development of the sociology of knowledge and its relationship to traditional epistemology, with special reference to the works of Marx, Weber, Durkheim, Mannheim, and Elias as well as recent research. Foundations in Marx's theories of praxis and social

being and consciousness; perspectivism; phenomenological approaches; the new history of ideas; and the problem of natural scientific knowledge. The issues of relativism, validity and truth.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociology of Medicine

An optional course for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

Sociological perspectives on health and disease, and the development of medical science. The social distribution of disease; social causes and results of disease. Illness as a form of human behaviour, 'sick role' theories. The development of healing professions. The structure of hospital care. The political economy of health care; determinants of health policy.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociology of Politics

An optional course for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

The structure and distribution of power, with special reference to the state in capitalist societies. Approaches to social and political change. Revolutionary and reformist movements.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociology of Race Relations and Ethnic Minorities in Britain

An optional course for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

Imperialism, migration and race relations; the structure of racial inequality in Britain; the social and cultural backgrounds of immigrants from South Asia and the West Indies; the internal organization of ethnic minorities in Britain; fundamental theoretical problems; race and other forms of social conflict and aggregation — caste, class, ethnicity and nationalism.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociology of Religion

An optional course for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

The theoretical development of the sociology of religion with special reference to the work of Marx, Freud, Durkheim, and Weber. Aspects of the study of comparative religious systems, Religious institutions in modern western societies, including sects and sectarianism in western and western colonial societies. The relationships between religious institutions and economic and political institutions. Recent research on religion in Britain and North America. The secularization debate and associated problems. Methodological problems in the sociology of religion.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociology of Science

An optional course for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

The sociology of science and the sociology of knowledge. The work of Merton; Kuhn; the new sociologies of science. Sociological vs. philosophical approaches to science. Science and rationality; anti-science movements. Scientism. The institutionalization of science. The development of science in different societies. The social organization and culture of science in industrial societies. The scientific community.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Sociology of Stratification

An optional course for final-year students reading sociology for the single or joint honours degree of Bachelor of Arts.

A study of major theories of stratification: Marx, Durkheim and integrationism, Weber, functionalism, modern conflict theories, the logic of industrialism approach, structuralism. Mobility patterns, occupational structures, economic differentiation, elites, patterns of voting behaviour and industrial militancy. Class consciousness and ideology, the embourgeoisment thesis. Role of stratification in economic development. The use of community studies.

EXAMINATION: 1 paper or extended essay(s) as required by the scheme of study.

Spanish

*As a subsidiary subject for the degree of Bachelor of Arts**

Subsidiary I (Beginners)
Grammar, translation, oral practice, reading and commentary on prescribed texts (four hours per week).

QUALIFYING EXAMINATION
1. Grammar and translation
2. Translation and prescribed texts
3. Oral.

Subsidiary Ix
Grammar, translation, oral practice and prescribed texts (4 hours per week).

QUALIFYING EXAMINATION
1. Translation from and into Spanish
2. Modern Spanish and Spanish-American literature
3. Oral.

Subsidiary II
Grammar, translation, oral practice and prescribed texts (4 hours per week).

PART I EXAMINATION (held in March)
1. Modern Spanish and Spanish-American literature.

Subsidiary IIx
Grammar, translation, oral practice and prescribed texts (4 hours per week).

PART I EXAMINATION (held in March)
1. Spanish literature to *c.* 1700.

* May be taken as a one-year or as a three-year subject by candidates in other single honours schemes. There are two streams, one for beginners or near-beginners and one for those with A-level in Spanish. The advanced courses are known as Ix, IIx and IIIx.

Subsidiary III
Written and oral language and prescribed texts (4 hours per week)

FINAL EXAMINATION
1. Translation from and into Spanish
2. Essay and précis in Spanish
3. Spanish literature to *c.* 1700
4. Oral.

Subsidiary IIIx
Written and oral language, plus one option (3 or 4 hours per week).

FINAL EXAMINATION
1. Translation from and into Spanish
2. Essay and précis in Spanish
3. One paper selected from papers 3-6 for the single-subject final examination in Spanish.
4. Oral.

RESIDENCE ABROAD

Candidates who offer Spanish as a subsidiary subject for three years will normally be required to spend the third term of the second year at a university in Spain or a Spanish-American country, the choice of the university to be subject to the approval of the Head of the Department of Spanish and Portuguese in consultation with the Head of the department in which the main subject is taken. Any student taking Spanish as a subsidiary subject who is unable to spend the third term of the second year in this manner will be required, before his or her final year, to spend at least one month at an approved vacation course in Spain or a Spanish-American country.

Theology and Religious Studies

As a subsidiary subject for the single honours degree of Bachelor of Arts and as a third approved subject for the joint honours degree of Bachelor of Arts.

ONE-YEAR COURSE

1. Introduction to the Christian Tradition
2. Introduction to Religious Studies
3. Introduction to Biblical Studies.

EXAMINATION: Three 2-hour papers (Introduction to the Christian tradition, Introduction to Religious studies and Introduction to Biblical studies). In addition, prescribed essays written in relation to seminars and courses will be taken into account.

TWO-YEAR COURSE

Students taking the two-year course take one course in each year selected from the courses on offer in the second and third years of the single honours degree.

EXAMINATION: One 3-hour paper in each subject selected.

For the single honours degree of Bachelor of Arts

First Year
1. *Introduction to the Christian Tradition.* Introduction to Theology as a discipline and a survey of selected themes in the history and thought of Christianity. (20 lectures)
2. *Introduction to Religious Studies.* Introduction to Religious Studies as a discipline and a survey of selected themes drawn from different religious traditions. (20 lectures)
3. *Introduction to Biblical Studies.* Introduction to the history and content of the Old and New Testaments and to the disciplines involved in study of the Bible. (20 lectures)

4. *New Testament I (Greek).* The elements of New Testament Greek, with a selected text for translation.
5. *Either*
Old Testament I (Hebrew). The elements of Biblical Hebrew. The grammar of Old Testament Hebrew will be studied with the reading of selected texts and an introduction to Old Testament Hebrew theological terms.
or
Some other subject approved by the Head of the Department.
6. Prescribed seminars.

Second Year
1. *Old Testament*
IIA *with Hebrew* (for students who have taken a first-year course in Hebrew):
(a) prescribed texts in Hebrew
(b) the literature, history and religion of Israel to A.D. 70.
or IIB *with Hebrew* (for students beginning Hebrew in their second year):
The grammar of Old Testament Hebrew with selected text and an introduction to Old Testament Hebrew theological terms.
or IIC *without Hebrew*:
The literature, history and religion of Israel to A.D. 70. (This course, Old Testament IIC, will be a *half-course* and will be examined by a *2-hour paper* at the end of the second year. Students taking this course will be required to take as an additional half-course *either* Selected Old Testament Topics (Old Testament IID) *or* any other half-course available from the second or third-year courses and approved by the Head of the Department. Such a supplementary half-course will be examined by a 2-hour paper either at the end of the second year or at the end of the third year as directed by the Head of the Department.

2. *New Testament (IIA)*
(a) Introduction to New Testament literature
(b) Prescribed text in Greek.

3. *Christian Theology I*
A study of Christian interpretations of the themes of God, humanity, and salvation, using the methods of historical, systematic and practical theology.

4. *Church history*
Four topics to be chosen from the following list (as available):
(i) The apologetic tradition in early and medieval Christianity
(ii) Formation of Catholicism
(iii) Church and state in the post-Nicene period
(iv) Iconoclasm in the Byzantine Empire
(v) Innocent III and his age
(vi) Monasticism
(vii) English religion in the seventeenth century
(viii) English religion in the eighteenth century
(ix) The rise of atheism, agnosticism and non-Christian humanism
(x) American church history.
(xi) A subject offered with the approval of the Head of Department.

5. *History of religions*
The following traditions will be studied as available:
A. *Hinduism.* The historical development of the Hindu religious tradition and major philosophical and theological ideas. Special emphasis is placed on the emergence of Neo-Hinduism during the nineteenth and twentieth centuries, religious and social change in contemporary India, and Hinduism in the West. Themes specially selected for further study may include Hindu scriptures, Hindu family and temple worship, the iconography of Hindu gods, and women in Hinduism.

B. *Islam*. The historical development of Islam from the time of Muhammad to the twentieth century. The course will include a study of the following themes: the life and mission of the Prophet; the principal ideas set forth in the Quar'an; Islamic law, theology, philosophy and mysticism; sectarian and reform movements within Islam; and Islamic modernism.
C. *Buddhism*. Buddhist origins; early organization and doctrinal developments. Major themes in Theravada Buddhism; the development and persistent themes of Mahayana Buddhism; further Mahayana developments in Tibet, China and Japan. The modern development of Buddhism in South East Asia; the Buddhist presence in the West; Buddhist-Christian encounter.

Third Year
1. *Christian theology 2*
2. *Either*
(a) *Philosophy of Religion*
The course will be divided into four parts:
(i) The problem of God
(ii) Problems of religious reflection (e.g. evil; grace and free-will; prayer)
(iii) Problems of language and meaning
(iv) Methodological issues in the philosophy of religion.
or
(b) *either Selected topics in the Comparative Study of Religions*
An introduction to the history of, and the main theories in, the comparative study of religion, with work on three or four selected problems.
or Sociology of Religion The development of religion as a discipline; its central debates about the relationship between social and religious change, religion and economic development, different types of religious institutions, patterns of sectarianism, the process of secularization, and new religious movements. Seminars will provide an opportunity for an in-depth study of special topics such as variables affecting religious experience, different types of religious authority and their legitimation, the image and status of women in different religions.
(c) *Old Testament IIIA* The course as in Old Testament IIA above.
For students who have not previously taken Old Testament IIA but who have previously taken Old Testament IIB.
(d) *New Testament III* Advanced study in prescribed texts in Greek.
3. *Two optional subjects* to be chosen (as available) from:
(a) Greek text and New Testament textual criticism
(b) Pauline and Johannine Christianity
(c) The Synoptic Problem
(d) The Church and the Jewish People
(e) Politics and Christian Thought
(f) Mission and Missions
(g) Popular Medieval Religion
(h) Religions of ethnic minorities in Britain
(i) A selected theologian, e.g. Augustine, Luther, Barth, Bonhoeffer
(j) Theology and Science
(k) Any of the subjects listed under 2 immediately above but not taken under that heading
(l) A subject offered with the approval of the Head of the Department.
At the direction of the Head of the Department of Theology and Religious Studies, optional subjects will be examined *either* by a 3-hour paper *or* by assessment of two or three essays totalling not more than 10,000 words or by a 2-hour paper and an essay of 4,000–5,000 words. Essays must be submitted not later than the first day of the third term of the final year.

4. *Essay* This may be on any subject related to the scheme of study which has been approved by the Head of the Department.

For the joint honours degree of Bachelor of Arts

(a) *Theology*

First Year
1. *Introduction to the Christian Tradition**
2. *Introduction to Religious Studies**
3. *Introduction to Biblical Studies**
In addition students are required to attend prescribed seminars.

Second Year
1. *New Testament* (Course New Testament IIB)
   (a) Introduction to New Testament literature
   (b) Prescribed text in English
2. *Christian Theology 1**

Final Year
1. *Either Old Testament IIC* (and accompanying half-course)*
   *or Church History**
2. *Christian theology 2*
3. *Optional subject*
Either one of the basic courses (Old Testament IIC, Church History, History of Religions) not already taken*
or one subject from the list of optional subjects given for the Bachelor of Arts in Theology and Religious Studies
4. *Essay* or special subject if prescribed in the particular scheme

(b) *Religious Studies*

First Year
1. *Introduction to the Christian Tradition**
2. *Introduction to Religious Studies**
3. *Introduction to Biblical Studies**
In addition students are required to attend prescribed seminars.

Second Year
1. *History of Religions**
2. *Church History**

Final Year
1. *Either* Sociology of Religion *or* Selected topics in the Comparative Study of Religion (as offered)*
2. *Optional subject*
Either one of the basic courses (Old Testament IIC, New Testament IIB, Christian Theology) not already taken*
or one subject from the list of optional subjects given for the Bachelor of Arts in Theology and Religious Studies
3. Essay or special subject if prescribed in the particular scheme.

* For details see courses prescribed for the degree of B.A. in Theology and Religious Studies, pages 248–249.

Courses given by other Faculties

FACULTY OF SCIENCE

Computer Science

For the degree of Bachelor of Arts in Economics and Accounting

Data Processing 1EC

20 lectures and 20 hours' practical work

This course provides a broadly based introduction to Data Processing, covering the use of computer hardware and software, file organisation, the design and implementation of computer systems, and information technology.

EXAMINATIONS: 1 2-hour paper, together with an examined component of assessed coursework.

Mathematics

As a subsidiary subject for the degree of Bachelor of Arts

ONE-YEAR COURSES

Mathematics 0A, Mathematics 1A or Mathematics 1EC

Statistics 1A

These courses may be offered as independent one-year subsidiary subjects.

To be exempt from Mathematics 0A a candidate should normally have achieved a good performance in Mathematics (including both pure and applied) at the advanced level in the General Certificate of Education examination. Candidates who have offered Pure Mathematics with Statistics or Pure Mathematics only may be considered for exemption. Mathematics 1A, Mathematics 1EC and Statistics 1A may be taken as one-year courses only if exemption from Mathematics 0A has been obtained.

TWO-YEAR COURSES

Mathematics 1A and Mathematics 2A
(only if Mathematics 0A has previously been successfully taken as a one-year course or if exemption therefrom has been obtained)

or Mathematics 2A and Mathematics 3A
(only if Mathematics 1A has previously been successfully taken as a one-year course).

For the degree of Bachelor of Arts in mathematics

The prescribed courses in mathematics are Mathematics 1MM and 2MM, taken in successive years, and followed by Mathematics 3MM.

Courses

Component 1P1: Pure Mathematics

Complex numbers, functions of one and more than one variable, partial differentiation, sequences and series, linear equations, determinants, matrices, eigen values and eigen vectors.

Monday, Wednesday and Friday 12 to 1.

Component 1A1: Applied mathematics.

Differential equations and vector algebra with applications to the mathematical modelling of mechanical and non-mechanical systems.

Tuesday and Thursday 12 to 1 and Wednesday 10 to 11.

Component 1S1: Statistics

Elementary treatment of statistical data, probability distributions, sampling theory, probability theory.

Tuesday and Friday 9 to 10 or alternatively Tuesday 10 to 11 and Friday 10 to 11.

Component 1S2: Statistics

Probability theory, elementary stochastic processes.

Monday and Wednesday 9 to 10 or alternatively Monday 10 to 11 and Thursday 9 to 10.

Mathematics 0A

Monday, Tuesday, Wednesday and Friday 9 to 10.

Algebra, calculus, geometry, statics and dynamics.

EXAMINATION: 2 papers.

Mathematics 1A

Monday, Tuesday, Wednesday, Thursday, and Friday 12 to 1, and Wednesday 10 to 11.

Components 1P1 and 1A1.

EXAMINATION: 2 papers.

Mathematics 2A

Second year: Monday, Wednesday and Friday 10 to 11; Wednesday and Friday 12 to 1; and one additional hour at a time to be arranged.

Elementary real and complex variable analysis; linear and abstract algebra. Vector analysis; line surface and volume integration; partial differential equations; dynamics.

EXAMINATION: 2 papers.

In assessing the result of the final examination, the candidate's performance in the Mathematics 2A examination will be taken into account.

Mathematics 3A

5 hours a week or the equivalent and tutorial classes at times to be arranged.

Selected topics in pure and applied mathematics.

EXAMINATION: 3 papers. Course work/projects may be involved in the overall assessment and may, exceptionally, replace one paper.

Mathematics 1EC

Monday, Wednesday and Friday 9 to 10 and an examples class at a time to be arranged.

Complex numbers; limit of a function, mean value theorem; l'Hôpital's rule, hyperbolic functions and their inverses; partial differentiation; improper integrals; solution of simultaneous linear equations, determinants; matrix algebra, rank and inverse of a matrix; linear dependence and independence of vectors; eigen values and vectors, sequences and

series; Taylor and Fourier series; errors, methods of solution of algebraic equations; numerical linear algebra.

EXAMINATION: 2 papers.

Statistics 1A

Monday, Tuesday, Wednesday and Friday 9 to 10; *or* Monday, Tuesday, Friday 10 to 11 and Thursday 9 to 10.

Components 1S1 and 1S2.

EXAMINATION: 2 papers and an assessment of practical work during the course.

Mathematics 1MM

13 hours a week and tutorial classes at times to be arranged.

Calculus, analysis, linear and abstract algebra, differential equations, vector algebra and analysis, elementary particle and rigid body dynamics, mathematical modelling of physical situations.

Elementary treatment of statistical data, probability distributions, sampling theory, probability theory, elementary stochastic processes including branching processes.

Principles of computer programming, numerical calculus.

Each course will be examined.

Mathematics 2MM

12 hours a week and tutorial classes at times to be arranged.

Approved selection of courses, some extending over the whole session and others over half the session, from list including algebra, topology, analysis, mathematical logic, geometry, mathematical methods, continuum and fluid mechanics, electromagnetic theory, particle and field dynamics, statistics, computation, operational research.

Each course will be examined.

Mathematics 3MM

9 hours a week and tutorial classes at times to be arranged.

Courses, some extending over the whole session and others over half the session, will be given on a number of topics. In any one year the list of topics may include real variable analysis, complex variable analysis, functional analysis, analytic topology, algebraic topology, differential topology, geometry, algebra, groups, rings, theory of numbers, mathematical logic, set theory, electromagnetism, fluid mechanics, advanced dynamics, statistical mechanics, quantum theory, relativity, elasticity, waves, aircraft dynamics, astronomy, mathematical methods, control theory, numerical analysis, linear and non-linear programming, topics in operational research, statistics, probability, stochastic processes, experimental design, multivariate analysis.

Each candidate will take a selection of courses, approved by the Chairman of the School of Mathematics, some extending over the whole session and others over half the session.

Each course will be examined. (In assessing the result of the final examination the candidate's performance in the Mathematics 2MM examination will be taken into account.)

Psychology

For the degree of Bachelor of Arts in management studies and psychology, or in philosophy and psychology, or in psychology and sociology, or as a third approved subject

Psychology C1

First year: Monday, 10 to 11 and 3 to 4; Thursday, 2 to 3; in the first and second terms. Practical classes (Wednesday, 2 to 5; or Thursday, 3 to 6) and one-hour, weekly tutorials during the three terms.

The courses will normally include:
social psychology; developmental psychology; human experimental psychology practical; biological psychology; learning; cognitive psychology; perception; statistics and computing.

EXAMINATION: 2 papers of three hours and assessment of practical and course work.

Psychology C2

Second year: 4 hours' lectures a week (for the first and second terms), 8 three-hour practical classes, and one-hour, weekly tutorials at times to be arranged during the three terms.

The courses will normally include:
social psychology; developmental psychology; psychometrics; individual differences; cognitive psychology; perception; psycholinguistics; experimental and statistical methodology. Students taking the BA degree in Philosophy and Psychology will also study history and philosophy of psychology.

Practical classes and tutorials to accompany each lecture course.

EXAMINATION: Two 3-hour papers and an assessment of practical and course work. Practical work in psychology is an integral part of the course, and practical notebooks and course essays will be assessed as part of the final examination.

Psychology C3 (For BA in Philosophy and Psychology, and for BA in Psychology and Sociology)

Third year: (For BA in Philosophy and Psychology and for BA in Psychology and Sociology)

A candidate will select one or two of the following three options:
(i) applied social psychology; (ii) developmental psychology; (iii) cognitive psychology. Instead of a second option, an individual research project may be chosen, or equivalent courses in the second subject.

Each option comprises for terms 1 and 2, 2 hours a week lectures and 2 hours a week for practicals, seminars and tutorials at times to be arranged. There will also be an examination on general issues in psychology, for which there is no specific course, which will cover the whole range of topics which has been taught and which will include questions on modern theories in Psychology.

EXAMINATION:

For BA in Philosophy and Psychology: 3 papers of three hours for a candidate selecting two options: *Paper 1* – general psychology; *Paper 2* – first option; *Paper 3* – second option. (For a candidate selecting a project and option, the project is weighted equally with each of the two written papers.)

For BA in Psychology and Sociology: 3 papers of three hours for a candidate selecting two options: *Paper 1*– general psychology; *Paper 2* – first option; *Paper 3* – second option. 2 papers of three hours for a candidate selecting one option, with or without project: *Paper 1* – general psychology; *Paper 2* – option. (For a candidate selecting a project and option, the project is weighted equally with each of the two written papers.) A candidate who selects one option and no project takes an additional examination in Sociology.

For BA in Philosophy and Psychology and in Psychology and Sociology, assessment of course work and practical work will form part of the final examination. In determining the result of the final examination, the candidate's performance in Psychology C2 will be taken into account.
An oral examination may also be required.
Third year: (For BA in Management Studies and Psychology)

Each candidate will take one full-option and one half-option: applied social psychology (4 component courses) and either developmental psychology (2 of 4 component courses) or cognitive psychology (2 of 4 component courses). A candidate will also undertake an individual research project.

Each option comprises, for terms 1 and 2, 2 hours a week lectures and 2 hours a week for practicals, seminars and tutorials, at times to be arranged. The research project will entail 4 hours work a week for terms 1 and 2. There will also be an examination on general issues in psychology for which there is no specific course which will cover the whole range of topics which has been taught and which will include questions on modern theories in psychology.

EXAMINATION: 2 papers of three hours, a research project, and an assessment of course work and practicals. In assessing the result of the final examination, the candidate's performance in Psychology C2 will be taken into account. An oral examination may also be required.

As a subsidiary subject for the degree of Bachelor of Arts

Psychology

ONE-YEAR COURSE

First Year
Monday, 10 to 11 and 3 to 4; Thursday, 2 to 3; and tutorials at times to be arranged.

The courses will normally include:
social psychology; developmental psychology; biological psychology; learning; cognitive psychology; perception.

EXAMINATION: 2 papers of three hours.

FACULTY OF ENGINEERING

Colour Chemistry

For the degree of Bachelor of Arts in Textile Design and in Textile Management, and for the postgraduate diploma in Textile Design.

Dyeing 1TI

Third year: Wednesday 9 to 10.

A general course in textile coloration.

Examined as part of one final paper.

Textile Industries

For the degree of Bachelor of Arts in Textile Design

Textile Technology D1

First year: 8 lectures a week and laboratory work.

An introductory course covering raw materials; elementary textile science, yarn manufacture; principles of fabric structure and fabric manufacture.

EXAMINATION: Two 3-hour papers and one 2-hour paper.

Textile Technology D2

Second year: 7½ lectures a week and laboratory work.

Weaving and knitting mechanisms; fabric structure and analysis; historic and contemporary fabrics; statistics and textile testing; textile design management.

EXAMINATION: Three 3-hour papers.

Textile Technology D3

Third year: 8 lectures a week and laboratory work.

Advanced knitting; advanced woven fabric structure; analysis of knitted and woven fabrics; printed textiles; dyeing and textile finishing; clothing technology; textile design management.

EXAMINATION: Three 3-hour papers.

Textile Design 1, 2 and 3

First, Second and Third years.

Design and colour for woven and printed fabrics; studio work; weaving, knitting and screen printing.

For the degree of Bachelor of Arts in Textile Management

Textile Management 1A

First year; 1½ lectures a week and tutorials.

Textile mathematics; financial accounting for textile management.

EXAMINATION: One 2-hour paper.

Textile Technology M1

First year; 8 lectures a week and laboratory work.

An introductory course covering raw materials; elementary textile science; yarn manufacture; principles of fabric structure and fabric manufacture.

EXAMINATION: Two 3-hour papers and one 2-hour paper.

Textile Management 2A

Second year; 3½ lectures a week, tutorials and laboratory work.

Economic issues in the British textile industry; health and safety in textile processing; statistics and quality control; computer appreciation.

Textile Technology M2

Second year; 5½ lectures a week and laboratory work.

Weaving and knitting mechanisms; non-woven fabrics; fabric construction and analysis; synthetic fibres and polymers; textile testing.

EXAMINATION: Two 3-hour papers and one 2-hour paper.

Textile Management 3A

Third year; 2 lectures a week and seminars.

Diffusion of technological innovation in the textile industry; operations management in the textile industry.

EXAMINATION: 1 paper.

Textile Technology M3(1)

Third year; 3½ lectures a week and laboratory work.

Dyeing; textile finishing; *one* of the option courses listed below.

EXAMINATION: One 3-hour paper and one 1½-hour paper.

Textile Technology M3(2)*

Third year: 2 lectures a week and laboratory work.

Two of the option courses listed below.

EXAMINATION: One 3-hour paper.

Option Courses† to be selected with the approval of the Head of the Department.

Advanced yarn manufacture; advanced knitting; advanced woven fabric structure; pile fabrics; clothing technology; industrial textiles; product development and quality control.

* Candidates must take *either* Management Studies TM3(2) *or* Textile Technology M3(2).

† Not all the courses in this list will necessarily be available in any one year and new subjects may be added from time to time.

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ORDINANCE III. DEGREES IN EDUCATION

1. The degrees in Education shall be:

Bachelor of Education (B.Ed.) (see Ordinance IX)
Master of Education (M.Ed.)
Master of Philosophy (M.Phil.)
Doctor of Philosophy (Ph.D.)

THE DEGREE OF BACHELOR OF EDUCATION

The degree of Bachelor of Education is governed by Ordinance IX, articles 1, 2 and 13–23 and the relevant regulations under that Ordinance.

THE DEGREE OF MASTER OF EDUCATION

2. The degree of Master of Education may be conferred, on payment of the proper fee

(a) upon graduates of the University of Leeds or of any other approved university or institution, or

(b) in approved cases upon persons who are not graduates,

who have

either (i) satisfactorily completed an approved full-time or part-time scheme of advanced study in the University and passed the prescribed examination;
or (ii) undertaken research on a subject and under supervision approved by the Board of Faculty and presented a thesis satisfactory to the Senate,

subject to the fulfilment of the conditions laid down in the following Articles and the regulations governing the award of the degree, and provided that all such persons have qualifications which are acceptable to the Senate as an appropriate preparation for the particular advanced study scheme or research envisaged.

The degree of Master of Education by advanced study

3. Candidates for the degree by advanced study shall normally be required to have had not less than two years' experience *either* in approved full-time service as a teacher in a school *or* in some other approved education work.

4. Applicants for admission to the degree by advanced study under the terms of article 2(b) above and/or who have not met the requirements of article 3 above shall be required to provide evidence of fitness to proceed to study for a higher degree.

5. Candidates for the degree of Master of Education by advanced study shall normally pursue:

(a) a scheme of part-time study extending over not less than two calendar years
or (b) a scheme, extending over not less than two academic years, consisting largely of part-time study but incorporating a period of at least one term of full-time study approved by the Board of Faculty,
or (c) a scheme of full-time study extending over not less than one calendar year.

The degree of Master of Education by research

6. Candidates who have graduated with first- or second-class honours, or who hold qualifications which are deemed by the Senate to be equivalent to first- or second-class honours degrees, or who have gained a postgraduate diploma at a sufficiently high standard in a subject regarded as an adequate preparation, will be eligible to proceed to the degree after the minimum period of research prescribed in article 8 below.

7. In exceptional circumstances, persons who do not qualify under article 6 above may be accepted as candidates for the degree by supervised research if they satisfy the Senate that their educational attainments and experience qualify them to undertake an approved course of supervised research at the appropriate level. Such candidates must normally reach a satisfactory standard in a special preliminary examination.

8. Candidates for the degree by supervised research will be required to undertake their research over *either* one calendar year of full-time study *or* two calendar years of part-time study, under arrangements for their attendance at the University which have been approved in each case by the Board of Faculty.

(See also the regulations on pages 3 and 6)

DIPLOMAS AND CERTIFICATES

9. Diplomas and certificates may be granted by the University in such subjects as the Council may from time to time determine, to students who pursue the courses of study and satisfy the examiners as prescribed and who pay the appropriate fee.

10. The Council is empowered to make regulations from time to time under which such diplomas and certificates shall be awarded.

11. The award of diplomas and certificates under this Ordinance is delegated to the Senate.

THE DEGREE OF MASTER OF ARTS

The degree of Master of Arts in Education and Local History, in English Literature and Education, and in Physical Education is governed by Ordinance II, articles 11–16 and by the relevant regulations on pages 39 and 40.

THE DEGREE OF MASTER OF SCIENCE

The degree of Master of Science in Mathematical Education and Mathematics is governed by Ordinance V, articles 14–19 and by the relevant regulations on page 41.

THE DEGREE OF MASTER OF PHILOSOPHY

The degree of Master of Philosophy is governed by Ordinance X, articles 2–13 and by the relevant regulations on pages 16 and 17.

THE DEGREE OF DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is governed by Ordinance X, articles 14–21 and by the relevant regulations on pages 17 and 18.

Regulations for Degrees

THE DEGREE OF BACHELOR OF EDUCATION

The degree of Bachelor of Education is governed by Ordinance IX. articles 1. 2 and 13–23 and the relevant regulations under that Ordinance.

THE DEGREE OF MASTER OF EDUCATION

1. Candidates accepted for the degree of Master of Education shall be required to be registered as full-time or part-time students of the University and

either (a) (i) to pursue an approved scheme of study under the supervision of the appropriate head of department,

and (ii) to attend to the satisfaction of their head of department such courses of instruction in the University as the Senate, on the recommendation of the Board of Faculty, may require,

or (b) (i) to undertake approved research leading to the presentation of a thesis, as prescribed by the Board of Faculty and to the satisfaction of their head of department, under the supervision of a member or members of the academic staff in one of the following:

Department of Adult and Continuing Education
School of Education
Department of Physical Education

and (ii) to give evidence of satisfactory progress by such means as may be prescribed by their head of department.

2. A full-time candidate must devote his whole time during his course to his advanced study or research. In appropriate circumstances and with the approval of the appropriate head(s) of department(s), full-time candidates may be permitted to undertake normally not more than one of the courses listed under regulation 7 which have been made available primarily for students studying on a part-time basis.

3. The names of candidates who have satisfied the examiners shall be published in alphabetical order. The degree may be awarded with distinction for work of exceptional merit.

4. A candidate who has failed to reach a satisfactory standard in the examination for the degree of Master of Education may be permitted, on the special recommendation of the examiners, to present himself for re-examination on one occasion only. (See also regulation 11 below.)

The degree of Master of Education by advanced study

5. Applicants for acceptance for the degree by advanced study under Article 2(b) must normally present themselves for interview by the appropriate committee which may require such applicants to take an examination designed as a test of fitness to proceed for study for a higher degree.

6. Schemes of advanced study for the degree of Master of Education will normally start in October each year, at the beginning of the academic session.

7. All candidates for the degree by advanced study must undertake studies selected with the approval of the head of the appropriate department from the following list* of subjects:

In Education
(a) Assessment†
(b) Comparative education
(c) The teaching of intellectual skills; its rationale and technology
(d) Curriculum theory
(e) Educational administration
(f) Educational psychology‡
(g) History of education
(h) Educational research methods†
(i) Philosophy of education
(j) Sociology of education
(k) The learning of science and mathematics
(l) Mathematical education
(m) The study of regional and local history
(n) Geographical education
(o) The administration of education in developing countries
(p) Curriculum theory (science)
(q) The English curriculum in developing countries
(r) Sex differences in education
(s) Special educational needs
(t) Developing literacy in the primary years
(u) English teaching in the secondary school
(v) The primary curriculum
(w) Management in Schools and Colleges§

In Adult Education
(a) The origins of modern adult education
(b) Sociology and the education of adults
(c) The arts and crafts and adult education
(d) Concepts and values in adult and continuing education
(e) Continuing education for the professions
(f) Psychology and the education of adults‡
(g) Organisation theory in adult and continuing education§
(h) Comparative adult education

In Physical Education
(a) Philosophy and physical education
(b) Values in physical education

* Not all subjects will be available in any one year and other subjects may be added from time to time. The examination of some courses may include means of assessment in addition to or other than a three-hour written paper during the May/June examination period (further details may be obtained from the Department concerned).

† Mutually exclusive.

‡ Mutually exclusive.

§ Mutually exclusive.

With the approval of the head of the appropriate department candidates may be permitted to undertake a course or courses from other Masters degree schemes.

8. In the first year of their course all candidates for the degree by advanced part-time study must attend for tuition in two of the above available subjects and present themselves for examination in the subjects of their study in the May/June examination period.

9. Candidates for the degree by full-time advanced study may proceed either by Scheme A or, with the approval of their head of department, by Scheme B.

SCHEME A

Candidates must attend for tuition in three of the above available subjects and present themselves for examination in the subjects of their study in the May/June examination period. Candidates are also required to prepare under supervision and submit for examination, no earlier and no later than dates determined by the head of their appropriate department, a critical study or research exercise.* The topic of this study must be approved by the head of the appropriate department. At the discretion of the examiners an oral examination may be required.

SCHEME B

Candidates must attend for tuition in two of the above available subjects and present themselves for examination in the subjects of their study in the May/June examination period. Candidates are also required to prepare a dissertation, as prescribed by the Board of the Faculty, under the supervision of a member or members of the academic staff in the department concerned. Dissertations shall normally be submitted for examination no earlier and no later than dates determined by the head of the appropriate department. Candidates will also be required to present themselves for either an oral or a written examination on the topic of the dissertation (a requirement which may be waived at the discretion of the examiners).

10. Those candidates who successfully complete the first year of part-time advanced study may proceed either by Scheme A or, with the approval of their head of department, Scheme B.

SCHEME A

To follow one session's part-time study in one other subject (chosen with the approval of the head of the department concerned from such of the subjects listed under regulation 7 as may be available) and to present themselves for examination in that subject. Candidates are also required to prepare under supervision and submit for examination a critical study or research exercise.* The topic of this study must be approved by the head of the appropriate department, normally during October of the second year. The critical study or research exercise shall normally be submitted for examination no earlier than a date at the end of the second year determined by the head of the appropriate department.

SCHEME B

To prepare a dissertation, as prescribed by the Board of the Faculty, under the supervision of a member or members of the academic staff in the department concerned. The topic shall normally be determined at the beginning of the second year. Dissertations shall normally be submitted for examination no earlier than a date at the end of the second year

* Candidates are required to submit for examination two typescript copies of their critical study or research exercise, at least one copy of which shall be retained by the University on completion of the examination. The critical study or research exercise should be about 12,000 words in length and submitted in the form approved by the School or Department concerned.

determined by the head of the appropriate department. Candidates will also be required to present themselves for either an oral or written examination on the topic of the dissertation (a requirement which may be waived at the discretion of the examiners).

11. Not less than three months before completion of his course a candidate presenting a dissertation under scheme B above must submit the proposed title of his dissertation for approval by the Board of Faculty and make application to the Registrar to be examined. Thereafter, but not later than a date in any year, as determined by the head of the appropriate department, the candidate must submit for examination two copies of the dissertation containing a short abstract which should be bound at the front of the dissertation. Dissertations must be bound in the standard form, particulars of which may be obtained from the Registrar. The top copy or a photocopy of the dissertation approved for the degree will be retained in the University library; a carbon copy will not be acceptable for this purpose. The language of the dissertation shall be English.

12. Candidates for the degree by full-time advanced study who have failed to reach a satisfactory standard in the examination for the degree of Master of Education may be permitted, on the special recommendation of the examiners, to present themselves for re-examination as prescribed by the examiners on one occasion only, not later than the end of the subsequent year.

13. Candidates for the degree by advanced part-time study who have failed a first-year examination may be permitted, on the special recommendation of the examiners, to present themselves for re-examination on one occasion only before proceeding to the second year of the scheme of study. Candidates who have failed their second-year examinations may be permitted, on the special recommendation of the examiners, to present themselves for re-examination as prescribed by the examiners on one occasion only not later than the end of the subsequent year.

14. Except with the special permission of the Board of the Faculty, every candidate for the degree of Master of Education by advanced study shall be required to have completed all examination requirements, including any re-examinations that have been required by the examiners, by not later than 12 months after the expiry of the prescribed period of study.

The degree of Master of Education by research

15. Applicants for acceptance for the degree by supervised research under Article 7 must present themselves for interview by the appropriate committee before taking the special preliminary examination: both the interview and preliminary examination may include questions outside the immediate subject of research which the candidate wishes to investigate.

16. A candidate for the degree by research must not submit as his thesis or part of his thesis work for which another degree or similar qualification has been awarded, or which is under consideration for such an award.

17. Not less than three months before the submission of his thesis, a candidate for the degree by research must make application to the Registrar to be examined. The last date for the submission of the thesis shall normally be at the end of the prescribed period of research: in exceptional circumstances this may be extended by not more than three months by prior permission of the Board of Faculty. The candidate must submit two copies of the thesis containing a short abstract which should be bound at the front of the thesis. Theses

must be bound in the standard form, particulars of which may be obtained from the Registrar. The top copy or a photocopy of the thesis approved for the degree will be retained in the University library; a carbon copy will not be acceptable for this purpose. The language of the thesis shall be English.

18. To qualify for the award of the degree of Master of Education by research, the candidate must:

(a) present a thesis on the subject of his research and satisfy his examiners that it is of sufficient merit and that it contains material at a level suitable for publication;

(b) present himself for oral examination (a requirement which may be waived at the discretion of the examiners) and satisfy his examiners therein and/or in such other tests as his examiners may prescribe.

(See also the appropriate section of Ordinance III on page 2.)

THE DEGREE OF MASTER OF ARTS

The degree of Master of Arts in Education and Local History, in English Literature and Education, and in Physical Education is governed by Ordinance II, articles 11–16 and by the relevant regulations on pages 39 and 40.

THE DEGREE OF MASTER OF SCIENCE

The degree of Master of Science in Mathematical Education and Mathematics is governed by Ordinance V, articles 14–19 and by the relevant regulations on page 41.

THE DEGREE OF MASTER OF PHILOSOPHY

The degree of Master of Philosophy is governed by Ordinance X, articles 2–13 and the relevant regulations on pages 16 and 17.

THE DEGREE OF DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is governed by Ordinance X, articles 14–21 and the relevant regulations on pages 17 and 18.

ORDINANCE II. (Extracts)

THE DEGREE OF MASTER OF ARTS OR MASTER OF ARTS (COLLEGIATE)

11. The degree of Master of Arts may be conferred, on payment of the proper fee,
(a) upon graduates of the University of Leeds or of any other approved university or institution, or
(b) in approved cases upon persons who are not graduates
who have
either (i) satisfactorily completed an approved full-time or part-time scheme of advanced study in the University and passed the prescribed examination;
or (ii) undertaken research in the University on a subject and under supervision approved by the Board of the Faculties and presented a thesis satisfactory to the Senate,
subject to the fulfilment of the conditions laid down in the following articles and the regulations governing the award of the degree, and provided that all such persons have qualifications which are acceptable to the Senate as an appropriate preparation for the particular advanced study scheme or research envisaged.

12. The degree of Master of Arts (Collegiate) may be conferred, on payment of the proper fee,
(a) upon graduates of the University of Leeds or of any other approved university or institution, or
(b) in approved cases upon persons who are not graduates
who have satisfactorily completed an approved full-time or part-time scheme of advanced study in a college or institution affiliated to the University under the provisions of Article 8(a) of Ordinance I, and passed the prescribed examination, subject to the fulfilment of the conditions laid down in the following articles and the regulations governing the award of the degree, and provided that all such persons have qualifications which are acceptable to the Senate as an appropriate preparation for the particular advanced study scheme envisaged.

13. Schemes of advanced study leading to the degree of Master of Arts or Master of Arts (Collegiate) may vary in length from subject to subject but in no case shall the period of full-time study be less than one academic year, or of part-time study be less than two academic years. Candidates for the degree of Master of Arts by supervised research will be required to undertake their research over *either* one calendar year of full-time study *or* two calendar years of part-time study, under arrangements for their attendance at the University which have been approved in each case by the Board of the Faculties.

14. Candidates who have graduated with first- or second-class honours, or who hold qualifications which are deemed by the Senate to be equivalent to first- or second-class honours degrees, or who have gained a postgraduate diploma at a sufficiently high standard in a subject regarded as an adequate preparation, will be eligible to proceed to the degree after the minimum period of study or period of research prescribed in article 13 above.

15. Persons who are unable to satisfy the requirements of article 14 above but who have qualifications and experience of special relevance to the scheme of advanced study envisaged may be accepted as candidates for the degree by advanced study on the recommendation of the Board of the Faculties and will normally be required to undertake an approved scheme of advanced study for such period in excess of the prescribed minimum as may be determined in each case.

16. In exceptional circumstances, persons who do not qualify under article 14 above may be accepted as candidates for the degree by supervised research if they satisfy the Senate that their educational attainments and experience qualify them to undertake an approved course of supervised research at the appropriate level. Such candidates must normally reach a satisfactory standard in a special preliminary examination.

THE DEGREE OF MASTER OF ARTS* OR MASTER OF ARTS (COLLEGIATE)

9. Candidates accepted for the degree of Master of Arts shall be required to be registered as full-time or part-time students of the University and

either

(a) (i) to attend to the satisfaction of their head of department such courses of instruction in the University as the Senate, on the recommendation of the Board of the Faculties, may require, and

(ii) if accepted under the provisions of article 14, to give evidence by examination or otherwise, to their head of department not later than the end of the third term of their period of study that their progress has been satisfactory,

or

(b) (i) to undertake approved research leading to the presentation of a thesis, as prescribed by the Board of the Faculties and to the satisfaction of their head of department, under the supervision of a member or members of the academic staff in one of the following:

[the list of departments in which a candidate may study for the degree of Master of Arts by research may be obtained from the Registrar]

and

(ii) to give evidence of satisfactory progress by such means as may be prescribed by their head of department.

10. Candidates for the degree of Master of Arts (Collegiate) shall be required to be registered as full-time or part-time students of their affiliated college and:

(i) to attend to the satisfaction of the Principal of that college such courses of instruction in the college as the Senate, on the recommendation of the Board of the Faculties, may require, and

(ii) if accepted under the provisions of Article 15, to give evidence by examination or otherwise, to the Principal of their college, not later than the end of the third term of their period of study that their progress has been satisfactory.

11. Applicants for acceptance for the degree of Master of Arts under article 16 must present themselves for interview by the appropriate committee before taking the special preliminary examination: both the interview and preliminary examination may include questions outside the immediate subject of research which the candidate wishes to investigate.

12. A full-time candidate must devote his whole time during his course to his advanced study or research.

13. Schemes of advanced study for the degree of Master of Arts or Master of Arts (Collegiate) will normally start in October each year, at the beginning of the academic session.

* In the Faculty of Law, the M.A. (Legal Studies) is by research only.

14. The examination for the degree by advanced study may include, in addition to any written papers, assessment of a dissertation* on a minor research project and, at the discretion of the examiners, an oral examination.

15. A candidate for the degree by research must not submit as his thesis or part of his thesis work for which another degree or similar qualification has been awarded, or which is under consideration for such an award.

16. Not less than three months before the submission of his thesis, a candidate for the degree by research must make application to the Registrar to be examined. The last date for the submission of the thesis shall normally be at the end of the prescribed period of research: in exceptional circumstances this may be extended by not more than three months by prior permission of the Board of the Faculties. The candidate must submit two copies of the thesis containing a short abstract which should be bound at the front of the thesis. Theses must be bound in the standard form, particulars of which may be obtained from the Registrar. The top copy or a photocopy of the thesis approved for the degree will be retained in the University library; a carbon copy will not be acceptable for this purpose. The language of the thesis shall normally be English although, if the particular subject so demands, the Board of the Faculties may be prepared to give its prior permission for a thesis to be submitted in a language other than English.

17. To qualify for the award of the degree of Master of Arts by research, the candidate must:

(a) present a thesis on the subject of his research and satisfy his examiners that it is of sufficient merit and that it contains material at a level suitable for publication;

(b) present himself for oral examination (a requirement which may be waived at the discretion of the examiners) and satisfy his examiners therein and/or in such other tests as his examiners may prescribe.

18. The names of candidates who have satisfied the examiners shall be published in alphabetical order. The degree may be awarded with distinction for work of exceptional merit.

19. A candidate who has failed to reach a satisfactory standard in the examination for the degree of Master of Arts or Master of Arts (Collegiate) may be permitted, on the special recommendation of the examiners, to present himself for re-examination on one occasion only.

20. Except with the special permission of the Board of the Faculties every candidate for the degree of Master of Arts or Master of Arts (Collegiate) by advanced study shall be required to have completed all examination requirements, including any re-examinations that have been required by the examiners, by not later than 12 months after the expiry of the prescribed period of study.

* Candidates are recommended to seek advice from their department or their college as to the number of copies required of any such dissertation, and its format.

ORDINANCE X. RESEARCH DEGREES

1. The research degrees shall be:

Master of Laws (LL.M.)
Master of Philosophy (M.Phil.)
Doctor of Philosophy (Ph.D.)

THE DEGREE OF MASTER OF PHILOSOPHY

2. The degree of Master of Philosophy may be conferred on candidates who, having paid the appropriate fee and undertaken research on a subject and under supervision approved by the Senate Research Degrees Committee, present a thesis satisfactory to the Senate and, where the approved work for the degree includes a substantial element of advanced study, satisfy the examiners in the written examinations thereon, subject to the fulfilment of the conditions laid down in the following articles and in the regulations governing the award of the degree. (See pages 16–17.)

3. Applicants for acceptance as candidates for the degree of Master of Philosophy may be asked to register in the first instance as postgraduate research students* and may, with the approval of the Senate Research Degrees Committee, be accepted as candidates for the degree on the satisfactory completion of at least three months' study after which time the Committee may agree to backdate the period of study in an individual case to the date of initial registration as a postgraduate research student.

4. Admission of candidates in the Faculties of Arts, Education and Economic and Social Studies:

Graduates of an approved university or institution, or persons whose qualifications by study in an approved institution have been accepted by the Senate as equivalent to or in lieu of a degree, may be accepted as candidates for the degree of Master of Philosophy provided that, with the approval of the Senate,

(a) applicants who wish to proceed to the degree in a subject not studied as a substantial part of their first degree level work may be required, before acceptance as candidates, to reach a satisfactory standard in a preliminary examination on that subject, and

(b) applicants who have not reached the honours standard in a first degree examination may be required, not less than one year after the date of their acceptance, to pass a qualifying examination in a subject prescribed by the Senate Research Degrees Committee.

5. Admission of candidates in the Faculties of Science, Engineering and Medicine:

The following may be accepted as candidates for the degree of Master of Philosophy:

(a) graduates of an approved university, or

* For the purposes of Ordinance X the term 'postgraduate research students' excludes those candidates accepted and registered for any postgraduate degree or diploma governed by any other Ordinance.

(b) persons who have been awarded an approved diploma in applied science of this University in a subject regarded by the Senate as an appropriate preparation for the proposed research, or

(c) persons whose qualifications by study in an approved institution have been accepted by the Senate as equivalent to or in lieu of a degree.

6. In exceptional circumstances, persons who do not qualify under articles 4 and 5 may be accepted as candidates for the degree if they satisfy the Senate that their educational attainments and experience qualify them to undertake a course of advanced study and research prescribed for the degree of Master of Philosophy. Such candidates (a) must first normally reach a satisfactory standard in a special preliminary examination and (b) thereafter, may proceed to the final year of their prescribed period of study only if they have passed a general examination in the subject of their study.

7. Except as hereinafter provided, the period of study for the degree of Master of Philosophy shall be determined in each case by the Senate Research Degrees Committee but the period of full-time study shall normally be two calendar years from the date of initial registration for the degree and the period of part-time study shall normally be three calendar years from the date of initial registration for the degree.

8. In appropriate cases, the Senate shall be empowered to reduce the period of (a) two calendar years of full-time study or (b) three calendar years of part-time study for the degree of Master of Philosophy when the progress and quality of the candidate's research justify such a reduction, provided that a candidate shall not present himself for examination for the degree before the completion of one calendar year of full-time study or of two calendar years of part-time study.

9. In appropriate circumstances candidates for the degree who are full-time students may undertake a limited amount of research away from the University, either on approved field-work or in approved academic institutions or scientific and industrial establishments, whilst remaining under the direction of the University. Permission to spend up to a total of nine months studying outside the University during the period of study determined under article 7 will be at the discretion of the head of the department concerned; periods in excess of this must be approved by the Senate Research Degrees Committee.

10. In special circumstances, persons working in approved academic institutions or scientific or industrial establishments will be eligible for acceptance as full-time students under the relevant articles of this Ordinance provided that they are able to devote their whole time to research for the degree, and that they spend one calendar year or such periods as the Senate may prescribe in residence at the University.

11. All candidates accepted to study for the degree on a part-time basis shall have the frequency of their attendance for supervision and the facilities available for their research approved by the Senate.

12. Graduates of the University of Leeds may, with the approval of the head of the department concerned and the Senate Research Degrees Committee, present themselves for the examination for the degree of Master of Philosophy in an approved subject without being required to attend the University, or to study under the supervision of a member of staff, or to pay fees other than the examination fee. Such candidates are, however, required to consult fully with the appropriate head of department on their subject of research and programme of work and to keep their department informed of the progress of their studies.

13. A candidate for the degree of Doctor of Philosophy who has not been successful in his submission for that degree, may, with the approval of the Senate and on the recommendation of the head of the appropriate department, present his doctoral thesis, in revised form if necessary, for the degree of Master of Philosophy. Such candidates will not be required to pay fees other than an examination fee.

(See also the regulations on pages 16–17.)

THE DEGREE OF DOCTOR OF PHILOSOPHY

14. The degree of Doctor of Philosophy may be conferred on the following persons who, having paid the appropriate fee and undertaken research on a subject and under supervision approved by the Senate Research Degrees Committee, present a thesis satisfactory to the Senate and, where the approved work for the degree includes a substantial element of advanced study, satisfy the examiners in the written examination thereon, subject to the fulfilment of the conditions laid down in the following articles and in the regulations governing the award of the degree (see pages 17–18):

(a) registered graduates of an approved university, or

(b) holders of a recognized degree awarded as a result of study at an approved institution other than a university, or of any other qualification approved for this purpose by the Senate, provided that the course of study in the subject for which the qualification has been awarded has extended over not less than three years of full-time study and is acceptable to the Senate as being an adequate preparation for the research proposed, or

(c) in exceptional circumstances, holders of a diploma of the University of Leeds, provided that the Senate is satisfied regarding the course of study towards such a diploma and the standard attained by the candidate in the examination for the diploma.

15. Normally candidates wishing to proceed to the degree of Doctor of Philosophy under the provisions of article 14 will, in the first instance, either be required to apply for acceptance as provisional Ph.D. candidates or be asked to register as postgraduate research students*, and may, with the approval of the Senate Research Degrees Committee, be accepted as candidates for the degree of Doctor of Philosophy on their completion to the satisfaction of the head of the department concerned of a period of study not normally in excess of twelve months. The Senate may waive this requirement in the case of

(a) persons already holding a higher degree of an approved university or institution awarded on completion of a course of advanced study or research which provides evidence of aptitude for research at doctoral level, or

(b) persons whose academic qualifications reach the required standard and who have, in addition, industrial or other experience of special relevance to their proposed subject of research and who are recommended by the head of department concerned on these grounds.

16. A candidate applying for acceptance for the degree under the provisions of paragraphs (b) and (c) of article 14 above may be required to present to the Senate evidence of a satisfactory general education or, in the absence of such evidence, may be required to pass an examination to be prescribed in each case by the Senate before his acceptance.

* For the purposes of Ordinance X the term 'postgraduate research students' excludes those candidates accepted and registered for any postgraduate degree or diploma governed by any other Ordinance.

17. Except as hereinafter provided, all full-time candidates for the degree of Doctor of Philosophy are required to pursue approved full-time study and research in residence in the University under such supervision and direction as may be prescribed, for a period which shall be determined in each case by the Senate Research Degrees Committee but which shall normally be three calendar years from the date of initial registration for the degree.

18. In appropriate circumstances candidates for the degree who are full-time students may undertake a limited amount of research away from the University, either on approved field-work or in approved academic institutions or scientific and industrial establishments, whilst remaining under the direction of the University. Permission to spend up to a total of nine months studying outside the University during the period of study determined under article 17 will be at the discretion of the head of the department concerned: periods in excess of this must be approved by the Senate Research Degrees Committee.

19. In special circumstances, persons working in approved academic institutions or scientific or industrial establishments will be eligible for acceptance as full-time students under the relevant articles of this Ordinance provided that they are able to devote their whole time to research for the degree and that they spend one calendar year or such periods as the Senate may prescribe in residence at the University.

20. The Senate shall be empowered to reduce, in appropriate cases, the period of three calendar years of full-time study for the degree of Doctor of Philosophy when the progress and quality of the candidate's research justify such a reduction, provided that no candidate may have the degree conferred upon him before the completion of a total of two calendar years of full-time study.

21. Persons qualified under article 14 may be accepted for part-time study for the degree of Doctor of Philosophy provided that the Senate is satisfied with the frequency of their attendance for supervision and the facilities available for their research. The periods of study of such part-time candidates shall be determined in each case by the Senate Research Degrees Committee but shall normally be four calendar years. In appropriate cases the Senate shall be empowered to reduce this period when the progress and quality of the candidate's research justify such a reduction, provided that no candidate presents himself for examination for the degree before the completion of three calendar years of part-time study.

(See also the regulations on pages 17–18.)

Regulations for Research Degrees

THE DEGREE OF MASTER OF PHILOSOPHY

1. All candidates for the degree of Master of Philosophy, except those accepted under the provisions of article 12 of Ordinance X, must:

(a) register as students of the University and pay the prescribed fees for tuition

(b) undertake an approved course of advanced study and research, as prescribed by the Senate Research Degrees Committee, under the supervision of a member of staff of the department concerned

(c) give evidence of satisfactory progress by such means as may be prescribed by heads of departments.

2. Persons who are not graduates applying for acceptance for the degree under article 6 must present themselves for interview by the Senate Research Degrees Committee before taking the special preliminary examination; this may include questions outside the subject in which the candidate wishes to proceed.

3. Subject to the provisions of articles 9 and 10 of Ordinance X, a full-time candidate must devote his whole time during his course to his advanced study and research in the University but, in exceptional circumstances, the Senate Research Degrees Committee is prepared to allow the candidate to undertake a limited amount of other work which, in its judgement, would not interfere with his course of study.

4. Candidates accepted for part-time study in the Faculties of Science, Engineering and Medicine, in accordance with articles 7 and 11, shall normally be members of the full-time staff of a teaching, scientific or industrial establishment where the appropriate research facilities are available and shall undertake research both at their place of work and in the University under the supervision of a member of the staff of the University.

5. A graduate of the University accepted as a candidate for the degree of Master of Philosophy under the provisions of article 12 of Ordinance X shall apply to the Senate Research Degrees Committee for the approval of his subject of research at least two academic years before the date on which he proposes to submit his thesis and may not submit his thesis for examination later than the end of the fifth year after the Committee's approval is granted.

6. Except with the special permission of the Senate Research Degrees Committee, no candidate may submit his thesis for examination for the degree of Master of Philosophy later than the end of the third year after his entry upon the approved course of full-time study and research or later than the end of the fifth year after his entry upon the approved course of part-time study and research.

7. Candidates who have completed their required period of study for the degree, but who have not yet completed the requirements for the award of the degree, are required whilst their candidatures continue to:

(a) register as students of the University and

(b) pay fees either at the full-time or part-time rate as is deemed appropriate by the head of the department concerned.

Such candidates may be permitted, at the discretion of the head of department concerned, to pay the specially reduced continuation/writing up fee.

8. A candidate must not submit as his thesis one for which another degree or similar qualification has been awarded, or which is under consideration for such an award; but he will not be precluded from incorporating in his thesis any part of such work provided that he states his wish to do so at the time of his application for acceptance as a candidate and in the thesis itself indicates the part of the work so incorporated.

9. Not less than three months before the submission of his thesis, the candidate must make application to the Registrar to be examined. The candidate must submit two copies of a thesis containing a short abstract which should be bound at the front of the thesis. Theses must be bound in the standard form, particulars of which may be obtained from the Registrar. A copy of a thesis submitted for examination will be retained by the University on completion of the examination, and a copy of any thesis approved for the degree will be retained in the University library; a carbon copy will not be acceptable for this purpose.

10. To qualify for the award of the degree of Master of Philosophy, the candidate must:

(a) present a thesis on the subject of his advanced study and research and satisfy his examiners that it includes an independent contribution to knowledge and scholarship, contains material at a level suitable for publication and is of sufficient merit to qualify for the award of the degree of Master of Philosophy

(b) present himself for an oral examination and satisfy his examiners therein and in such other tests as his examiners may prescribe

(c) perform satisfactorily in any written examinations that may be prescribed in the scheme of examination.

11. The degree of Master of Philosophy may be awarded with distinction for work of exceptional merit.

THE DEGREE OF DOCTOR OF PHILOSOPHY

12. Before entering on the course of advanced study and research for the degree of Doctor of Philosophy, a candidate must submit to the Senate Research Degrees Committee for its approval his proposed course of advanced study and research and thereafter must:

(a) register as a student of the University and pay the prescribed fees for tuition

(b) undertake the approved course of advanced study and research under the supervision of a member of staff of the department concerned

(c) give evidence of satisfactory progress by such means as the head of department may prescribe.

13. Subject to the provisions of articles 18 and 19 of Ordinance X, a full-time candidate must devote his whole time during his course to his advanced study and research in the University but in exceptional circumstances the Senate Research Degrees Committee is prepared to allow the candidate to undertake a limited amount of other work which, in its judgement, would not interfere with his course of study.

14. Except with the special permission of the Senate Research Degrees Committee, no candidate may submit his thesis for examination for the degree of Doctor of Philosophy later than the end of the fourth year after his entry upon the approved course of full-time study and research or later than the end of the sixth year after his entry upon the approved course of part-time study and research.

15. Candidates who have completed their required period of study for the degree, but who have not yet completed the requirements for the award of the degree, are required whilst their candidatures continue to:

(a) register as students of the University and

(b) pay fees either at the full-time or part-time rate as is deemed appropriate by the head of the department concerned.

Such candidates may be permitted, at the discretion of head of department concerned, to pay the specially reduced continuation/writing up fee.

16. A candidate must not submit as his thesis one for which another degree or similar qualification has been awarded, or which is under consideration for such an award; but he will not be precluded from incorporating in his thesis any part of such work provided that he states his wish to do so at the time of his application for acceptance as a candidate and in the thesis itself indicates the part of the work so incorporated.

17. Not less than three months before the submission of his thesis, the candidate must make application to the Registrar to be examined. The candidate must submit two copies of a thesis containing a short abstract which should be bound at the front of the thesis. Theses must be bound in the standard form, particulars of which may be obtained from the Registrar. A copy of a thesis submitted for examination will be retained by the University on completion of the examination, and the copy of any thesis approved for the degree will be retained in the University library; a carbon copy will not be acceptable for this purpose.

18. To qualify for the award of the degree of Doctor of Philosophy the candidate must:

(a) present a thesis on the subject of his advanced study and research, and satisfy the examiners that it contains evidence of originality and independent critical ability and matter suitable for publication, and that it is of a sufficient merit to qualify for the degree of Doctor of Philosophy

(b) present himself for an oral examination and satisfy his examiners therein and in such other tests as his examiners may prescribe.

Regulations for Diplomas and Certificates

1. Candidates for diplomas and certificates must attend the required courses and fulfil the requirements as to assessment. Except as provided by the regulations prescribing the scheme of study for the Graduate Certificate in Education, candidates who fail to satisfy the examiners may be permitted to re-present themselves on one occasion only and within a period of twelve months. Candidates may be required by the Senate to repeat the course in whole or in part before re-assessment.

2. Courses are provided leading to the following diplomas and certificates:

Graduate Certificate in Education
Diploma in Adult and Continuing Education
Diploma in the Assessment of Educational Performance
Diploma in Computers in Education
Diploma in Education for a Multi-cultural Society
*Diploma in Information Technology and Education
Diploma in Physical Education
Diploma in Primary Education
*Diploma in School-Focussed Professional Development (Primary)
Diploma in Secondary Education
Diploma in Special Needs in Education (Total Communication)
Diploma in the Teaching of Mathematics (Middle Years of Schooling)
Diploma in the Teaching of Science (Middle Years of Schooling)
Diploma in the Education of Children with Special Needs (Learning Difficulties)
Diploma in the Education of Children with Special Needs (Emotional and Behavioural Difficulties)
Diploma in the Theory and Practice of English Teaching in Secondary Schools
University Extension Certificate
†Diploma in Educational Administration
†Diploma in Educational Studies
†Diploma in English Language Teaching.

3. The names of candidates who have satisfied the examiners shall be arranged in alphabetical order. Distinction may be awarded for work of exceptional merit.

(Certain of the diploma courses offered in the Faculty of Education will not necessarily commence in all forms of full-time and part-time study in every year. For details as to availability in a particular year see the material published annually by the School available from:

The Administrative Assistant
School of Education
University of Leeds
Hillary Place
Leeds LS2 9JT

or, in the case of the Diploma in Adult and Continuing Education, available from:

Professor Marriott
Department of Adult and Continuing Education
University of Leeds
Springfield Mount
Leeds LS2 9NG)

* Options for these courses are listed on page 33.

† For educationalists concerned with developing countries.

Regulations prescribing Schemes of Study for Diplomas and Certificates

Graduate Certificate in Education

Candidates for the university-based Graduate Certificate in Education must be graduates of a university in the United Kingdom or must have obtained such other academic qualifications as shall be approved by the Senate of the University. The attention of candidates is drawn to the requirement of the Department of Education and Science that in order to obtain qualified teacher status candidates must have passed the GCE O-level in both mathematics and English language or their approved equivalents prior to entry to the course.

Students wishing to become specialist teachers of modern languages should normally have completed an approved period of residence abroad before admission to the graduate certificate course.

The course for students reading for the Graduate Certificate in Education begins in mid-September and ends in early July.

The course for the Graduate Certificate in Education is both theoretical and practical. There are periods of teaching practice, together lasting for at least twelve weeks. An initial period of observation and teaching is undertaken at the beginning of the course.

SECONDARY For teaching pupils in the age range 11–18 years.

Courses are provided as follows:

1. Educational Studies for all students
2. Method courses

   Courses are provided on methods of teaching the various school subjects; students are required to take two of these method courses.

   (A special course in the coaching of games or a special course in Outdoor Activities may be taken as part of the Graduate Certificate course. Recruitment for these courses is limited to a small number of selected candidates. Further particulars may be obtained from the head of the Department of Physical Education.)

PRIMARY For teaching pupils within the age range 5–12 years.

Courses are provided as follows:

1. Courses followed by all students:

   (a) The primary school child
   (b) The primary school curriculum
   (c) Curriculum areas:
   language and literacy
   mathematics
   the arts
   environmental and scientific studies
   personal and social development/moral and religious education
   PE games and movement

2. Specialist Courses

A number of options are available in particular areas of the primary curriculum and particular aspects of primary teaching: students are required to take one option.

The examination for the Graduate Certificate in Education is in two parts: Part I — the examination of theoretical work; and Part II — the examination of practical teaching. The Graduate Certificate will be awarded only to candidates who have satisfied the examiners in both the theoretical and the practical parts of the examination.

Part I

SECONDARY

1. In Educational Studies

(a) an essay of 2,000–3,000 words
(b) a number of prescribed pieces of work related to specific parts of the course

2. In Method Courses

(a) at least one piece of prescribed work in the first method course
(b) at least one piece of prescribed work in the second method course

3. Linking Educational Studies and Method courses

a unit of work being 6,000 words in length or an equivalent piece of work

PRIMARY

In the following:

(a) the primary school child
(b) the primary school curriculum

candidates will be required to produce two essays of 2,000 to 3,000 words, or equivalent prescribed pieces of work, at least one from each area.

In addition, candidates will be required to submit for examination:

(1) A number of prescribed pieces of work concerned with the curriculum areas
(2) A long study of approximately 6,000 words or its equivalent. (Normally this study will be concerned with the specialist course.)

Part II

The final assessment for practical teaching is given on the work done throughout the period of supervised teaching practice.

The list of successful candidates will be published in alphebetical order. Distinctions may be awarded to candidates who reach a sufficiently high standard in either Part I or Part II. A candidate failing in Part I and/or in Part II may, on the recommendation of the examiners, be allowed to present himself for re-examination on not more than two subsequent occasions.

Candidates who are unsuccessful in the examination of the theoretical part of the course may present themselves for re-examination in September of the same year. Candidates who are unsuccessful in the examination of practical teaching may, on the recommendation of the examiners, present themselves for re-examination in December of the same year.

Graduate students who are successful in this examination will be awarded Qualified Teacher Status.

Diploma in Adult and Continuing Education

ENTRY REQUIREMENTS

1. Candidates must

(a) normally be graduates or qualified teachers; and
(b) have had at least three years' experience in the field of education.

DURATION

2. Two academic years of part-time study.

SCHEME OF STUDY

3. (a) Common areas of study, all of which are taught with special reference to adult and continuing education:
(i) Structure, policy and practice
(ii) Social backgrounds
(iii) Organization theory
(iv) Philosophy
(v) Psychology
(vi) Teaching and learning in education and training.

(b) Supporting studies:
Two shorter courses related to the candidate's interests.

(c) Individual study:
An approved project in the candidate's area of special academic or professional concern, pursued throughout the two years of the course.

ASSESSMENT

4. (a) Six pieces of prescribed work relating to the courses in 3(a) and 3(b).
(b) A long essay, special study or practical assignment with written discussion and documentation equivalent to an essay of not more than 15,000 words, candidates being required to submit this work no later than the third Wednesday in May of the final year.
(c) Candidates may be required to attend an oral examination.

Diploma in the Assessment of Educational Performance

ENTRY REQUIREMENTS

1. Candidates must be qualified teachers with normally not less than three years' teaching experience.

DURATION

2. One academic year of full-time study *or* two academic years of part-time study *or* four terms of part-time study and one term of full-time study.

SCHEME OF STUDY

3. (a) Part I
   (i) Education in its national context
   (ii) School and classroom
   (iii) Cognition and development
   (iv) The curriculum
   (v) Elementary statistics

   (b) Part II
   (i) The assessment of educational performance: methods and analysis
   (ii) The assessment of educational performance: context and application

   (c) Part III
   Three shorter courses related to the candidates' interests.

ASSESSMENT

4. (a) Four pieces of prescribed work covering Parts I and II
   (b) A long essay normally of not more than 12,000 words
   (c) Candidates may be required to attend an oral examination.

Diploma in Computers in Education

ENTRY REQUIREMENTS

1. Candidates must be graduates or qualified teachers and normally have had at least three years' experience in the field of education.

DURATION

2. One academic year of full-time study *or* two academic years of part-time study, each year to include one week of full-time study.

SCHEME OF STUDY

3. Candidates will follow courses in

   (a) Educational rôles of the computer
   (b) Computer systems and computer programming
   (c) Computer programming within educational contexts
   (d) Information processing and school administration
   (e) Electronics in secondary education
   (f) Teaching computer studies
   (g) Computer-assisted learning
   (h) Selected co-ordinating themes.

ASSESSMENT

4. (a) Four pieces of prescribed work covering courses taken in years 1 and 2

(b) A long essay, special study or practical assignment with written discussion and documentation equivalent to an essay of not more than 12,000 words

(c) Candidates may be required to attend for an oral examination.

Diploma in Education for a Multi-cultural Society

ENTRY REQUIREMENTS

1. Candidates must be qualified teachers with normally not less than three years' teaching experience in primary, middle or secondary schools.

DURATION

2. One academic year of full-time study.

SCHEME OF STUDY

3. (a) *Part I*
(i) Education in its national context
(ii) School and classroom
(iii) Cognition and development
(iv) The curriculum.

(b) *Part II*
(i) Ethnic and other factors in cultural diversity
(ii) Curriculum and syllabus changes for multi-cultural education.

and one course chosen from the following:

(iii) Curriculum theory and planning
(iv) Home background and the school
(v) Language and communication in the classroom
(vi) School organization and management

(c) *Part III*
Four shorter courses, which will include:
The practice of multi-cultural education.

ASSESSMENT

4. (a) Five pieces of prescribed work covering Parts I and II

(b) A long essay, normally of not more than 12,000 words, or an equivalent piece of work

(c) Candidates may be required to attend an oral examination.

Diploma in Information Technology and Education

ENTRY REQUIREMENTS

1. Candidates must be qualified teachers with normally not less than three years' teaching experience.

DURATION

2. One academic year of full-time study *or* an equivalent period of part-time study (normally for two years) *or* an equivalent period of part-time and full-time study.
In all cases candidates must normally present for final assessment not later than the end of the third academic year following entry to the Diploma.

SCHEME OF STUDY

3. *Six* required courses
Information Technology: context and implications;
Hardware and software systems;
Computer-based Learning: theory and practice;
Problem-solving through structured programming I;
Problem-solving through structured programming II;
Educational software construction.

and *two* optional courses from:
Artificial intelligence and education;
Software tools for the classroom;
Micro-technology I;
Micro-technology II.
Any of the optional courses listed on page 33.

ASSESSMENT

4. (a) Prescribed work based on the required and optional courses, amounting to 8–10,000 words or an equivalent;
(b) A project or special study, normally of about 12,000 words, or an equivalent piece of work;
(c) Candidates may be required to attend an oral examination.

Diploma in Physical Education

ENTRY REQUIREMENTS

1. Candidates must normally be qualified teachers with three years' teaching experience and previous training in physical education at a specialist level. If alternative qualifications are offered they must show special interest and ability in physical education and evidence of continued study at an adequate level.

DURATION

2. One academic year of full-time study.

SCHEME OF STUDY

3. (a) Professional studies:
   (i) Administration of physical education, physical recreation and sport
   (ii) Curriculum studies

   (b) Basic studies:
   (i) Biomechanics/physiology
   (ii) Philosophy
   (iii) Psychology
   (iv) Sociology
   (v) Statistics

   (c) *One* of the following courses:
   (i) Acquisition of skill
   (ii) Administration and management of recreational facilities
   (iii) Aesthetics and human movement
   (iv) Biomechanics
   (v) Curricular studies
   (vi) Sociology of sport and recreation

(Not all of the courses listed in 3(c) will necessarily be available every year and other courses may be available in particular years.)

   (d) Candidates will be required to participate in visits to schools and sports centres in connection with the courses in 3(b).

ASSESSMENT

4. (a) One essay or equivalent piece of work in respect of each of the Professional Studies and Basic Studies courses in 3(a) and (b).

   (b) A long essay or equivalent piece of work, which may form a contribution to a group study in respect of the course selected under 3(c).

   (c) Candidates may be required to attend an oral examination.

Diploma in Primary Education

ENTRY REQUIREMENTS

1. Candidates must be qualified teachers with normally not less than three years' teaching experience.

DURATION

2. One academic year of full-time study or two academic years of part-time study or four terms of part-time study and one term of full-time study.

SCHEME OF STUDY

3. (a) Children's development and learning 3–13, including children with special needs
Methods of studying children and classrooms
Language and learning
The socio-cultural context of primary education
Curriculum content, planning and evaluation
Administration and management in primary education

(b) Specific aspects of curriculum and organization having reference to *one* of the following age-ranges: 3 to 7; 5 to 9; 7 to 11; 8 to 13 years

(c) Visits to schools and other institutions in connection with (a) and (b).

ASSESSMENT

4. (a) Four pieces of prescribed work relating to courses 3(a) and (b).

(b) A long essay or special study combining theoretical analysis with a school-based investigation or programme, normally of not more than 12,000 words

(c) Candidates may be required to attend an oral examination.

Diploma in School-Focussed Professional Development (Primary)

ENTRY REQUIREMENTS

1. Candidates must be qualified teachers with normally not less than three years' teaching experience.

DURATION

2. One academic year of full-time study *or* an equivalent period of part-time study (normally for two years) *or* an equivalent period of part-time and full-time study.
In all cases candidates must normally present for final assessment not later than the end of the third academic year following entry to the Diploma.

SCHEME OF STUDY

3. *Four* required courses

Teacher as researcher: self evaluation and improving practice
School based curriculum development
Management of responsibility, expertise and change in the school
Methods of educational enquiry

and *four* optional courses to be chosen from those available from the list on page 33.

ASSESSMENT

4. (a) Prescribed work based on the required and optional courses, amounting to 8–10,000 words or an equivalent;
   (b) A project or special study, normally of about 12,000 words, or an equivalent piece of work;
   (c) Candidates may be required to attend an oral examination.

Diploma in Secondary Education

ENTRY REQUIREMENTS

1. Candidates must be qualified teachers with normally not less than three years' teaching experience.

DURATION

2. One academic year of full-time study or two academic years of part-time study or four terms of part-time study and one term of full-time study.

SCHEME OF STUDY

3. The course will consist of three parts:

   (a) Part I:
      (i) Education in its national context
      (ii) School and classroom
      (iii) Cognition and development
      (iv) The curriculum

   (b) Part II: *two* of the following courses:
      (i) Curriculum theory and planning
      (ii) Home background and the school
      (iii) Language and communication in the classroom
      (iv) School organization and management

   (c) Part III: three shorter courses related to candidates' interests.

ASSESSMENT

4. (a) Four pieces of prescribed work covering Parts I and II
   (b) A long essay normally of not more than 12,000 words
   (c) Candidates may be required to attend an oral examination.

Diploma in Special Needs in Education (Total Communication)

ENTRY REQUIREMENTS

1. Candidates must be qualified teachers with normally not less than three years' teaching experience.

DURATION

2. One academic year of full-time study *or* two academic years of part-time study *or* four terms of part-time study and one term of full-time study.

   (The part-time options above may not be available in the first year of running the course.)

SCHEME OF STUDY

3. (a) Part I:

   (i) Education in its national context
   (ii) School and classroom
   (iii) Cognition and development
   (iv) The curriculum

   (b) Part II: a course in the nature and remedying of communication difficulties with particular reference to the hearing impaired and a course in one of the following:

   (i) Curriculum theory and planning
   (ii) Home background and the school
   (iii) Language and communication in the classroom
   (iv) School organisation and management
   (v) Special educational needs.

   (c) Part III: *three* shorter courses relating to the candidates' interests.

ASSESSMENT

4. (a) Four pieces of prescribed work covering Parts I and II
   (b) A long essay normally of not more than 12,000 words.
   (c) A level of signing skills equivalent to Level II of the CACDP assessment.
   (d) Candidates may be required to attend an oral examination.

Diploma in the Teaching of Mathematics (Middle Years of Schooling)

ENTRY REQUIREMENTS

1. Candidates must be qualified teachers with normally not less than three years' teaching experience.

DURATION

2. One academic year of full-time study *or* two academic years of part-time study *or* four terms of part-time and one term of full-time study.

SCHEME OF STUDY

3. (a) Part I:
   (i) Education in its national context
   (ii) School and classroom
   (iii) Cognition and development
   (iv) The curriculum

   (b) Part II:
   (i) Concepts and processes in mathematics
   (ii) Psychology of learning with particular reference to the learning of mathematics
   (iii) Current developments in the presentation of mathematics in the classroom

   (c) Part III: *three* shorter courses related to candidates' interests.

ASSESSMENT

4. (a) Four pieces of prescribed work covering Parts I and II
   (b) A long essay normally of not more than 12,000 words
   (c) Candidates may be required to attend an oral examination.

Diploma in the Teaching of Science (Middle Years of Schooling)

ENTRY REQUIREMENTS

1. Candidates must be qualified teachers with normally not less than three years' teaching experience.

DURATION

2. Two academic years of part-time study *or* four terms of part-time study and one term of full-time study.

SCHEME OF STUDY

3. (a) Part I:
   (i) Education in its national context
   (ii) School and classroom
   (iii) Cognition and development
   (iv) The curriculum

   (b) Part II:
   (i) Concepts and processes in science
   (ii) Psychology of learning, with particular reference to the learning of science
   (iii) Current developments in the presentation of science in the classroom

   (c) Part III: *three* shorter courses related to candidates' interests.

ASSESSMENT

4. (a) Four pieces of prescribed work covering Parts I and II
   (b) A long essay normally of not more than 12,000 words
   (c) Candidates may be required to attend an oral examination.

Diploma in the Education of Children with Special Needs (Learning Difficulties)

ENTRY REQUIREMENTS

1. Candidates must be qualified teachers with normally not less than three years' teaching experience.

DURATION

2. One academic year of full-time study or two academic years of part-time study or four terms of part-time and one term of full-time study.

SCHEME OF STUDY

3. (a) Part I:
   (i) Education in its national context
   (ii) School and classroom
   (iii) Cognition and development
   (iv) The curriculum

   (b) Part II: a course in the nature and remedying of learning difficulties and a course in one of the following:
   (i) Curriculum theory and planning
   (ii) Home background and the school
   (iii) Language and communication in the classroom
   (iv) School organization and management

Other courses may be available from time to time.

   (c) Part III: *three* shorter courses which will normally include:
   (i) Evaluation in the classroom
   (ii) Changing patterns of mathematical education.

ASSESSMENT

4. (a) Four pieces of prescribed work covering Parts I and II
   (b) A long essay, normally of not more than 12,000 words
   (c) Candidates may be required to attend an oral examination.

Diploma in the Education of Children with Special Needs (Emotional and Behavioural Difficulties)

ENTRY REQUIREMENTS

1. Candidates must be qualified teachers with normally not less than three years' teaching experience.

DURATION

2. One academic year of full-time study, together with an additional four weeks of full-time study, normally two weeks before the beginning of the first term and the two weeks after the end of the third term.

or two academic years of part-time study

or four terms of part-time and one term of full-time study.

SCHEME OF STUDY

3. (a) Part I:
   (i) Education in its national context
   (ii) School and classroom
   (iii) Cognition and development
   (iv) The curriculum

   (b) Part II: a course in the nature and remedying of emotional and behavioural difficulties and a course in one of the following:
   (i) Curriculum theory and planning
   (ii) Home background and the school
   (iii) Language and communication in the classroom
   (iv) School organization and management

Other courses may be available from time to time.

   (c) Part III: three shorter courses related to candidates' interests.

ASSESSMENT

4. (a) Four pieces of prescribed work covering Parts I and II

   (b) A long essay, normally of not more than 12,000 words

   (c) Candidates may be required to attend an oral examination.

Diploma in the Theory and Practice of English Teaching in Secondary Schools

ENTRY REQUIREMENTS

1. Candidates must be qualified teachers in secondary, tertiary, or further education, normally with not less than three years' teaching experience, and a commitment to specialist English teaching.

DURATION

2. Two academic years' part-time study, consisting of weekly taught sessions with two or three days' day release per term for workshop sessions, school visits (especially in the first year), work on Long Studies (especially in the second year), and tutorial consultations.

SCHEME OF STUDY

3. (a) (i) Practical studies from new theoretical and psycholinguistic perspectives of the contribution of language to learning through talk, reading and writing in the classroom;
   (ii) studies and evaluations of English teachers' language, assumptions and teaching strategies with special reference to such curriculum innovations as oral testing.

(b) (i) Analyses of English teachers' teaching materials, including testing and examining instruments, course books, and literature;
(ii) consideration of responsibilities within an English Department and ways of organising the development both of the work of the department overall and of the professional competences and satisfactions of individual members of the department, and of non-specialist teachers in English.

(c) (i) Theoretical and case studies of the place of English departments within the school, including considerations of the changing ideologies of English and its intersections with other specialist subjects and of both the distinctive contribution of the subject and its function as a service to the curriculum;
(ii) investigations of the contributions to, and expectations of, English, from primary education, post 16-providers, and the community in a multi-media and culturally plural society.

ASSESSMENT

4. (a) A long study of about 12,000 words or its equivalent.
(b) Six termly essays of about 2000 words each or equivalent pieces of work.

Optional Courses*

These optional courses are available for the following schemes:

Diploma in Information Technology and Education; Diploma in School-Focussed Professional Development (Primary).

(a) Contemporary ideas in education
(b) Curriculum in its social context
(c) Curriculum innovation and planning
(d) Inequality and education
(e) International perspectives on contemporary issues in education
(f) Language and literacy in the primary years
(g) Mathematics in the primary years
(h) Research methods in education
(i) Schools, teachers and society
(j) Special educational needs for the non-specialist teacher
(k) Specialist teaching methods in special education
(l) Teaching children with severe learning difficulties
(m) The pupil as learner and the process of learning

Additionally the School intends to offer certain courses which are required for students reading a particular Diploma as optional for students on other Diplomas and shall issue a list of these to students.

* The listing of a course here does not indicate that it will necessarily be available in any particular year or to any particular student. The School reserves the right to limit the options available from the list below in the light of availability of staff and the number of students involved; and to add to the list.

University Extension Certificate

ENTRY REQUIREMENTS

1. There are no formal entry requirements for the University Extension Certificate. A student attending a course designated as a certificate course may, with the approval of the Head of the Department of Adult and Continuing Education, enrol as a candidate for the University Extension Certificate. Enrolment will normally take place in the final term of the course.

DURATION AND ATTENDANCE

2. Classes leading to the award of the University Extension Certificate shall normally extend over two or three sessions of part-time study.

3. To be eligible for award of a certificate students must:
   (a) pass satisfactorily any examinations or assessments
   (b) have been a member of an extension class meeting for at least 120 hours during two or three academic years
   (c) have attended not less than 75 per cent of the meetings in each session.

SCHEME OF STUDY AND LEVEL OF COURSES

4. The courses are open to anyone who wishes to enrol. All students will follow the same course whether or not they intend to enrol for the University Extension Certificate. It is expected that courses, in their presentation and development, will draw upon the knowledge and experience of students. They will initially be set at a level appropriate to the previous attainment of the students commencing the course but before the end of the course students will be expected to have attained a level of performance in the subject equivalent to that expected of a university undergraduate.

5. Courses currently available are*:

   (a) Archaeology
   (b) Criminology
   (c) Economic and Social Studies
   (d) Humanities
   (e) Industrial Studies
   (f) Psychology
   (g) The Study of Local History

ASSESSMENT

6. For the award of a University Extension Certificate students shall be required satisfactorily to have completed

   (a) work undertaken during the class;
   (b) such work as may be required from time to time by the course tutor(s)

and to have achieved a satisfactory standard in any final examination or other assessed components as may be from time to time prescribed.

7. The University Extension Certificate shall be endorsed for the subject of the course.

* Not all courses will be available in any one year and other courses may be added from time to time.

8. Candidates whose course work does not reach a satisfactory standard may, at the discretion of the examiners, resubmit themselves for examination on one occasion only.

Courses offered by the Overseas Education Unit

Diploma in Educational Administration

ENTRY REQUIREMENTS

1. Candidates must normally

   (a) have a teaching qualification recognized by their Ministry or Department of Education

   and

   (b) have not less than five years' experience and currently hold a position of responsibility in a teaching institution or in educational administration.

DURATION

2. One academic year of full-time study.

SCHEME OF STUDY

3. (a) Common areas of study:
   (i) Administration and inspection of education
   (ii) Comparative education
   (iii) Educational development
   (iv) Management and decision-making in education
   (v) Special education

   (b) Major options — *one* of the following:
   (i) Educational planning
   (ii) Primary education
   (iii) Secondary education
   (iv) Teacher education
   (v) Administration of higher education

   (c) Supporting studies — normally *three* or *four* of the following:
   (i) Curriculum development
   (ii) Environmental studies
   (iii) Organization of in-service training
   (iv) Principles and practice of teaching overseas
   (v) Psychology of education
   (vi) Rural education
   (vii) School examinations
   (viii) Sociology of education
   (ix) General statistics
   (x) Statistics for planning

   (d) All candidates will be required to participate in visits and/or attachments to educational institutions and offices.

ASSESSMENT

4. (a) Short essays or exercises up to a maximum of eight covering the scheme of study in 3(a) and (b), two such essays normally being required as part of the major option

   (b) A long essay, normally of not more than 12,000 words, or comparable piece of work, on a topic related to the major option

   (c) Candidates may be required to attend an oral examination.

Diploma in Educational Studies

ENTRY REQUIREMENTS

1. Candidates must normally

   (a) have a teaching qualification recognized by their Ministry or Department of Education

   and

   (b) have not less than five years' teaching experience (or in the case of graduates, three years).

DURATION

2. One academic year of full-time study.

SCHEME OF STUDY

3. (a) Special subject — *one* of the following:
   (i) Curriculum development and curricular studies
   (ii) Environmental and social studies in schools
   (iii) Mathematics and the teaching of mathematics
   (iv) Primary education: organization, principles and practice
   (v) Science education: methodology and practice in a selected subject.

   (b) Resources for learning

   (c) *One* of the following:
   (i) Comparative education
   (ii) Psychology of education
   (iii) Sociology of education

   (d) Supporting studies — normally three or four of the following:
   (i) Curriculum development
   (ii) Educational planning
   (iii) Environmental studies
   (iv) Mathematics for primary educators
   (v) Organization of in-service training
   (vi) Organization of primary education
   (vii) Principles and practice of teaching English overseas
   (viii) Rural education
   (ix) Organization of secondary education

(x) Social studies in schools
(xi) Statistics
(xii) Teacher education
(xiii) Urban education

(e) All candidates will be required to participate in visits and/or attachments to educational institutions.

ASSESSMENT

4. (a) Short essays or exercises up to a maximum of ten covering the scheme of study in 3(a) (b)and (c)

(b) A long essay, normally of not more than 12,000 words, on a topic related to 3(a)

(c) Candidates may be required to attend an oral examination.

Diploma in English Language Teaching

ENTRY REQUIREMENTS

1. Candidates must normally

(a) have a teaching qualification recognised by their Ministry or Department of Education
and
(b) have not less than five years' teaching experience (or, in the case of graduates, three years')

DURATION

2. One academic year of full-time study.

SCHEME OF STUDY

3. (a) Common courses:
(i) Applied linguistics
(ii) Phonology
(iii) Principles and practice of English language teaching

(b) Individual studies:
(i) The technique of textbook analysis and evaluation
(ii) *Either* a topic relevant to language teaching which relates to the candidate's own special area of interest
or the selection, compilation and writing of language teaching materials

(c) Supporting studies — normally *one* of the following:
Advanced language studies
Distance education
Language–teaching aids
Language–teaching materials on tape
Organisation of in-service training
(Not all of these courses will be available in any given year)

(d) All candidates will be required to participate in visits to educational institutions.

ASSESSMENT

4. (a) Short essays (or equivalent exercises) up to a maximum of ten covering the scheme of study in 3(a)

(b) Textbook evaluation (normally not more than 5,000 words) (*see* 3(b)(i))

(c) *Either* (i) Long essay (normally not more than 8,000 words) (*see* 3(b)(ii))
or (ii) Materials file (equivalent to (c)(i) in length) (*see* 3(b)(ii))

(d) Candidates may be required to attend an oral examination.

Regulations prescribing Schemes of Study for the Degrees of Master of Arts and Master of Science

MASTER OF ARTS

Education and Local History

The scheme of advanced full-time study leading to the degree of Master of Arts by examination in Education and Local History will normally extend over one calendar year, starting in October.

Applicants will normally be expected to have a good honours degree and a graduate certificate in education of an approved university.

Students will follow courses in:

1. History of Yorkshire;
2. The Sources of English Local History and their Uses;
3. Education in Society from 1780.

The scheme of examination will be as follows:

A written paper in courses 1 and 3 (examiners may also include an assessment of course work). In the case of course 2 the assessment of course work will take the place of a written paper.

A research exercise or extended essay on a topic to be chosen in consultation with the Chairman of the School of Education and the Chairman of the School of History.

An oral examination (if required by the examiners).

English Literature and Education

The scheme of advanced full-time study leading to the degree of Master of Arts by examination will normally extend for one academic year starting in October. Applicants will normally be expected to have a good honours degree in English and a graduate certificate in education from an approved institution or to provide other evidence of a similar level of knowledge.

Candidates will be required to take:

1. One course, chosen with the approval of the Chairman of the School of Education, from courses offered in Education;
2. Two courses, chosen with the approval of the Chairman of the School of English, from MA courses offered in English, Commonwealth or American Literature.

The scheme of examination will be as follows:

1. *in Education:* course assessment according to the current arrangements approved for the selected course under the MEd scheme of study
2. *in English Literature:* two written papers covering the year's work. Coursework is required and may be taken into account in assessing the examination

3. A research exercise (12,000–15,000 words) on some approved topic in the field of English Literature or Education, or on an approved topic involving both subjects (normally to be submitted not later than 15 May)
4. An oral examination (if required by the examiners).

Physical Education

The scheme of advanced study leading to the degree of Master of Arts by examination in Physical Education will extend full-time over one academic year starting in October or one calendar year starting in September, or two calendar years of part-time study. Part-time students will be required to attend classes on two evenings a week during University terms. In addition they will be required, from time to time, to participate in projects and activities related to the course of study. Such activities will normally require a total of ten days over the two-year period of part-time study.

Applicants will normally be expected to be qualified teachers having either a first- or second-class honours degree in which physical education has been a principal subject, or a first-or second-class honours degree together with approved teaching qualifications in physical education.

All candidates will take the course 'Theory of physical education' and three other courses from the following list:

1. Measurement in physical education
2. Comparative physical education
3. Administration of sport and physical recreation
4. Biomechanical study of skilled behaviour
5. Psychological study of skilled behaviour
6. Motor impairment
7. Movement in dramatic art
8. Aesthetic evaluation of human movement
9. A special course chosen in consultation with the head of the Department.

Not all these courses will necessarily be available in each year. Students accepted for the degree will be required to take courses which ensure that the work for the higher degree is appropriately related to their previous studies.

There will be a written examination on each course. Examiners may also take into consideration an assessment of course work. Students taking a special course may be assessed, in lieu of a written examination, by a dissertation* of 6,000 to 10,000 words on a subject selected with the approval of the head of the Department of Physical Education. At the discretion of the examiners, there may also be an oral examination.

Candidates proceeding on a part-time basis will be examined in two courses during the first calendar year and in the remaining two courses during the second year. Part-time candidates will normally be required to pass both courses in their first year of study before proceeding to the second year.

*The dissertation should be submitted by not later than the first day of the written examination period at the end of the candidate's period of study.

MASTER OF SCIENCE

Mathematical Education and Mathematics

This part-time scheme is given by the School of Mathematics and the School of Education: applications for admission should be directed to Mr G T Wain, Centre for Studies in Science and Mathematics Education. The scheme will extend over two academic years with full use of the long vacation between those years. It will commence in alternative years in the first instance. Lectures will be given in two sessions, one of 2 hours and one of 2½ hours per week.

Candidates accepted under the provisions of article 15 of the Ordinance will normally hold an honours degree in mathematics or a related field in addition to a graduate certificate qualification in education and a minimum of three years' teaching experience and will proceed by:

(a) attending courses of advanced studies in the first year in aspects of both pure mathematics and applied mathematics — approximately 72 hours

(b) attending a course of advanced study in mathematical education in the first year and the first term of the second year — approximately 80 hours

(c) attending in the second year a course in either pure mathematics or applied mathematics or applied mathematics or statistics — approximately 36 hours

(d) in the second year preparing a short dissertation on an approved topic in pure mathematics or applied mathematics or statistics

(e) preparing a short dissertation on an approved topic in mathematical education in the second year.

The examination will normally consist of written papers, an assessment of course work and of the dissertations and, if the examiners require it, an oral examination.

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ORDINANCE IV

DEGREES IN LAW

1. The degrees in Law shall be:
Bachelor of Laws (LL.B.)
Bachelor of Arts (Law and Management Studies) (B.A.(Law and Management Studies))*
Master of Arts (by research — Legal Studies) (M.A. (by research — Legal Studies))
Master of Laws (LL.M.)
Doctor of Philosophy (Ph.D.)
Doctor of Laws (LL.D.)

THE DEGREE OF BACHELOR OF LAWS

2. The degree of Bachelor of Laws may be conferred, on payment of the proper fee, upon candidates who have fulfilled the requirements of this Ordinance and the relevant regulations as to study and examinations; the degree may be awarded with honours to those candidates who attain a sufficiently high standard in the examinations.

3. All candidates for the degree of Bachelor of Laws shall be required to satisfy the requirements for entry upon a degree course as prescribed from time to time by the Joint Matriculation Board, except such as may have been exempted therefrom, and thereafter to have pursued an approved course of study for not less than three academic years; provided that graduates of the University other than graduates in law, or, subject to the approval of the Senate, graduates of other approved universities shall be required to have pursued an approved course of study for not less than two academic years.

4. (a) Every candidate for the degree of Bachelor of Laws shall normally be required to present himself for the first part of the final examination at the end of the second academic year and for the second part of the final examination at the end of the third academic year from the time of his entry upon the approved course of study.

(b) Except by special permission of the Senate, every candidate for the degree of Bachelor of Laws shall be required to present himself for the first part of the final examination not later than the end of the third academic year from the time of his entry upon the approved course of study.

(c) No candidate shall be allowed to proceed to the second part of the final examination unless he has previously satisfied the examiners in the first part.

(d) Except by special permission of the Senate, every candidate for the degree of Bachelor of Laws shall be required to present himself for the second part of the final examination not later than the end of the fifth academic year from the time of his entry upon the approved course of study.

(e) A candidate who fails in either part of the final examination may be allowed to present himself for re-examination on *one* more occasion, but *not* on any further

* Deferred *sine die*.

occasion without special permission of the Senate. A candidate who presents himself for re-examination shall *not* normally be eligible for the award of the degree with honours.

5. A candidate admitted for a two-year scheme of study under article 3 of the Ordinance:

(a) shall normally be required to present himself for the scheme's first-year examinations at the end of the first academic year, and for the scheme's second-year examinations at the end of the second academic year from the time of his entry upon the approved course of study

(b) shall not, except by special permission of the Senate, be allowed to present himself for the scheme's second-year examinations later than the end of the third academic year from the time of his entry upon the approved course of study

(c) may, upon failing either the first- or second-year examination, be allowed to present himself for re-examination on *one* more occasion, but *not* on any further occasion without special permission of the Senate. A candidate who presents himself for re-examination shall *not* normally be eligible for the degree with honours.

6. Candidates who have passed both parts of the examination for the degree of Bachelor of Laws may be awarded:
(a) the degree of Bachelor of Laws with first-class honours
(b) the degree of Bachelor of Laws with second-class honours, division (i)
(c) the degree of Bachelor of Laws with second-class honours, division (ii)
(d) the degree of Bachelor of Laws with third-class honours
(e) the ordinary degree of Bachelor of Laws.

THE DEGREE OF BACHELOR OF ARTS (LAW AND MANAGEMENT STUDIES)

(Deferred *sine die*.) For articles 7–10 and the regulations governing this degree, see Calendar 1979–80, pages F2, F3, F8 and F9.

THE DEGREE OF MASTER OF LAWS

11. The degree of Master of Laws may be conferred on candidates who, having paid the appropriate fee and undertaken research on a subject and under supervision approved by the Senate Research Degrees Committee, present a thesis satisfactory to the Senate and, where the approved work for the degree includes a substantial element of advanced study, satisfy the examiners in the written examinations thereon, subject to the fulfilment of the conditions laid down in the following articles and in the regulations governing the award of the degree (see pages 11–12).

12. Applicants for acceptance as candidates for the degree of Master of Laws may be asked to register in the first instance as postgraduate research students* and may, with the approval of the Senate Research Degrees Committee, be accepted as candidates for the degree on the satisfactory completion of at least three months' study after which time the committee may agree to backdate the period of study in an individual case to the date of initial registration as a postgraduate research student.

* For the purposes of Article 12 of Ordinance IV the term 'postgraduate research students' excludes those candidates accepted and registered for any postgraduate degree or diploma governed by any other Ordinance and for the degree of M.A. (by research — Legal Studies).

13. Graduates of an approved university, who have obtained first-class or second-class honours, or holders of qualifications regarded by the Senate as an appropriate preparation for the proposed research, may be accepted as candidates for the degree of Master of Laws; provided that:

(a) the Senate, on the recommendation of the head of the Department, may require any candidate, before acceptance, to reach a satisfactory standard in a preliminary examination in the field of his proposed research

(b) the Senate, on the recommendation of the head of the Department, may require any candidate to pass a qualifying examination in a prescribed subject not less than one year after the date of acceptance.

14. Except as hereinafter provided, the period of study for the degree of Master of Laws shall be determined in each case by the Senate Research Degrees Committee but the period of full-time study shall normally be two calendar years from the date of initial registration for the degree and the period of part-time study shall normally be three calendar years from the date of initial registration for the degree.

15. In appropriate cases, the Senate shall be empowered to reduce the period of (a) two calendar years of full-time study or (b) three calendar years of part-time study for the degree of Master of Laws when the progress and quality of the candidate's research justify such a reduction, provided that a candidate shall not present himself for examination for the degree before the completion of one calendar year of full-time study or of two calendar years of part-time study.

16. In appropriate circumstances candidates for the degree who are full-time students may undertake a limited amount of research away from the University either on approved fieldwork or in approved academic institutions or scientific and industrial establishments whilst remaining under the direction of the University. Permission to spend up to a total of nine months studying outside the University during the period of study determined under article 14 will be at the discretion of the head of the department concerned; periods in excess of this must be approved by the Senate Research Degrees Committee.

17. In special circumstances, persons working in approved academic institutions or scientific, industrial or other establishments will be eligible for acceptance as full-time students under the relevant articles of this Ordinance provided that they are able to devote their whole time to research for the degree, and that they spend one calendar year or such periods as the Senate may prescribe in residence at the University.

18. All candidates accepted to study for the degree on a part-time basis shall have the frequency of their attendance for supervision and the facilities available for their research approved by the Senate.

19. A candidate for the degree of Doctor of Philosophy who has not been successful in his submission for that degree, may, with the approval of the Senate and on the recommendation of the head of the Department, present his doctoral thesis, in revised form if necessary, for the degree of Master of Laws. Such candidates will not be required to pay fees other than an examination fee (see also the regulations on pages 11–12).

THE DEGREE OF DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is governed by Ordinance X, articles 14 to 21, and relevant regulations which are set out on pages 15–16 and 17–18.

THE DEGREE OF DOCTOR OF LAWS

20. The degree of Doctor of Laws shall be conferred by the University upon:

(a) graduates of the University of not less than six years' standing

(b) members of the academic staff of the University who have served for a continuous period of not less than five years and who are graduates of other universities of not less than six years' standing

who shall be deemed by the Senate, after considering a report from one or more of the Boards of Faculties, to have distinguished themselves by their original contributions to scholarship; provided that the Senate may in such cases as it shall think fit, after considering a report from one or more of the Boards of Faculties, also require candidates to pass such an examination as it may from time to time determine.

21. If the applicant is approved by the Senate, the degree may be conferred at the first convenient date thereafter.

ORDINANCE II (Extract)

THE DEGREE OF MASTER OF ARTS OR MASTER OF ARTS (COLLEGIATE)

11. The degree of Master of Arts may be conferred, on payment of the proper fee,
(a) upon graduates of the University of Leeds or of any other approved university or institution, or
(b) in approved cases upon persons who are not graduates
who have
either (i) satisfactorily completed an approved full-time or part-time scheme of advanced study in the University and passed the prescribed examination;
or (ii) undertaken research in the University on a subject and under supervision approved by the Board of the Faculties and presented a thesis satisfactory to the Senate,
subject to the fulfilment of the conditions laid down in the following articles and the regulations governing the award of the degree, and provided that all such persons have qualifications which are acceptable to the Senate as an appropriate preparation for the particular advanced study scheme or research envisaged.

12. The degree of Master of Arts (Collegiate) may be conferred, on payment of the proper fee,
(a) upon graduates of the University of Leeds or of any other approved university or institution, or
(b) in approved cases upon persons who are not graduates
who have satisfactorily completed an approved full-time or part-time scheme of advanced study in a college or institution affiliated to the University under the provisions of Article 8(a) of Ordinance I, and passed the prescribed examination, subject to the fulfilment of the conditions laid down in the following articles and the regulations governing the award of the degree, and provided that all such persons have qualifications which are acceptable to the Senate as an appropriate preparation for the particular advanced study scheme envisaged.

13. Schemes of advanced study leading to the degree of Master of Arts or Master of Arts (Collegiate) may vary in length from subject to subject but in no case shall the period of full-time study be less than one academic year, or of part-time study be less than two academic years. Candidates for the degree of Master of Arts by supervised research will be required to undertake their research over *either* one calendar year of full-time study *or* two calendar years of part-time study, under arrangements for their attendance at the University which have been approved in each case by the Board of the Faculties.

14. Candidates who have graduated with first- or second-class honours, or who hold qualifications which are deemed by the Senate to be equivalent to first- or second-class honours degrees, or who have gained a postgraduate diploma at a sufficiently high standard in a subject regarded as an adequate preparation, will be eligible to proceed to the degree after the minimum period of study or period of research prescribed in article 13 above.

15. Persons who are unable to satisfy the requirements of article 14 above but who have qualifications and experience of special relevance to the scheme of advanced study envisaged may be accepted as candidates for the degree by advanced study on the recommendation of the Board of the Faculties and will normally be required to undertake

an approved scheme of advanced study for such period in excess of the prescribed minimum as may be determined in each case.

16. In exceptional circumstances, persons who do not qualify under article 14 above may be accepted as candidates for the degree by supervised research if they satisfy the Senate that their educational attainments and experience qualify them to undertake an approved course of supervised research at the appropriate level. Such candidates must normally reach a satisfactory standard in a special preliminary examination.

Regulations

Candidates should note that in order to qualify for admission to a scheme of study for a first degree in the University, they must satisfy both a *General Requirement* and a *Course Requirement*. For information regarding the *General Requirement* for purposes of matriculation, candidates should write to The Secretary, Joint Matriculation Board, Manchester M15 6EU.

THE DEGREE OF BACHELOR OF LAWS

Course Requirement

For admission to the scheme of study each candidate must (in addition to the matriculation requirements of the University) satisfy such further conditions as the Faculty consider appropriate.

Scheme of Study and Examinations

1. Candidates will not be admitted to the scheme of study unless they have satisfied the requirements for entry upon a degree course as prescribed from time to time by the Joint Matriculation Board.

2. Candidates must present themselves for departmental examinations arranged in connection with any courses they may take.

3. Candidates will not be permitted to present themselves for any examination unless they have regularly attended the classes prescribed in the course of study, and have performed the work of the classes to the satisfaction of the head of department.

4. Subject to Ordinance IV (above, pages 1–2) every candidate shall be required:

(a) In his first year to attend courses on:
  (i) constitutional law
  (ii) law of torts
  (iii) English legal system and English legal method
  (iv) law of contract.

At the end of the first academic year there shall be a qualifying examination in these subjects. Candidates must normally pass the qualifying examination as a whole before proceeding to the second year of the scheme of study.

A candidate who fails in one subject only may be referred in that subject. A candidate who fails in two subjects only shall fail the whole examination unless the examiners, having regard to his overall performance, refer him in those two subjects only. A candidate who fails more than two subjects shall fail the whole examination.

On the recommendation of the examiners supplementary qualifying examinations will be held (usually in the September following the end of the first academic year) for candidates who have failed or have been referred. A candidate who fails in one subject in the supplementary qualifying examinations may be permitted, at the discretion of the

examiners, to proceed for the ordinary degree of Bachelor of Laws and shall follow the scheme of study specified in regulations 7 and 8.

(b) In his second year to attend courses on:
(i) land law I
(ii) criminal law and *either*
(iii) any three of the following subjects:*
administrative law
commercial law
comparative law†
criminology
family law
legal history
Roman law
a course in management studies (Management Studies AL); *or*
(iv) two of the subjects listed in (iii) above and two of the following subjects:*
civil liberties I
civil liberties II‡
civil procedure
criminal procedure
international legal system
international law — disputes and war§
international law and human rights
remedies
rights of way and access to the countryside

At the end of the second academic year there will be an examination (Part I of the final examination) in these subjects. Candidates who satisfy the examiners in these examinations shall be allowed to proceed to the third year of the scheme of study. Candidates may be referred in land law and criminal law for professional exemption purposes only.

(c) In his third year to attend courses on:
(i) equity and trusts
(ii) jurisprudence; and
(iii) any three of the following subjects:*
company law (including partnership)
conflict of laws
evidence
law of employment
European law
land law II
revenue law
welfare law†

At the end of the third academic year there will be an examination (Part II of the final examination) in these subjects.

In lieu of one of the subjects listed under (iii) a candidate may, with the approval of the head of the Department, submit an extended essay. The general title for an extended essay

* Not all these subjects will necessarily be offered every year and additional subjects may be offered from time to time.

† This course will be examined by a normal 3-hour paper together with an essay of 2,000–3,000 words on an approved topic written in the candidate's own time and presented by the last day of the second term of the year of study in question.

‡ This option is only available to those who have taken civil liberties I.

§ Candidates opting for this subject must also take international legal system.

must be approved by the head of the Department before the end of the summer term in the second year of the scheme of study; applications to submit an extended essay will not be entertained after this date. The extended essay, which shall be given the same weight as a course under the scheme of study, shall be on a legal topic and be of the order of 10,000 words. The essay *must* be completed and submitted to the head of the Department by the end of the fifth full working day of the third term of the third year of the scheme of study.

5. A candidate who:

(a) attains a sufficiently high standard may be awarded the degree of Bachelor of Laws with honours

(b) does not attain a sufficiently high standard for the award of the degree of Bachelor of Laws with honours, may be awarded the ordinary degree of Bachelor of Laws.

6. A candidate who *fails* either Part of the final examination at the first attempt may be permitted to present himself for re-examination in that Part on *one* further occasion *only* but *not* on any further occasion without the special permission of the Senate.

A candidate who presents himself for re-examination shall *not* normally be eligible for the award of the degree with honours. A candidate who presents himself for re-examination for the ordinary degree shall be examined according to the scheme specified in regulation 8.

Ordinary Scheme of Study

7. A candidate may, at the end of his first or second year, elect to proceed to the ordinary degree of Bachelor of Laws, in which case he shall follow the scheme of study specified in regulation 8.

8. A candidate for the ordinary degree of Bachelor of Laws shall be required:

(a) In his second year to attend courses on land law I, criminal law and, subject to the approval of the head of the Department, on two of the subjects specified in regulation 4(b)(iii) or on one of those subjects and two of the subjects specified in regulation 4(b)(iv).

(b) In his third year to attend courses on equity and trusts and, subject to the approval of the head of the Department, on three of the subjects specified in regulation 4(c)(iii).

There will be examinations in these subjects at the end of the second and third years and the candidate, upon satisfying the examiners, may be awarded the ordinary degree of Bachelor of Laws.

Two-Year Scheme of Study for Graduates

9. Candidates who are graduates accepted under Ordinance IV for a two-year scheme of study shall be required:

(a) In the first year to attend courses on:
  (i) constitutional law
  (ii) land law I
  (iii) English legal system and English legal method
  (iv) law of contract
  (v) law of torts.

At the end of the first academic year there will be an examination in these subjects. A candidate who:

(1) satisfies the examiners may be allowed to proceed to the second year of the two-year scheme of study for the degree of Bachelor of Laws with honours.

(2) fails the examination may be allowed to present himself for re-examination on *one* further occasion *only* but *not* on any further occasion without the special permission of the Senate. A candidate who presents himself for re-examination will *not* normally be eligible for the award of the degree with honours. A candidate who presents himself for re-examination for the ordinary degree shall be examined in four subjects only, namely the law of contract, the law of torts, English legal system, and constitutional law. Upon satisfying the examiners at the re-examination he will be allowed to proceed to the second year of the two-year scheme of study for the ordinary degree of Bachelor of Laws, in which he will attend courses on land law, criminal law and, subject to the approval of the head of the Department, on any two of the subjects specified in regulation 4(b)(iii) and 4(c) or one of these subjects and two of the subjects specified in regulation 4(b)(iv).

(b) In the second year to attend courses on:
  (i) criminal law; and
  (ii) subject to the approval of his choice by the head of the Department, any *four* of the subjects specified in regulation 4(b)(iii) and 4(c) or three of those subjects and two of the subjects specified in regulation 4(b)(iv).

At the end of the second academic year there will be an examination in these subjects. In lieu of one of the subjects specified in regulation 4(b)(iii) or 4(c) or of two of the subjects specified in regulation 4(b)(iv) a candidate may, with the approval of the head of the Department, submit an extended essay. The general title for an extended essay must be approved by the head of the Department before the end of the summer term in the first year of the scheme of study; applications to submit an extended essay will not be entertained after this date. The extended essay, which shall be given the same weight as a course under the scheme of study, shall be on a legal topic and be of the order of 10,000 words. The essay *must* be completed and submitted to the head of the Department by the end of the fifth full working day of the third term of the second year of the scheme of study.

10. A candidate who:

(a) attains a sufficiently high standard may be awarded the degree of Bachelor of Laws with honours

(b) does not attain a sufficiently high standard for the award of the degree of Bachelor of Laws with honours may be awarded the ordinary degree of Bachelor of Laws

(c) fails the examination may be allowed to present himself for re-examination, on *one* further occasion *only* but *not* on any further occasion without the special permission of the Senate. A candidate who presents himself for re-examination shall *not* normally be eligible for the award of the degree with honours. A candidate who presents himself for re-examination for the ordinary degree shall be examined in criminal law and, subject to the approval of the head of the Department, any three of the subjects specified in regulation 4(b)(iii) and 4(c) or two of those subjects and two of the subjects specified in regulation 4(b)(iv).

THE DEGREE OF MASTER OF LAWS

11. All candidates for the degree of Master of Laws shall:

(a) register as students of the University and pay the prescribed fees for tuition

(b) undertake an approved course of advanced study and research, as prescribed by the Senate Research Degrees Committee, under the supervision of a member of staff of the Department

(c) give evidence of satisfactory progress by such means as may be prescribed by the head of the Department.

12. Subject to the provisions of article 16 of Ordinance IV, a full-time candidate must devote his whole time during his course to his advanced study and research in the University; but in exceptional circumstances the Senate Research Degrees Committee is prepared to allow the candidate to undertake a limited amount of other work which, in its judgement, would not interfere with his course of study.

13. Except with the special permission of the Senate Research Degrees Committee, no candidate may submit his thesis for examination for the degree of Master of Laws later than the end of the third year after his entry upon the approved course of full-time study and research or later than the end of the fifth year after his entry upon the approved course of part-time study and research.

14. Candidates who have completed their required period of study for the degree, but who have not yet completed the requirements for the award of the degree, are required whilst their candidatures continue to:

(a) register as students of the University and

(b) pay fees either at the full-time or part-time rate as is deemed appropriate by the head of the department concerned.

Such candidates may be permitted, at the discretion of the head of department concerned, to pay the specially reduced continuation/writing up fee.

15. A candidate must not submit as his thesis one for which another degree or similar qualification has been awarded, or which is under consideration for such an award; but he will not be precluded from incorporating in his thesis any part of such work provided that he states his wish to do so at the time of his application for acceptance as a candidate and in the thesis itself indicates the part of the work so incorporated.

16. Not less than three months before the submission of his thesis, the candidate must make application to the Registrar to be examined. The candidate must submit two copies of a thesis containing a short abstract which should be bound at the front of the thesis. Theses must be bound in the standard form, particulars of which may be obtained from the Registrar. The top copy or a photocopy of the thesis approved for the degree will be retained in the University library; a carbon copy will not be acceptable for this purpose.

17. To qualify for the award of the degree of Master of Laws, the candidate must:

(a) present a thesis on the subject of his advanced study and research and satisfy his examiners that it includes an independent contribution to knowledge and scholar-

ship, contains material at a level suitable for publication and is of sufficient merit to qualify for the award of the degree of Master of Laws;

(b) present himself for oral examination and satisfy his examiners therein and/or in such other tests as his examiners may prescribe.

18. The degree of Master of Laws may be awarded with distinction for work of exceptional merit.

THE DEGREE OF DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is governed by Ordinance X and relevant regulations which are set out on pages 15–16 and 17–18.

THE DEGREE OF DOCTOR OF LAWS

19. All applications must be made in writing to the Registrar and contain a full statement of the grounds on which the claim for the degree is based, together with such work, whether in print or typescript, as the applicant may desire to submit in support of the application. A copy of any work approved for the degree will be retained in the University library.

The application must be accompanied by the prescribed fee.

20. A candidate shall not be permitted to submit in chief or sole support of his application for the degree a thesis for which a degree has been awarded in this or any other university, or which is under consideration for the award of a degree in another university; but he shall not be precluded from submitting in additional support of his application a thesis for which a degree has already been awarded or from incorporating (in whole or in part) such work in the thesis submitted provided he clearly indicates the work thus submitted or incorporated.

Regulations

THE DEGREE OF MASTER OF ARTS* OR MASTER OF ARTS (COLLEGIATE)

9. Candidates accepted for the degree of Master of Arts shall be required to be registered as full-time or part-time students of the University and

either

(a) (i) to attend to the satisfaction of their head of department such courses of instruction in the University as the Senate, on the recommendation of the Board of the Faculties, may require, and

(ii) if accepted under the provisions of article 14, to give evidence by examination or otherwise, to their head of department not later than the end of the third term of their period of study that their progress has been satisfactory,

or

(b) (i) to undertake approved research leading to the presentation of a thesis, as prescribed by the Board of the Faculties and to the satisfaction of their head of department, under the supervision of a member or members of the academic staff in one of the following:

[the list of departments in which a candidate may study for the degree of Master of Arts by research may be obtained from the Registrar]

and

(ii) to give evidence of satisfactory progress by such means as may be prescribed by their head of department.

10. Candidates for the degree of Master of Arts (Collegiate) shall be required to be registered as full-time or part-time students of their affiliated college and:

(i) to attend to the satisfaction of the Principal of that college such courses of instruction in the college as the Senate, on the recommendation of the Board of the Faculties, may require and

(ii) if accepted under the provisions of Article 15, to give evidence by examination or otherwise, to the Principal of their college, not later than the end of the third term of their period of study that their progress has been satisfactory.

11. Applicants for acceptance for the degree of Master of Arts under article 16 must present themselves for interview by the appropriate committee before taking the special preliminary examination: both the interview and preliminary examination may include questions outside the immediate subject of research which the candidate wishes to investigate.

12. A full-time candidate must devote his whole time during his course to his advanced study or research.

* In the Faculty of Law, the M.A.(Legal Studies) is by research only.

13. Schemes of advanced study for the degree of Master of Arts or Master of Arts (Collegiate) will normally start in October each year, at the beginning of the academic session.

14. The examination for the degree by advanced study may include, in addition to any written papers, assessment of a dissertation* on a minor research project and, at the discretion of the examiners, an oral examination.

15. A candidate for the degree by research must not submit as his thesis or part of his thesis work for which another degree or similar qualification has been awarded, or which is under consideration for such an award.

16. Not less than three months before the submission of his thesis, a candidate for the degree by research must make application to the Registrar to be examined. The last date for the submission of the thesis shall normally be at the end of the prescribed period of research: in exceptional circumstances this may be extended by not more than three months by prior permission of the Board of the Faculties. The candidate must submit two copies of the thesis containing a short abstract which should be bound at the front of the thesis. Theses must be bound in the standard form, particulars of which may be obtained from the Registrar. The top copy or a photocopy of the thesis approved for the degree will be retained in the University library; a carbon copy will not be acceptable for this purpose. The language of the thesis shall normally be English although, if the particular subject so demands, the Board of the Faculties may be prepared to give its prior permission for a thesis to be submitted in a language other than English.

17. To qualify for the award of the degree of Master of Arts by research, the candidate must:

(a) present a thesis on the subject of his research and satisfy his examiners that it is of sufficient merit and that it contains material at a level suitable for publication;

(b) present himself for oral examination (a requirement which may be waived at the discretion of the examiners) and satisfy his examiners therein and/or in such other tests as his examiners may prescribe.

18. The names of candidates who have satisfied the examiners shall be published in alphabetical order. The degree may be awarded with distinction for work of exceptional merit.

19. A candidate who has failed to reach a satisfactory standard in the examination for the degree of Master of Arts or Master of Arts (Collegiate) may be permitted, on the special recommendation of the examiners, to present himself for re-examination on one occasion only.

20. Except with the special permission of the Board of the Faculties every candidate for the degree of Master of Arts or Master of Arts (Collegiate) by advanced study shall be required to have completed all examination requirements, including any re-examinations that have been required by the examiners, by not later than 12 months after the expiry of the prescribed period of study.

* Candidates are recommended to seek advice from their department or their college as to the number of copies required of any such dissertation, and its format.

ORDINANCE X (Extract)

THE DEGREE OF DOCTOR OF PHILOSOPHY

14. The degree of Doctor of Philosophy may be conferred on the following persons who, having paid the appropriate fee and undertaken research on a subject and under supervision approved by the Senate Research Degrees Committee, present a thesis satisfactory to the Senate and, where the approved work for the degree includes a substantial element of advanced study, satisfy the examiners in the written examination thereon, subject to the fulfilment of the conditions laid down in the following articles and in the regulations governing the award of the degree (see pages 17–18):

(a) registered graduates of an approved university, or

(b) holders of a recognized degree awarded as a result of study at an approved institution other than a university, or of any other qualification approved for this purpose by the Senate, provided that the course of study in the subject for which the qualification has been awarded has extended over not less than three years of full-time study and is acceptable to the Senate as being an adequate preparation for the research proposed, or

(c) in exceptional circumstances, holders of a diploma of the University of Leeds, provided that the Senate is satisfied regarding the course of study towards such a diploma and the standard attained by the candidate in the examination for the diploma.

15. Normally candidates wishing to proceed to the degree of Doctor of Philosophy under the provisions of article 14 will, in the first instance, either be required to apply for acceptance as provisional Ph.D. candidates or be asked to register as postgraduate research students*, and may, with approval of the Senate Research Degrees Committee, be accepted as candidates for the degree of Doctor of Philosophy on their completion to the satisfaction of the head of department concerned of a period of study not normally in excess of twelve months. The Senate may waive this requirement in the case of

(a) persons already holding a higher degree of an approved university or institution awarded on completion of a course of advanced study or research which provides evidence of aptitude for research at doctoral level, or

(b) persons whose academic qualifications reach the required standard and who have, in addition, industrial or other experience of special relevance to their proposed subject of research and who are recommended by the head of department concerned on these grounds.

16. A candidate applying for acceptance for the degree under the provisions of paragraphs (b) and (c) of article 14 above may be required to present to the Senate evidence of a satisfactory general education or, in the absence of such evidence, may be required to pass an examination to be prescribed in each case by the Senate before his acceptance.

* For the purposes of Ordinance X the term 'postgraduate research students' excludes those candidates accepted and registered for any postgraduate degree or diploma governed by any other Ordinance.

17. Except as hereinafter provided, all full-time candidates for the degree of Doctor of Philosophy are required to pursue approved full-time study and research in residence in the University under such supervision and direction as may be prescribed, for a period which shall be determined in each case by the Senate Research Degrees Committee but which shall normally be three calendar years from the date of initial registration for the degree.

18. In appropriate circumstances candidates for the degree who are full-time students may undertake a limited amount of research away from the University, either on approved fieldwork or in approved academic institutions or scientific or industrial establishments, whilst remaining under the direction of the University. Permission to spend up to a total of nine months studying outside the University during the period of study determined under article 17 will be at the discretion of the head of the department concerned; periods in excess of this must be approved by the Senate Research Degrees Committee.

19. In special circumstances, persons working in approved academic institutions or scientific or industrial establishments will be eligible for acceptance as full-time students under the relevant articles of this Ordinance provided that they are able to devote their whole time to research for the degree and that they spend one calendar year or such periods as the Senate may prescribe in residence at the University.

20. The Senate shall be empowered to reduce, in appropriate cases, the period of three calendar years of full-time study for the degree of Doctor of Philosophy when the progress and quality of the candidate's research justify such a reduction, provided that no candidate may have the degree conferred upon him before the completion of a total of two calendar years of full-time study.

21. Persons qualified under article 14 may be accepted for part-time study for the degree of Doctor of Philosophy provided that the Senate is satisfied with the frequency of their attendance for supervision and the facilities available for their research. The periods of study of such part-time candidates shall be determined in each case by the Senate Research Degrees Committee but shall normally be four calendar years. In appropriate cases, the Senate shall be empowered to reduce this period when the progress and quality of the candidate's research justify such a reduction, provided that no candidate presents himself for examination for the degree before the completion of three calendar years of part-time study.

Regulations governing Research Degrees (Extract)

THE DEGREE OF DOCTOR OF PHILOSOPHY

12. Before entering on the course of advanced study and research for the degree of Doctor of Philosophy, a candidate must submit to the Senate Research Degrees Committee for its approval his proposed course of advanced study and research and thereafter must:

(a) register as a student of the University and pay the prescribed fees for tuition

(b) undertake the approved course of advanced study and research under the supervision of a member of staff of the department concerned

(c) give evidence of satisfactory progress by such means as the head of department may prescribe.

13. Subject to the provisions of articles 18 and 19 of Ordinance X, a full-time candidate must devote his whole time during his course to his advanced study and research in the University but in exceptional circumstances the Senate Research Degrees Committee is prepared to allow the candidate to undertake a limited amount of other work which, in its judgement, would not interfere with his course of study.

14. Except with the special permission of the Senate Research Degrees Committee, no candidate may submit his thesis for examination for the degree of Doctor of Philosophy later than the end of the fourth year after his entry upon the approved course of full-time study and research or later than the end of the sixth year after his entry upon the approved course of part-time study and research.

15. Candidates who have completed their required period of study for the degree, but who have not yet completed the requirements for the award of the degree, are required whilst their candidatures continue to:

(a) register as students of the University and

(b) pay fees either at the full-time or part-time rate as is deemed appropriate by the head of the department concerned.

Such candidates may be permitted, at the discretion of the head of department concerned, to pay the specially reduced continuation/writing up fee.

16. A candidate must not submit as his thesis one for which another degree or similar qualification has been awarded, or which is under consideration for such an award; but he will not be precluded from incorporating in his thesis any part of such work provided that he states his wish to do so at the time of his application for acceptance as a candidate and in the thesis itself indicates the part of the work so incorporated.

17. Not less than three months before the submission of his thesis, the candidate must make application to the Registrar to be examined. The candidate must submit two copies of a thesis containing a short abstract which should be bound at the front of the thesis. Theses must be bound in the standard form, particulars of which may be obtained from the Registrar. A copy of a thesis submitted for examination will be retained by the University

on completion of the examination, and the copy of any thesis approved for the degree will be retained in the University library; a carbon copy will not be acceptable for this purpose.

18. To qualify for the award of the degree of Doctor of Philosophy the candidate must:

(a) present a thesis on the subject of his advanced study and research, and satisfy the examiners that it contains evidence of originality and independent critical ability and matter suitable for publication, and that it is of a sufficient merit to qualify for the degree of Doctor of Philosophy

(b) present himself for an oral examination and satisfy his examiners therein and in such other tests as his examiners may prescribe.

Course offered to other Faculties

LAW

As a subsidiary subject for the degree of Bachelor of Arts, Bachelor of Science and Bachelor of Engineering

Primarily for students in the School of Economic Studies and in the Department of Electrical and Electronic Engineering; also, on a limited basis only, for students in the Department of Civil Engineering.

ONE-YEAR COURSE

Two hours a week; supported by tutorials or seminars, one hour per fortnight at times to be arranged.

This course offers a grounding in the principles of the English legal system followed by an introduction to the law of contract and the law of agency.

EXAMINATION: One paper of three hours.

Prizes and Awards

In addition to the prizes and other awards open to all student members of the University, the following awards may be made to students in the Department of Law.

THE HUGHES PRIZES

Upon the retirement, in 1951, of Professor J. D. I. Hughes, a fund was raised by contributions from former students, colleagues and members of the legal profession.

1. One prize, of the value of £25, will be awarded annually to the most successful candidate obtaining honours in the final examination for the degree of Bachelor of Laws.

2. A special award of £100 may be made to a candidate satisfying the conditions in regulation 1 above, if his work is of outstanding merit. He shall be known as a 'Hughes prizeman'. In any year in which the special award is made, the prize of £25 indicated in regulation 1 above may be given to another candidate.

3. The Hughes essay prize of the value of £10 will be awarded annually to the candidate submitting the best dissertation in the third year of study for the degree of Bachelor of Laws.

4. The Hughes mooting prize, of the value of £10, will be awarded annually to the winning team in the final of the first-year mooting competition.

5. A discretionary award, of the value of £10, may be made to a student who has achieved outstanding performance in any one subject in the qualifying examination, or part I or part II of the final examinations. A student who receives another departmental subject prize will not be eligible for the discretionary prize in that subject.

6. Awards will be made by the Senate on the recommendation of the examiners, but no awards shall be made unless candidates are considered to be of sufficient merit.

7. Income not spent in any year shall be allowed to accumulate.

HUGHES PRIZEMEN

1954 P. R. Milligan
1961 P. A. Lovell
1967 T. J. Follows
1972 D. M. B. Clarke
1974 Miss P. J. L. Hill
1975 C. P. Walker
1978 G. R. Bradley
1982 K. Patten
1983 J. J. Stokeld
1984 G. L. Nardell

WILLIAM HARRISON GRADUATE STUDENTSHIPS

In 1957, William Harrison, LL.D., furnished an endowment for the benefit of students and graduates of the Faculty of Law, part of which may from time to time be made available for awards to assist graduate students of outstanding ability to undertake approved studies in this University or elsewhere.

These awards will be known as the William Harrison Graduate Studentships and will be awarded by the Senate on the recommendation of the head of the Department of Law.

MARGARET SIMPSON HARRISON GRADUATION PRIZES

These prizes shall consist of money or books to the value of £12 each, and will be awarded by the Senate on the recommendation of the head of the Department of Law to the most successful candidate in each of the following subjects of the final examination for the degree of Bachelor of Laws: Equity and Trusts, Jurisprudence and Land Law.

No prize will be awarded unless the examiners are satisfied that there is a candidate of sufficient merit to justify the making of an award.

THE BATT PRIZE

This prize was established in 1962 from funds presented by Mrs A. H. Batt in memory of her husband, K. F. Batt, a student in the Department of Law from 1959 to 1962.

1. The prize, which will be of the value of approximately £6, will be awarded annually by the Senate upon the recommendation of the head of the Department of Law, to the most meritorious candidate in the final examination in criminal law.

2. If in any year no candidate is deemed to have attained a sufficiently high standard the prize will not be awarded and the interest accruing in that year will be added to the capital fund.

THE MAXWELL PRIZE

The Maxwell Prize was instituted by Sweet & Maxwell Ltd. in 1973 to commemorate the long association with law and publishing of the Maxwell family.

1. The prize, which will consist of publications of Sweet & Maxwell Ltd. to the value of £75, will be awarded annually by the Senate on the recommendation of the head of the Department of Law, to the most meritorious candidate in Part I of the final examination for the degree of Bachelor of Laws.

2. A student who has received a Maxwell prize in another institution shall not be eligible.

THE BEDFORD CUP

In 1954, Mr G. M. Bedford, Bachelor of Laws, a former student of the Department of Law, and an ex-president of the Leeds University Union Law Society, presented a silver cup to be awarded annually to any student [being a member of the society] who shall be adjudged, as the result of an annual competition, the most proficient public speaker of his or her year.

THE NORRIS CUP

In 1969, Mr B. Norris, Bachelor of Laws, an ex-president of the Leeds University Union Law Society, presented a silver cup to be awarded annually for the best performance in a mooting competition.

THE CONVEY-QUEST CUP

In 1983, Ms N. Convey and Mr R. Quest, graduates of the Faculty, presented a silver cup to be awarded annually to a finalist in the first-year mooting competition showing ability in advocacy.

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ORDINANCE V. DEGREES IN SCIENCE

1. The degrees in science shall be:

Bachelor of Science (B.Sc.)
Master of Science (M.Sc.)
Master of Philosophy (M.Phil.)
Doctor of Philosophy (Ph.D.)
Doctor of Science (D.Sc.)

THE DEGREE OF BACHELOR OF SCIENCE

2. The degree of Bachelor of Science, either as an ordinary degree or as an honours degree, shall be conferred, on payment of the proper fee, upon candidates who have fulfilled the requirements as to study and examinations.

3. All candidates for the degree of Bachelor of Science shall be required to have passed the examination for matriculation or to have obtained a certificate of exemption therefrom, before entering upon a degree course and thereafter to have pursued a prescribed scheme of study for not less than three academic years, except as provided in Ordinance XII, *Calendar*, Part I.

4. A candidate may transfer in approved cases between schemes of study leading to the degrees of Bachelor of Science, Bachelor of Engineering and Master of Engineering, with the approval of the heads of department concerned and in conformity with the provisions laid down by the Board.

5. Except with the special permission of the Senate:

(a) Every candidate for the degree of Bachelor of Science shall be required to present himself for the examination for the degree not later than the end of the fifth year of study in the University from the time when he entered upon a scheme of study prescribed for the degree.

(b) No candidate will be allowed to present himself for any re-examination for the degree of Bachelor of Science later than the end of the sixth calendar year after his entry upon a prescribed scheme of study.

6. A candidate who has had the degree of Bachelor of Science conferred upon him may not present himself a second time for the examination on the same scheme of study.

THE ORDINARY DEGREE OF BACHELOR OF SCIENCE

7. The ordinary degree of Bachelor of Science may be awarded to candidates who have pursued a scheme of study prescribed for the ordinary degree of Bachelor of Science and have passed the required examinations.

8. The ordinary degree of Bachelor of Science may be awarded with credit in conformity with provisions laid down by the appropriate Faculty Board(s).

THE DEGREE OF BACHELOR OF SCIENCE WITH HONOURS

9. Candidates who have pursued a prescribed scheme of study for the degree of Bachelor of Science with honours and have passed the required examinations may be awarded:

(i) the degree of Bachelor of Science with honours, class I
or (ii) the degree of Bachelor of Science with honours, class II, division (i)
or (iii) the degree of Bachelor of Science with honours, class II, division (ii)
or (iv) the degree of Bachelor of Science with honours, class III
or (v) the degree of Bachelor of Science with honours, pass.

10. Except with the special permission of Senate, a candidate presenting himself for the same final honours examination on a second or subsequent occasion shall not be eligible for the award of the degree with honours.

11. Candidates who have not attained a sufficiently high standard in the examination for the degree of Bachelor of Science with honours to merit the award of that degree may, if they have fulfilled the requirements of the ordinary degree, be awarded that degree.

12. A candidate who was registered for the ordinary degree and who passed the final examinations for that degree may with the permission of the appropriate Faculty Board proceed with an approved scheme of study for the degree of Bachelor of Science with honours and present himself for examination for the degree with honours, subject to the provision of article 5(a) of this Ordinance.

13. A candidate who has passed the examination prescribed for the degree of Bachelor of Science with honours may, with the permission of the Senate given on the recommendation of the appropriate Faculty Board(s), present himself for examination for the degree of Bachelor of Science with honours on another of the prescribed schemes of study in the Faculties of Science and Engineering after attending approved courses in the University for not less than one further year.

THE DEGREE OF BACHELOR OF ENGINEERING

The degree of Bachelor of Engineering is governed by Ordinance VI, articles 2 to 15, and relevant regulations which are set out on pages 10-11 and 15-16.

THE DEGREE OF MASTER OF ENGINEERING

The degree of Master of Engineering is governed by Ordinance VI, articles 16–24, and relevant regulations which are set out on pages 12 and 16–17.

THE DEGREE OF MASTER OF SCIENCE

14. The degree of Master of Science may be conferred, on payment of the proper fee:

(a) upon graduates of the University of Leeds or of any approved university or institution, or

(b) in approved cases upon persons who are not graduates, or

(c) upon persons holding such other qualifications as may be deemed by the Senate to be acceptable as equivalent to or in lieu of a degree

who have

either (i) satisfactorily completed an approved full-time or part-time scheme of advanced study in the University and passed the prescribed examination;
or (ii) undertaken research on a subject and under supervision approved by the appropriate Board of Faculty and presented a thesis satisfactory to the Senate,

subject to the fulfilment of the conditions laid down in the following articles and the regulations governing the award of the degree, and provided that all such persons have qualifications which are acceptable to the Senate as an appropriate preparation for the particular advanced study scheme or research envisaged.

15. Schemes of advanced study leading to the degree of Master of Science may vary in length from subject to subject but the period of full-time study shall be not less than one academic year and the period of part-time study shall normally be not less than two academic years. Candidates for the degree by supervised research will normally be required to undertake their research over *either* one calendar year of full-time study *or* two calendar years of part-time study, under arrangements for their attendance at the University which have been approved in each case by the appropriate Board of Faculty.

16. Candidates who have graduated with first- or second-class honours or who hold qualifications which are deemed by the Senate to be equivalent to a first- or second-class honours degree, or who have gained a postgraduate diploma at a sufficiently high standard in a subject regarded as an adequate preparation, will be eligible to proceed to the degree after the minimum period of study or period of research prescribed in article 15 above.

17. Persons who are unable to satisfy the requirements of article 16 above but who have qualifications and experience of relevance to the scheme of advanced study involved may be accepted as candidates for the degree by advanced study on the recommendation of the appropriate Board of Faculty and will normally be required to undertake an approved scheme of advanced study for such period in excess of the prescribed minimum as may be determined in each case.

18. In exceptional cases, approved by the Senate on the recommendation of the appropriate Board of Faculty, candidates accepted under the provisions of article 17 above may be permitted to proceed to the degree after the minimum period of study appropriate to their scheme of study if they have, following the award of their first degree or equivalent qualification, gained industrial or other experience recognized as being of special relevance to the scheme of advanced study they wish to pursue.

19. In exceptional circumstances, persons who do not qualify under article 16 above may be accepted as candidates for the degree by supervised research if they satisfy the Senate that their educational attainments and experience qualify them to undertake an approved course of supervised research at the appropriate level. Such candidates must normally reach a satisfactory standard in a special preliminary examination.

(See also the regulations on pages 6–8 and prescribed schemes of study on pages 82–100.)

THE DEGREE OF MASTER OF SCIENCE (ENGINEERING)

The degree of Master of Science (Engineering) is governed by Ordinance VI, articles 25 to 30 and relevant regulations which are set out on pages 13–14 and 17–18.

THE DEGREE OF MASTER OF PHILOSOPHY

The degree of Master of Philosophy is governed by Ordinance X, articles 2 to 13 and relevant regulations which are set out on pages 20–22 and 24–25.

THE DEGREE OF DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is governed by Ordinance X, articles 14 to 21, and relevant regulations which are set out on pages 22–23 and 25–26.

THE DEGREE OF DOCTOR OF SCIENCE

20. The degree of Doctor of Science shall be conferred by the University upon:

(a) graduates of the University of not less than six years' standing

or

(b) members of the academic staff of the University who have served for a continuous period of not less than five years and who are graduates of other universities of not less than six years' standing

who shall be deemed by the Senate, after considering a report from one or more of the Boards of Faculties, to have distinguished themselves by their original contributions to science; provided that the Senate may, in such cases as it shall think fit, after considering a report from one or more of the Boards of Faculties, also require candidates to pass such an examination as it may from time to time determine.

21. If the application be approved by the Senate, the degree may be conferred at the first convenient date thereafter.

(See also the regulations on page 8.)

THE DEGREE OF DOCTOR OF ENGINEERING

The degree of Doctor of Engineering is governed by Ordinance VI, articles 31 and 32 and relevant regulations which are set out on pages 14 and 19.

THE DIPLOMAS IN SCIENCE AND ENGINEERING

Diplomas are governed by Ordinance XVIII (*Calendar*, Part I).

Regulations

THE DEGREE OF BACHELOR OF SCIENCE

1. For admission to schemes of study for the degree of Bachelor of Science candidates must comply with any special requirements relating to the subjects they propose to study; for some of these previous knowledge of certain subjects may be required.

2. Candidates proceeding to the degree of Bachelor of Science are required to pursue courses as prescribed in the ensuing sections 'Prescribed Schemes of Study for the Degree of Bachelor of Science'.

3. Except as provided in Ordinance XII, candidates who satisfy the examination requirements for the ordinary degree in two sessions must satisfactorily pursue a scheme of study in the third session approved by the appropriate Faculty Board(s) and present themselves for the examination thereon.

4. Candidates must present themselves for the examination arranged in connection with any courses prescribed in their scheme of study, except that candidates will not be permitted to present themselves for examination in any subject unless they have satisfactorily attended the prescribed courses and performed the work of the class to the satisfaction of the head of department providing the course of study.

5. Except as permitted by the appropriate Faculty Board(s), a candidate may not proceed to a more advanced course in a subject until he has attained a sufficient standard in the examination of the preceding course laid down for that subject.

6. Degree examinations will ordinarily be held in June of each year. Candidates who fail in one or more courses at the end of their first year of residence and who are in the first year of a scheme of study or in a preliminary year may be permitted to present themselves for re-examination in the following September. Except with the special permission of the Senate no candidate will be admitted to a September examination unless he has presented himself for the corresponding examination in the preceding June. No candidate will be admitted to a September examination who is deemed by the examiners not to have made a serious attempt at that examination in June.

7. The record of students at examinations on courses taken earlier in the scheme of study may be taken into account in assessing the results of degree examinations.

8. Candidates may with the consent of the head of the department (or, in respect of combined studies schemes, the Director of Combined Studies) offer additional courses or courses at a more advanced grade than those required by the prescribed scheme of study for the degree. Additional courses need not be confined to the Faculties of Science and Engineering.

9. Candidates presenting themselves for examination on a course and failing to pass may, at the discretion of the examiners, be recommended for a pass in a course in that subject or a less advanced grade.

10. With the approval of the appropriate Faculty Board(s), candidates for the ordinary degree of Bachelor of Science who have failed examinations on a prescribed course or courses at the second- or third-year level, may offer equivalent courses and examinations in substitution.

11. Candidates will be required to show by examination to the satisfaction of their head of department that they have attained a standard sufficient for the purpose of their scheme of study in any courses taken in the first year additional to those courses prescribed in the three-year scheme for the degree with honours. This provision will also apply to any courses undertaken during the initial year of a scheme of study extending over four years, or during the first year of a three-year scheme of study for an ordinary degree, which are not prescribed in the approved scheme of study for the same subject for a later year, nor are included in the corresponding three-year scheme of study for honours.

12. The names of candidates who have passed the examination for the degree of Bachelor of Science shall be grouped so as to distinguish the main subject or subjects of the scheme of study in which each candidate has passed. The names of candidates in each group shall be arranged alphabetically within the list for each class for the degree of Bachelor of Science with honours and within the list for the ordinary degree of Bachelor of Science.

(Attention is drawn to the general regulations for all examinations set out in the prospectus *General Regulations*.)

THE DEGREE OF BACHELOR OF ENGINEERING

The degree of Bachelor of Engineering is governed by Ordinance VI, articles 2 to 15 and relevant regulations, which are set out on pages 10–11 and 15–16.

THE DEGREE OF MASTER OF ENGINEERING

The degree of Master of Engineering is governed by Ordinance VI, articles 16 to 24 and relevant regulations which are set out on pages 12 and 16–17.

THE DEGREE OF MASTER OF SCIENCE

13. Candidates accepted for the degree of Master of Science shall be required to be registered as full-time or part-time students of the University and

either (a) (i) to attend to the satisfaction of their head of department such courses of instruction in the University as the Senate, on the recommendation of the appropriate Board of Faculty, may require, and

(ii) if accepted under the provisions of article 18, to give evidence, by examination or otherwise, to their head of department not later than the end of the third term of their period of study that their progress has been satisfactory,

or (b) (i) to undertake approved research leading to the presentation of a thesis, as prescribed by the appropriate Board of Faculty and to the satisfaction of their head of department, under the supervision of a member or members of the academic staff in one of the following:

[the list of departments in which a candidate may study for the degree of Master of Science by research may be obtained from the Registrar]

and

(ii) to give evidence of satisfactory progress by such means as may be prescribed by their head of department.

14. Applicants for acceptance for the degree under article 20 must present themselves for interview by the appropriate committee before taking the special preliminary examination: both the interview and preliminary examination may include questions outside the immediate subject of research which the candidate wishes to investigate.

15. A full-time candidate must devote his whole time during his course to his advanced study or research.

16. Schemes of advanced study for the degree of Master of Science will normally start in October each year, at the beginning of the academic session.*

17. The examination for the degree by advanced study may include, in addition to any written papers, assessment of a dissertation† on a minor research project and, at the discretion of the examiners, an oral examination.

18. Except with the special permission of the appropriate Board of Faculty, every candidate for the degree of Master of Science by advanced study shall be required to present himself for examination for the degree not later than twelve months after the expiry of the period of study recommended in his case.

19. A candidate for the degree by research must not submit as his thesis or part of his thesis work for which another degree or similar qualification has been awarded, or which is under consideration for such an award.

20. Not less than three months before the submission of his thesis, a candidate for the degree by research must make application to the Registrar to be examined. The last date for the submission of the thesis shall normally be at the end of the prescribed period of research: in exceptional circumstances this may be extended by not more than three months by prior permission of the appropriate Board of Faculty. The candidate must submit two copies of the thesis containing a short abstract which should be bound at the front of the thesis. Theses must be bound in the standard form, particulars of which may be obtained from the Registrar. The top copy or a photocopy of the thesis approved for the degree will be retained in the University library; a carbon copy will not be acceptable for this purpose. The language of the thesis shall be English.

21. To qualify for the award of the degree of Master of Science by research, the candidate must:

(a) present a thesis on the subject of his research and satisfy his examiners that it is of sufficient merit and that it contains material at a level suitable for publication;

(b) present himself for oral examination (a requirement which may be waived at the discretion of the examiners) and satisfy his examiners therein and/or in such other tests as his examiners may prescribe.

* Details of the scheme approved in each subject and prescribed examinations are given on pages 82–100.

† Candidates are recommended to seek advice from the department as to the number of copies required of any such dissertation, and its format.

22. The names of candidates who have satisfied the examiners shall be published in alphabetical order. The degree may be awarded with distinction for work of exceptional merit.

23. A candidate who has failed to reach a satisfactory standard in the examination for the degree of Master of Science may be permitted, on the special recommendation of the examiners, to present for re-examination on one occasion only, normally within twelve months of the expiry of the prescribed period of study.

(See also the appropriate sections of Ordinance V on pages 2–3 and the prescribed schemes of study on pages 82–100).

THE DEGREE OF MASTER OF SCIENCE (ENGINEERING)

The degree of Master of Science (Engineering) is governed by Ordinance VI, articles 25 to 30 and relevant regulations, which are set out on pages 13–14 and 17–18.

THE DEGREE OF MASTER OF PHILOSOPHY

The degree of Master of Philosophy is governed by Ordinance X, articles 2 to 13 and relevant regulations which are set out on pages 20–22 and 24–25.

THE DEGREE OF DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is governed by Ordinance X, articles 14 to 21 and relevant regulations which are set out on pages 22–23 and 25–26.

THE DEGREE OF DOCTOR OF SCIENCE

24. Application for the degree of Doctor of Science shall be made in writing to the Registrar. It should be accompanied by three copies of the thesis and/or publications submitted in support of the application. Theses not already published must be drawn up in a form suitable for publication. In the case of work submitted under joint authorship, the applicant must indicate to the satisfaction of the Senate his own share in the joint production. A copy of the thesis approved for the degree will be retained in the University library. A candidate must not submit in chief or sole support of his application for the degree a thesis for which a degree has been awarded in this or any other university, or which is under consideration for the award of a degree in another university; but he will not be precluded from submitting in additional support of his application a thesis for which a degree has already been awarded or from incorporating (in whole or in part) such work in the thesis submitted provided he clearly indicates the work thus submitted or incorporated.

The application must be accompanied by the prescribed fee.

THE DEGREE OF DOCTOR OF ENGINEERING

The degree of Doctor of Engineering is governed by Ordinance VI, articles 31 and 32 and relevant regulations which are set out on pages 14 and 19.

DIPLOMAS IN THE FACULTIES OF SCIENCE AND ENGINEERING

25. Candidates accepted for diploma schemes shall be required to:

(a) register as full-time or part-time students of the University;

(b) pursue courses as prescribed in the ensuing section 'Prescribed Schemes of Study for Diplomas';

(c) give satisfactory attendance at all courses which form part of their scheme of study;

(d) present themselves for any departmental examinations that may be required.

26. At the end of the scheme of study candidates shall be required to present themselves for such examination in the main subject of study as may be required. The record of students at departmental examinations may be taken into account in deciding the results of the diploma examinations.

27. The names of candidates who have satisfied the examiners shall be published in alphabetical order. Distinction may be awarded for work of exceptional merit.

28. A candidate who has failed to satisfy the examiners in the diploma examinations may be permitted, on the special recommendation of the examiners, to present himself for re-examination on one occasion only.

29. Some departure from the prescribed courses may be permitted in exceptional cases and students who on entering upon a diploma course produce evidence that they already possess a sufficient knowledge of some part of the required coursework may be excused some attendance. Applications for exemption from attendance should be made to the head of the department concerned, who shall bring them before the appropriate committee.

ORDINANCE VI. DEGREES IN ENGINEERING

1. The degrees in engineering shall be:

Bachelor of Science (B.Sc.)
Bachelor of Engineering (B.Eng.)
Master of Engineering (M.Eng.)
Master of Science (M.Sc.)
Master of Science (Engineering) (M.Sc.(Eng.))
Master of Philosophy (M.Phil.)
Doctor of Philosophy (Ph.D.)
Doctor of Science (D.Sc.)
Doctor of Engineering (D.Eng.)

THE DEGREE OF BACHELOR OF SCIENCE

The degree of Bachelor of Science is governed by Ordinance V, articles 2 to 13 and relevant regulations which are set out on pages 1–2 and 5–6.

THE DEGREE OF BACHELOR OF ENGINEERING

2. The degree of Bachelor of Engineering, either as an ordinary degree or as an honours degree, shall be conferred, on payment of the proper fee, upon candidates who have fulfilled the requirements as to study and examinations.

3. All candidates for the degree of Bachelor of Engineering shall be required to have passed the examination for matriculation or to have obtained a certificate of exemption therefrom before entering upon a degree course and thereafter to have pursued a prescribed scheme of study for not less than three academic years, except as provided in Ordinance XII, Calendar, Part I and article 4 of this Ordinance.

4. Candidates for the degree of Bachelor of Engineering who have attended certain courses of study at the Doncaster Metropolitan Institute of Higher Education, Department of Mining and Mineral Resource Engineering shall be required to have provisionally registered as candidates for the degree at the end of the first year of their course of study in the Institute; and to have finally registered as candidates on an approved scheme of study in the University of Leeds for not less than one year.

5. A candidate may transfer in approved cases between schemes of study leading to the degrees of Bachelor of Science, Bachelor of Engineering and Master of Engineering, with the approval of the heads of department concerned and in conformity with the provisions laid down by the Board.

6. Except with the special permission of the Senate:

(a) Every candidate for the degree of Bachelor of Engineering shall be required to present himself for the examination for the degree not later than the end of the fifth year of study in the University from the time when he entered upon a scheme of study prescribed for the degree.

(b) No candidate will be allowed to present himself for any re-examination for the degree of Bachelor of Engineering later than the end of the sixth calendar year after his entry upon a prescribed scheme of study.

7. A candidate who has had the degree of Bachelor of Engineering conferred upon him may not present himself a second time for the examination on the same scheme of study.

8. Candidates who have pursued a prescribed scheme of study for the degree of Master of Engineering but have not attained a sufficiently high standard in the examination for that degree may, if they have fulfilled the requirements of the degree of Bachelor of Engineering, be awarded the degree of Bachelor of Engineering with honours with the appropriate classification or the ordinary degree of Bachelor of Engineering.

THE ORDINARY DEGREE OF BACHELOR OF ENGINEERING

9. The ordinary degree of Bachelor of Engineering may be awarded to candidates who have pursued a scheme of study prescribed for the ordinary degree of Bachelor of Engineering and have passed the required examinations.

10. The ordinary degree of Bachelor of Engineering may be awarded with credit in conformity with provisions laid down by the Faculty Board.

THE DEGREE OF BACHELOR OF ENGINEERING WITH HONOURS

11. Candidates who have pursued a prescribed scheme of study for the degree of Bachelor of Engineering with honours and have passed the required examinations may be awarded:

(i) the degree of Bachelor of Engineering with honours, class I
or (ii) the degree of Bachelor of Engineering with honours, class II, division (i)
or (iii) the degree of Bachelor of Engineering with honours, class II, division (ii)
or (iv) the degree of Bachelor of Engineering with honours, class III
or (v) the degree of Bachelor of Engineering with honours, pass

12. Except with the special permission of Senate, a candidate presenting himself for the same final honours examination on a second or subsequent occasion shall not be eligible for the award of the degree with honours.

13. Candidates who have not attained a sufficiently high standard in the examination for the degree of Bachelor of Engineering with honours to merit the award of that degree may, if they have fulfilled the requirements of the ordinary degree, be awarded that degree.

14. A candidate who was registered for the ordinary degree and who passed the final examinations for that degree may, with the permission of the Faculty Board, proceed with an approved scheme of study for the degree of Bachelor of Engineering with honours and to present himself for examination for the degree with honours, subject to the provision of article 6(a) of this Ordinance.

15. A candidate who has passed the examination prescribed for the degree of Bachelor of Engineering with honours may, with the permission of the Senate given on the recommendation of the Faculty Board, present himself for examination for the degree of Bachelor of Engineering with honours on another of the prescribed schemes of study in the Faculty of Engineering after attending approved courses in the University for not less than one further year.

THE DEGREE OF MASTER OF SCIENCE

The degree of Master of Science is governed by Ordinance V, articles 14 to 19 and relevant regulations which are set out on pages 2–3 and 6–8.

THE DEGREE OF MASTER OF ENGINEERING

16. The degree of Master of Engineering shall be conferred, on payment of the proper fee, upon candidates who have fulfilled the requirements as to study and examinations.

17. All candidates for the degree of Master of Engineering shall be required to have passed the examination for matriculation or to have obtained a certificate of exemption therefrom before entering upon a degree course and thereafter to have pursued a prescribed scheme of study for not less than four academic years, except as provided in Ordinance XII, Calendar Part I.

18. A candidate may transfer in approved cases between schemes of study leading to the degrees of Bachelor of Science, Bachelor of Engineering and Master of Engineering, with the approval of the appropriate heads of department and in conformity with the provisions laid down by the Faculty Board.

19. Except with the special permission of the Senate:

(a) Every candidate for the degree of Master of Engineering shall be required to present himself for the examination for the degree not later than the end of the fifth year of study in the University from the time when he entered upon a scheme of study prescribed for the degree.

(b) No candidate will be allowed to present himself for any re-examination for the degree of Master of Engineering later than the end of the sixth calendar year after his entry upon a prescribed scheme of study.

20. A candidate who has had the degree of Master of Engineering conferred upon him may not present himself a second time for the examination on the same scheme of study.

21. The degree of Master of Engineering may be awarded with distinction.

22. Candidates who have not attained a sufficiently high standard in the examination for the degree of Master of Engineering to merit the award of that degree may, if they have fulfilled the requirements of the degree of Bachelor of Engineering, be awarded the degree of Bachelor of Engineering with honours with the appropriate classification or the ordinary degree of Bachelor of Engineering.

23. Except with the special permission of the Senate, a candidate presenting himself for the same final examination on a second or subsequent occasion shall not be eligible for the degree of Master of Engineering but may, if he has fulfilled the requirements for the degree of Bachelor of Engineering, be awarded the degree of Bachelor of Engineering with honours with the appropriate classification or the ordinary degree of Bachelor of Engineering.

24. A candidate who was registered for the degree of Bachelor of Engineering and who passed the final examinations for that degree may, with the special permission of the Senate, proceed with an approved scheme of study for the degree of Master of Engineering and to present himself for examination for that degree, subject to the provisions of article 19 of this Ordinance.

THE DEGREE OF MASTER OF SCIENCE (ENGINEERING)

25. The degree of Master of Science (Engineering) may be conferred, on payment of the proper fee:

(a) upon graduates of the University of Leeds or of any other approved university or institution, or

(b) in approved cases upon persons who are not graduates, or

(c) upon persons holding such other qualifications as may be deemed by the Senate to be acceptable as equivalent to or in lieu of a degree

who have

either (i) satisfactorily completed an approved full-time or part-time scheme of advanced study in the University and passed the prescribed examinations;

or (ii) undertaken research on a subject and under supervision approved by the appropriate Board of Faculty and presented a thesis satisfactory to the Senate.

subject to the fulfilment of the conditions laid down in the following articles and the regulations governing the award of the degree, and provided that all such persons have qualifications which are acceptable to the Senate as an appropriate preparation for the particular advanced study scheme or research involved.

26. Schemes of advanced study leading to the degree of Master of Science (Engineering) may vary in length from subject to subject but the period of full-time study shall not be less than one academic year and the period of part-time study shall normally not be less than two academic years. Candidates accepted for the degree by supervised research will normally be required to undertake their research over *either* one calendar year of full-time study *or* two calendar years of part-time study, under arrangements for their attendance at the University which have been approved in each case by the Faculty Board.

27. Candidates who have graduated with first- or second-class honours, or who hold qualifications which are deemed by the Senate to be equivalent to first- or second-class honours degrees, or who have gained a postgraduate diploma at a sufficiently high standard in a subject regarded as an adequate preparation, will be eligible to proceed to the degree after the minimum period of study or period of research prescribed in article 26 above.

28. Persons who are unable to satisfy the requirements of article 27 above but who have qualifications and experience of relevance to the scheme of advanced study involved may be accepted as candidates for the degree by advanced study on the recommendation of the Faculty Board and will normally be required to undertake an approved scheme of advanced study for such period in excess of the prescribed minimum as may be determined in each case.

29. In exceptional cases, approved by the Senate on the recommendation of the Faculty Board, candidates accepted under the provisions of article 28 above may be permitted to proceed to the degree after the minimum period of study appropriate to their scheme of study if they have, following the award of their first degree or equivalent qualification, gained industrial or other experience recognized as being of special relevance to the scheme of advanced study they wish to pursue.

30. In exceptional circumstances, persons who do not qualify under article 27 above may be accepted as candidates for the degree by supervised research if they satisfy the Senate that their educational attainments and experience qualify them to undertake an approved course of supervised research at the appropriate level. Such candidates must normally reach a satisfactory standard in a special preliminary examination.

(See also the regulations on pages 17–18 and the prescribed schemes of study on pages 101–105).

THE DEGREE OF MASTER OF PHILOSOPHY

The degree of Master of Philosophy is governed by Ordinance X, articles 2 to 13 and relevant regulations which are set out on pages 20–22 and 24–25.

THE DEGREE OF DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is governed by Ordinance X, articles 14 to 21 and relevant regulations which are set out on pages 22–23 and 25–26.

THE DEGREE OF DOCTOR OF SCIENCE

The degree of Doctor of Science is governed by Ordinance V, articles 20 to 21, and relevant regulations which are set out on pages 4 and 8.

THE DEGREE OF DOCTOR OF ENGINEERING

31. The degree of Doctor of Engineering shall be conferred by the University upon:

(a) graduates of the University of not less than six years' standing

or

(b) members of the academic staff of the University who have served for a continuous period of not less than five years and who are graduates of other universities of not less than six years' standing

who shall be deemed by the Senate, after considering a report from one or more of the Boards of Faculties, to have distinguished themselves by their original contributions to engineering science, principles or practice; provided that the Senate may, in such cases as it shall think fit, after considering a report from one or more of the Boards of Faculties, also require candidates to pass such an examination as it may from time to time determine.

32. If the application be approved by the Senate, the degree may be conferred at the first convenient date thereafter.

(See also the regulations on page 19.)

THE DIPLOMAS IN ENGINEERING

Diplomas are governed by Ordinance XVIII (*Calendar, Part 1*).

Regulations

THE DEGREE OF BACHELOR OF SCIENCE

The degree of Bachelor of Science is governed by Ordinance V, articles 2 to 13, and relevant regulations which are set out on pages 1–2 and 5–6.

THE DEGREE OF BACHELOR OF ENGINEERING

1. For admission to schemes of study for the degree of Bachelor of Engineering, candidates must comply with any special requirements relating to the subjects they propose to study; for some of these previous knowledge of certain subjects may be required.

2. Candidates proceeding to the degree of Bachelor of Engineering are required to pursue courses as prescribed in the ensuing sections 'Prescribed Schemes of Study for the Degree of Bachelor of Engineering'.

3. Candidates must present themselves for the examination arranged in connection with any courses prescribed in their scheme of study, except that candidates will not be permitted to present themselves for examination in any subject unless they have satisfactorily attended the prescribed courses and performed the associated course work to the satisfaction of the head of department providing the course of study.

4. Except as permitted by the appropriate Faculty Board, a candidate may not proceed to a more advanced course in a subject until he has attained a sufficient standard in the examination of the preceding course laid down for that subject except as provided in regulation 5 below.

5. Degree examinations will ordinarily be held in June of each year. Candidates who fail in one or more courses at the end of their first year of residence and who are in the first year of a scheme of study or in a preliminary year may be permitted to present themselves for re-examination in the following September. Except with the special permission of the Senate no candidate will be admitted to a September examination unless he has presented himself for the corresponding examination in the preceding June. No candidate will be admitted to a September examination who is deemed by the examiners not to have made a serious attempt at that examination in June.

6. The record of students at examinations on courses taken earlier in the scheme of study may be taken into account in assessing the results of degree examinations.

7. Candidates may with the consent of the heads of the relevant departments offer additional courses or courses at a more advanced grade than those required by the prescribed scheme of study for the degree. Additional courses need not be confined to the Faculty of Engineering.

8. Candidates presenting themselves for examination on a course and failing to pass may, at the discretion of the examiners, be recommended for a pass in a course in that subject of a less advanced grade.

9. With the approval of the appropriate Faculty Board, candidates for the ordinary degree of Bachelor of Engineering who have failed examinations on a prescribed course or courses in the second-, third- or fourth-year level, may offer equivalent courses and examinations in substitution.

10. The names of candidates who have passed the examination for the degree of Bachelor of Engineering shall be grouped so as to distinguish the main subject or subjects of the scheme of study in which each candidate has passed. The names of candidates in each group shall be arranged alphabetically within the list for each class for the degree of Bachelor of Engineering with honours and within the list for the ordinary degree of Bachelor of Engineering.

(Attention is drawn to the general regulations for all examinations set out in the prospectus *General Regulations*.)

THE DEGREE OF MASTER OF ENGINEERING

11. For admission to schemes of study for the degree of Master of Engineering, candidates must comply with any special requirements relating to the subjects they propose to study; for some of these previous knowledge of certain subjects may be required.

12. Candidates proceeding to the degree of Master of Engineering are required to pursue courses as prescribed in the ensuing sections 'Prescribed Schemes of Study for the Degree of Master of Engineering'.

13. Candidates must present themselves for the examination arranged in connection with any courses prescribed in their scheme of study, except that candidates will not be permitted to present themselves for examination in any subject unless they have satisfactorily attended the prescribed courses and performed the associated course work to the satisfaction of the head of department providing the course of study.

14. Except as permitted by the appropriate Faculty Board, a candidate may not proceed to a more advanced course in a subject until he has attained a sufficient standard in the examination of the preceding course laid down for that subject except as provided in regulation 15 below.

15. Degree examinations will ordinarily be held in June of each year. Candidates who fail in one or more courses at the end of their first year of residence and who are in the first year of a scheme of study or in a preliminary year may be permitted to present themselves for re-examination in the following September. Except with the special permission of the Senate no candidate will be admitted to a September examination unless he has presented himself for the corresponding examination in the preceding June. No candidate will be admitted to a September examination who is deemed by the examiners not to have made a serious attempt at that examination in June.

16. The record of students at examinations on courses taken earlier in the scheme of study may be taken into account in assessing the results of degree examinations.

17. Candidates may with the consent of the heads of the relevant departments offer additional courses or courses at a more advanced grade than those required by the prescribed scheme of study for the degree. Additional courses need not be confined to the Faculty of Engineering.

18. Candidates presenting themselves for examination on a course and failing to pass may, at the discretion of the examiners, be recommended for a pass in a course in that subject of a less advanced grade.

19. The names of candidates who have passed the examination for the degree of Master of Engineering shall be grouped so as to distinguish the main subject or subjects of the scheme of study in which each candidate has passed. The names of candidates in each group shall be arranged alphabetically within the list for the degree of Master of Engineering with distinction and within the list for the degree of Master of Engineering.

THE DEGREE OF MASTER OF SCIENCE

The degree of Master of Science is governed by Ordinance V, articles 14 to 19 and relevant regulations which are set out on pages 2–3 and 6–8.

THE DEGREE OF MASTER OF SCIENCE (ENGINEERING)

20. Candidates accepted for the degree of Master of Science (Engineering) shall be required to be registered as full-time or part-time students of the University and

either (i) to attend to the satisfaction of their head of department such courses of instruction in the University as the Senate, on the recommendation of the appropriate Board of Faculty, may require,

and (ii) if accepted under the provisions of article 28 of the Ordinance, to give evidence, by examination or otherwise, to their head of department not later than the end of the third term of their period of study that their progress has been satisfactory,

or (i) to undertake approved research leading to the presentation of a thesis, as prescribed by the appropriate Board of Faculty and to the satisfaction of their head of department, under the supervision of a member or members of the academic staff in one of the following:

[the list of departments in which a candidate may study for the degree of Master of Science (Engineering) by research may be obtained from the Registrar]

and (ii) to give evidence of satisfactory progress by such means as may be prescribed by their head of department.

21. Applicants for acceptance for the degree under article 30 of the Ordinance must present themselves for interview by the appropriate committee before taking the special preliminary examination; both interview and examination may include questions outside the immediate subject of research which the applicant wishes to investigate.

22. A full-time candidate must devote his whole time during his course to his advanced study or research.

23. Schemes of advanced study for the degree of Master of Science (Engineering) will normally start in October each year, at the beginning of the academic session.*

24. The examination for the degree by advanced study may include, in addition to any written papers, assessment of a dissertation† on a minor research project and, at the discretion of the examiners, an oral examination.

* Details of the scheme approved in each subject and prescribed examinations are given on pages 101–105.

† Candidates are recommended to seek advice from their department as to the number of copies required of any such dissertation, and its format.

25. Except with the special permission of the Faculty Board, every candidate for the degree of Master of Science (Engineering) by advanced study shall be required to present himself for examination for the degree not later than twelve months after the expiry of the period of study recommended in his case.

26. A candidate for the degree by research must not submit as his thesis or part of his thesis work for which another degree or similar qualification has been awarded, or which is under consideration for such an award.

27. Not less than three months before the submission of his thesis, a candidate for the degree by research must make application to the Registrar to be examined. The last date for submission of the thesis shall normally be at the end of the prescribed period of study; in exceptional circumstances this may be extended by not more than three months by prior permission of the Faculty Board. The candidate must submit two copies of the thesis containing a short abstract which should be bound at the front of the thesis. Theses must be bound in the standard form, particulars of which may be obtained from the Registrar. The top copy or a photocopy of the thesis approved for the degree will be retained in the University library; a carbon copy is not acceptable for this purpose. The language of the thesis shall be English.

28. To qualify for the award of the degree of Master of Science (Engineering) by research, the candidate must:

(a) present a thesis on the subject of his research and satisfy his examiners that it is of sufficient merit and that it contains material of a level suitable for publication;

(b) present himself for oral examination (a requirement which may be waived at the discretion of the examiners) and satisfy his examiners therein and/or in such other tests as his examiners may prescribe.

29. The names of candidates who have satisfied the examiners shall be published in alphabetical order. The degree may be awarded with distinction for work of exceptional merit.

30. A candidate who has failed to reach a satisfactory standard in the examination for the degree of Master of Science (Engineering) may be permitted, on the special recommendation of the examiners, to present for re-examination on one occasion only, normally within twelve months of the expiry of the prescribed period of study.

(See also the appropriate section of Ordinance VI on pages 13–14 and the prescribed schemes of study on pages 101–105.)

THE DEGREE OF MASTER OF PHILOSOPHY

The degree of Master of Philosophy is governed by Ordinance X, articles 2 to 13 and relevant regulations which are set out on pages 20–22 and 24–25.

THE DEGREE OF DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is governed by Ordinance X, articles 14 to 21 and relevant regulations which are set out on pages 22–23 and 25–26.

THE DEGREE OF DOCTOR OF SCIENCE

The degree of Doctor of Science is governed by Ordinance V, articles 20 to 21, and relevant regulations which are set out on pages 4 and 8.

THE DEGREE OF DOCTOR OF ENGINEERING

31. Application for the degree of Doctor of Engineering shall be made in writing to the Registrar. It should be accompanied by three copies of the thesis, publications or other documentation submitted in support of the application. Theses not already published must be drawn up in a form suitable for publication. In the case of work submitted under joint authorship or reports of collaborative projects, the applicant must indicate to the satisfaction of the Senate his own share in the joint production. A copy of the thesis or other documentation approved for the degree will be retained in the University library. A candidate must not submit in chief or sole support of his application for the degree a thesis for which a degree has been awarded in this or any other university, or which is under consideration for the award of a degree in another university; but he will not be precluded from submitting in additional support of his application a thesis for which a degree has already been awarded or from incorporating (in whole or in part) such work in the thesis submitted provided he clearly indicates the work thus submitted or incorporated.

The application must be accompanied by the prescribed fee.

DIPLOMAS IN THE FACULTY OF ENGINEERING

32. Candidates accepted for diploma schemes shall be required to:

(a) register as full-time or part-time students of the University;

(b) pursue courses as prescribed in the ensuing section 'Prescribed Schemes of Study for Diplomas';

(c) give satisfactory attendance at all courses which form part of their scheme of study;

(d) present themselves for any departmental examinations that may be required.

33. At the end of the scheme of study candidates shall be required to present themselves for such examination in the main subject of study as may be required. The record of students at departmental examinations may be taken into account in deciding the results of the diploma examinations.

34. The names of candidates who have satisfied the examiners shall be published in alphabetical order. Distinction may be awarded for work of exceptional merit.

35. A candidate who has failed to satisfy the examiners in the diploma examinations may be permitted, on the special recommendation of the examiners, to present himself for re-examination on one occasion only.

36. Some departure from the prescribed courses may be permitted in exceptional cases and students who on entering upon a diploma course produce evidence that they already possess a sufficient knowledge of some part of the required coursework may be excused some attendance. Applications for exemption from attendance should be made to the head of the department concerned, who shall bring them before the appropriate committee.

ORDINANCE X. RESEARCH DEGREES

1. The research degrees shall be:

Master of Laws (LL.M.)
Master of Philosophy (M.Phil.)
Doctor of Philosophy (Ph.D.)

THE DEGREE OF MASTER OF LAWS

The degree of Master of Laws is governed by Ordinance IV, articles 11 to 20, and relevant regulations which are set out in the calendar *Faculty of Law*.

THE DEGREE OF MASTER OF PHILOSOPHY

2. The degree of Master of Philosophy may be conferred on candidates who, having paid the appropriate fee and undertaken research on a subject and under supervision approved by the Senate Research Degrees Committee, present a thesis satisfactory to the Senate and, where the approved work for the degree includes a substantial element of advanced study, satisfy the examiners in the written examinations thereon, subject to the fulfilment of the conditions laid down in the following articles and in the regulations governing the award of the degree (see pages 24–27).

3. Applicants for acceptance as candidates for the degree of Master of Philosophy may be asked to register in the first instance as postgraduate research students* and may, with the approval of the Senate Research Degrees Committee, be accepted as candidates for the degree on the satisfactory completion of at least three months' study after which time the committee may agree to backdate the period of study in an individual case to the date of initial registration as a postgraduate research student.

4. Admission of candidates in the Faculties of Arts, Education and Economic and Social Studies:

Graduates of an approved university or institution, or persons whose qualifications by study in an approved institution have been accepted by the Senate as equivalent to or in lieu of a degree, may be accepted as candidates for the degree of Master of Philosophy provided that, with the approval of the Senate,

(a) applicants who wish to proceed to the degree in a subject not studied as a substantial part of their first degree level work may be required, before acceptance as candidates, to reach a satisfactory standard in a preliminary examination on that subject, and

(b) applicants who have not reached the honours standard in a first degree examination may be required, not less than one year after the date of their acceptance, to pass a qualifying examination in a subject prescribed by the Senate Research Degrees Committee.

* For the purposes of Ordinance X the term 'postgraduate research students' excludes those candidates accepted and registered for any postgraduate degree or diploma governed by any other Ordinance.

5. Admission of candidates in the Faculties of Science, Engineering and Medicine:

The following may be accepted as candidates for the degree of Master of Philosophy:

(a) graduates of an approved university, or

(b) persons who have been awarded an approved diploma in applied science of this University in a subject regarded by the Senate as an appropriate preparation for the proposed research, or

(c) persons whose qualifications by study in an approved institution have been accepted by the Senate as equivalent to or in lieu of a degree.

6. In exceptional circumstances, persons who do not qualify under articles 4 and 5 may be accepted as candidates for the degree if they satisfy the Senate that their educational attainments and experience qualify them to undertake a course of advanced study and research prescribed for the degree of Master of Philosophy. Such candidates (a) must first normally reach a satisfactory standard in a special preliminary examination and (b) thereafter, may proceed to the final year of their prescribed period of study only if they have passed a general examination in the subject of their study.

7. Except as hereinafter provided, the period of study for the degree of Master of Philosophy shall be determined in each case by the Senate Research Degrees Committee but the period of full-time study shall normally be two calendar years from the date of initial registration for the degree and the period of part-time study shall normally be three calendar years from the date of initial registration for the degree.

8. In appropriate cases, the Senate shall be empowered to reduce the period of (a) two calendar years of full-time study or (b) three calendar years of part-time study for the degree of Master of Philosophy when the progress and quality of the candidate's research justify such a reduction, provided that a candidate shall not present himself for examination for the degree before the completion of one calendar year of full-time study or of two calendar years of part-time study.

9. In appropriate circumstances candidates for the degree who are full-time students may undertake a limited amount of research away from the University, either on approved field-work or in approved academic institutions or scientific and industrial establishments, whilst remaining under the direction of the University. Permission to spend up to a total of nine months studying outside the University during the period of study determined under article 7 will be at the discretion of the head of the Department concerned; periods in excess of this must be approved by the Senate Research Degrees Committee.

10. In special circumstances, persons working in approved academic institutions or scientific or industrial establishments will be eligible for acceptance as full-time students under the relevant articles of this Ordinance provided that they are able to devote their whole time to research for the degree, and that they spend one calendar year or such periods as the Senate may prescribe in residence at the University.

11. All candidates accepted to study for the degree on a part-time basis shall have the frequency of their attendance for supervision and the facilities available for their research approved by the Senate.

12. Graduates of the University of Leeds may, with the approval of the head of the Department concerned and of the Senate Research Degrees Committee, present themselves for the examination for the degree of Master of Philosophy in an approved subject

without being required to attend the University, or to study under the supervision of a member of staff, or to pay fees other than the examination fee. Such candidates are, however, required to consult fully with the appropriate head of department on their subject of research and programme of work and to keep their department informed of the progress of their studies.

13. A candidate for the degree of Doctor of Philosophy who has not been successful in his submission for that degree, may, with the approval of the Senate and on the recommendation of the head of the appropriate department, present his doctoral thesis, in revised form if necessary, for the degree of Master of Philosophy. Such candidates will not be required to pay fees other than an examination fee.

(See also the regulations on pages 24–25.)

THE DEGREE OF DOCTOR OF PHILOSOPHY

14. The degree of Doctor of Philosophy may be conferred on the following persons who, having paid the appropriate fee and undertaken research on a subject and under supervision approved by the Senate Research Degrees Committee, present a thesis satisfactory to the Senate and, where the approved work for the degree includes a substantial element of advanced study, satisfy the examiners in the written examination thereon, subject to the fulfilment of the conditions laid down in the following articles and in the regulations governing the award of the degree (see pages 25–27):

(a) registered graduates of an approved university, or

(b) holders of a recognized degree awarded as a result of study at an approved institution other than a university, or of any other qualification approved for this purpose by the Senate, provided that the course of study in the subject for which the qualification has been awarded has extended over not less than three years of full-time study and is acceptable to the Senate as being an adequate preparation for the research proposed, or

(c) in exceptional circumstances, holders of a diploma of the University of Leeds, provided that the Senate is satisfied regarding the course of study towards such a diploma and the standard attained by the candidate in the examination for the diploma.

15. Normally candidates wishing to proceed to the degree of Doctor of Philosophy under the provisions of article 14 will, in the first instance, either be required to apply for acceptance as provisional Ph.D. candidates or be asked to register as postgraduate research students*, and may, with the approval of the Senate Research Degrees Committee, be accepted as candidates for the degree of Doctor of Philosophy on their completion to the satisfaction of the head of the Department concerned of a period of study not normally in excess of twelve months. The Senate may waive this requirement in the case of:

(a) persons already holding a higher degree of an approved university or institution awarded on completion of a course of advanced study or research which provides evidence of aptitude for research at doctoral level, or

* For the purposes of Ordinance X the term 'postgraduate research students' excludes those candidates accepted and registered for any postgraduate degree or diploma governed by any other Ordinance.

(b) persons whose academic qualifications reach the required standard and who have, in addition, industrial or other experience of special relevance to their proposed subject of research and who are recommended by the head of department concerned on these grounds.

16. A candidate applying for acceptance for the degree under the provisions of paragraphs (b) and (c) of article 14 above may be required to present to the Senate evidence of a satisfactory general education or, in the absence of such evidence, may be required to pass an examination to be prescribed in each case by the Senate before his acceptance.

17. Except as hereinafter provided, all full-time candidates for the degree of Doctor of Philosophy are required to pursue approved full-time study and research in residence in the University under such supervision and direction as may be prescribed, for a period which shall be determined in each case by the Senate Research Degrees Committee but which shall normally be three calendar years from the date of initial registration for the degree.

18. In appropriate circumstances candidates for the degree who are full-time students may undertake a limited amount of research away from the University, either on approved field-work or in approved academic institutions or scientific and industrial establishments, whilst remaining under the direction of the University. Permission to spend up to a total of nine months studying outside the University during the period of study determined under article 17 will be at the discretion of the head of the Department concerned; periods in excess of this must be approved by the Senate Research Degrees Committee.

19. In special circumstances, persons working in approved academic institutions or scientific or industrial establishments will be eligible for acceptance as full-time students under the relevant articles of this Ordinance provided that they are able to devote their whole time to research for the degree and that they spend one calendar year or such periods as the Senate may prescribe in residence at the University.

20. The Senate shall be empowered to reduce, in appropriate cases, the period of three calendar years of full-time study for the degree of Doctor of Philosophy when the progress and quality of the candidate's research justify such a reduction, provided that no candidate may have the degree conferred upon him before the completion of a total of two calendar years of full-time study.

21. Persons qualified under article 14 may be accepted for part-time study for the degree of Doctor of Philosophy provided that the Senate is satisfied with the frequency of their attendance for supervision and the facilities available for their research. The periods of study of such part-time candidates shall be determined in each case by the Senate Research Degrees Committee but shall normally be four calendar years. In appropriate cases, the Senate shall be empowered to reduce this period when the progress and quality of the candidate's research justify such a reduction, provided that no candidate present himself for examination for the degree before the completion of three calendar years of part-time study.

(See also the regulations on pages 25–27.)

Regulations. Research Degrees

THE DEGREE OF MASTER OF PHILOSOPHY

1. All candidates for the degree of Master of Philosophy, except those accepted under the provisions of article 12 of Ordinance X, must:

(a) register as students of the University and pay the prescribed fees for tuition

(b) undertake an approved course of advanced study and research, as prescribed by the Senate Research Degrees Committee, under the supervision of a member of staff of the department concerned

(c) give evidence of satisfactory progress by such means as may be prescribed by heads of departments.

2. Persons who are not graduates applying for acceptance for the degree under article 6 must present themselves for interview by the Senate Research Degrees Committee before taking the special preliminary examination; this may include questions outside the subject in which the candidate wishes to proceed.

3. Subject to the provisions of articles 9 and 10 of Ordinance X, a full-time candidate must devote his whole time during his course to his advanced study and research in the University but, in exceptional circumstances, the Senate Research Degrees Committee is prepared to allow the candidate to undertake a limited amount of other work which, in its judgement, would not interfere with his course of study.

4. Candidates accepted for part-time study in the Faculties of Science, Engineering and Medicine, in accordance with articles 7 and 11, shall normally be members of the full-time staff of a teaching, scientific or industrial establishment where the appropriate research facilities are available and shall undertake research both at their place of work and in the University under the supervision of a member of the staff of the University.

5. A graduate of the University accepted as a candidate for the degree of Master of Philosophy under the provisions of article 12 of Ordinance X shall apply to the Senate Research Degrees Committee for the approval of his subject of research at least two academic years before the date on which he proposes to submit his thesis and may not submit his thesis for examination later than the end of the fifth year after the Committee's approval is granted.

6. Except with the special permission of the Senate Research Degrees Committee, no candidate may submit his thesis for examination for the degree of Master of Philosophy later than the end of the third year after his entry upon the approved course of full-time study and research or later than the end of the fifth year after his entry upon the approved course of part-time study and research.

7. Candidates who have completed their required period of study for the degree, but who have not yet completed the requirements for the award of the degree, are required whilst their candidatures continue to:

(a) register as students of the University and

(b) pay fees either at the full-time or part-time rate as is deemed appropriate by the head of the department concerned.

Such candidates may be permitted, at the discretion of the head of department concerned, to pay the specially reduced continuation/writing up fee.

8. A candidate must not submit as his thesis one for which another degree or similar qualification has been awarded, or which is under consideration for such an award; but he will not be precluded from incorporating in his thesis any part of such work provided that he states his wish to do so at the time of his application for acceptance as a candidate and in the thesis itself indicates the part of the work so incorporated.

9. Not less than three months before the submission of his thesis, the candidate must make application to the Registrar to be examined. The candidate must submit two copies of a thesis containing a short abstract which should be bound at the front of the thesis. Theses must be bound in the standard form, particulars of which may be obtained from the Registrar. A copy of a thesis submitted for examination will be retained by the University on completion of the examination, and a copy of any thesis approved for the degree will be retained in the University library; a carbon copy will not be acceptable for this purpose.

10. To qualify for the award of the degree of Master of Philosophy, the candidate must:

(a) present a thesis on the subject of his advanced study and research and satisfy his examiners that it includes an independent contribution to knowledge and scholarship, contains material at a level suitable for publication and is of sufficient merit to qualify for the award of the degree of Master of Philosophy

(b) present himself for an oral examination and satisfy his examiners therein and in such other tests as his examiners may prescribe

(c) perform satisfactorily in any written examinations that may be prescribed in the scheme of examination.

11. The degree of Master of Philosophy may be awarded with distinction for work of exceptional merit.

THE DEGREE OF DOCTOR OF PHILOSOPHY

12. Before entering on the course of advanced study and research for the degree of Doctor of Philosophy, a candidate must submit to the Senate Research Degrees Committee for its approval his proposed course of advanced study and research and thereafter must:

(a) register as a student of the University and pay the prescribed fees for tuition

(b) undertake the approved course of advanced study and research under the supervision of a member of staff of the department concerned

(c) give evidence of satisfactory progress by such means as the head of department may prescribe.

13. Subject to the provisions of articles 18 and 19 of Ordinance X, a full-time candidate must devote his whole time during his course to his advanced study and research in the University but in exceptional circumstances the Senate Research Degrees Committee is

prepared to allow the candidate to undertake a limited amount of other work which, in its judgement, would not interfere with his course of study.

14. Except with the special permission of the Senate Research Degrees Committee, no candidate may submit his thesis for examination for the degree of Doctor of Philosophy later than the end of the fourth year after his entry upon the approved course of full-time study and research or later than the end of the sixth year after his entry upon the approved course of part-time study and research.

15. Candidates who have completed their required period of study for the degree, but who have not yet completed the requirements for the award of the degree, are required whilst their candidatures continue to:

(a) register as students of the University and

(b) pay fees either at the full-time or part-time rate as is deemed appropriate by the head of the department concerned.

Such candidates may be permitted, at the discretion of the head of department concerned, to pay the specially reduced continuation/writing up fee.

16. A candidate must not submit as his thesis one for which another degree or similar qualification has been awarded, or which is under consideration for such an award; but he will not be precluded from incorporating in his thesis any part of such work provided that he states his wish to do so at the time of his application for acceptance as a candidate and in the thesis itself indicates the part of the work so incorporated.

17. Not less than three months before the submission of his thesis, the candidate must make application to the Registrar to be examined. The candidate must submit two copies of a thesis containing a short abstract which should be bound at the front of the thesis. Theses must be bound in the standard form, particulars of which may be obtained from the Registrar. A copy of a thesis submitted for examination will be retained by the University on completion of the examination, and the copy of any thesis approved for the degree will be retained in the University library; a carbon copy will not be acceptable for this purpose.

18. To qualify for the award of the degree of Doctor of Philosophy the candidate must:

(a) present a thesis on the subject of his advanced study and research, and satisfy the examiners that it contains evidence of originality and independent critical ability and matter suitable for publication, and that it is of a sufficient merit to qualify for the degree of Doctor of Philosophy

(b) present himself for an oral examination and satisfy his examiners therein and in such other tests as his examiners may prescribe.

SCHEME OF CO-OPERATION FOR POSTGRADUATE STUDY BETWEEN THE UNIVERSITY OF LEEDS AND WIRA (formerly the Wool Industries Research Association)

Duly qualified graduates in science or technology may fulfil the requirements of the Ordinance and regulations governing the degrees of Master of Philosophy (see pages 20–22 and 24–25) and Doctor of Philosophy (see pages 22–23 and 25–26) of the University and may proceed to either degree after carrying out research at Wira, Leeds LS16 6QL under the Director of Wira.

Graduates of universities other than Leeds, and Leeds graduates without satisfactory previous training in textile industries who wish to avail themselves of these facilities, must attend approved courses in the Department of Textile Industries for at least one year, normally *before* they begin work at Wira. In exceptional circumstances and with the approval of the Senate the fulfilment of this requirement may be concurrent with the period at Wira.

Students reading for higher degrees under the scheme will be, throughout, under the immediate and direct control of the Director of Wira who must be approved by the University for this purpose, but periodical discussion of the work will take place between the Director and the head of the Department of Textile Industries. For the purposes of the scheme, the Director has been appointed an honorary member of the staff of the Department of Textile Industries, with the title of Director of Research Students at Wira. All students proceeding to degrees through research carried out at Wira must be duly registered students of the University and, as such, will be subject to its discipline. They will be required to pay such fees for tuition as the University Council may determine and on payment of the appropriate additional fees they shall be entitled to all student facilities, for example, University Union membership, library, residence, health service, careers service.

Schemes of Study for Degrees and Diplomas in the Faculties of Science and Engineering

SCHEMES OF STUDY FOR THE DEGREE OF BACHELOR OF SCIENCE OR BACHELOR OF ENGINEERING

1. *Schemes of Study in One Main Subject in the Faculty of Science leading to the degree of B.Sc.*

Candidates may be admitted direct to honours degree schemes in the following main subjects; direct entry to ordinary degree schemes is also available where indicated.

Agricultural Chemistry
Agricultural Science (Animal Science)
Agricultural Science (Crops)
Agricultural Zoology
Animal Nutrition and Physiology
Biochemistry
Biotechnology
Chemical Sciences
Chemistry
Colour Chemistry (also ordinary degree)
Computer Science
Data Processing
Ecology
Food Science (also ordinary degree)
Genetics
Geography
Geological Sciences
Mathematics (also ordinary degree)
Microbiology
Molecular Biophysics
Operational Research with Computing
Pharmacology
Physics
Physics with Astrophysics
Physics with Electronics and Instrumentation
Physiology
Plant Biology
Psychology
Zoology

One-year and two-year schemes of study leading to the degree of B.Sc. in Anatomy are available for medical and dental students. There are one-year intercalated schemes of study leading to the degree for B.Sc. for medical students in Biochemistry in relation to medicine, Chemical Pathology, Genetics in relation to medicine, Medical Microbiology, Pharmacology, Physiology, and Psychology in relation to medicine and for medical and dental students in Pathology.

2. *Schemes of Study in One Main Subject in the Faculty of Engineering leading to the degree of B.Sc.*

Candidates may be admitted direct to ordinary or honours degree schemes in the following main subjects, unless otherwise indicated:

Fuel and Combustion Science
Textile Chemistry (honours only)
Textile Studies (honours only)

3. *Schemes of Study in One Main Subject in the Faculty of Engineering leading to the degree of B.Eng.*

Candidates may be admitted direct to ordinary or honours degree schemes in the following main subjects, unless otherwise indicated:

Ceramics Science and Engineering
Chemical Engineering
Civil Engineering
Civil Engineering with Architecture
Electrical and Electronic Engineering
Fuel and Energy Engineering
Materials Science and Engineering (honours only)
Mechanical Engineering
Metallurgy
Mineral Engineering
Minerals Surveying (for candidates holding the Higher Diploma in Mining Surveying or Minerals Surveying of the Doncaster Metropolitan Institute of Higher Education)
Mining Engineering (also for candidates holding the Higher National Diploma in Mining of the Doncaster Metropolitan Institute of Higher Education)
Quarry Engineering (for candidates holding the Diploma in Quarrying of the Doncaster Metropolitan Institute of Higher Education)

4. *Schemes of Study in One Main Subject in the Faculty of Engineering leading to the degree of M.Eng.*

Candidates may be admitted direct to degree schemes in the following main subjects:

Architectural Engineering
Chemical Engineering
Civil Engineering
Civil Engineering with Architecture
Electrical and Electronic Engineering
Fuel and Energy Engineering
Mechanical Engineering

5. *Schemes of Study in Two Main Subjects (combined) in the Faculties of Science and Engineering leading to the degree of B.Sc.*

Candidates may be admitted direct to honours degree schemes in the following combinations:

Accounting–Data Processing
Animal and Plant Biology
Biochemistry–Chemistry
Biochemistry–Food Science
Biochemistry–Genetics
Biochemistry–Microbiology
Biochemistry–Pharmacology
Biochemistry–Physiology
Biochemistry–Plant Biology
Biochemistry–Zoology
Biophysics–Computational Science
Biophysics–Genetics
Biophysics–Microbiology
Biophysics–Zoology
Chemistry–Colour Chemistry
Chemistry–Computational Science
Chemistry–Fuel and Combustion Science
Chemistry–Geological Sciences
Chemistry–History of Science or Philosophy
Chemistry–Management Studies
Chemistry–Mathematics
Chemistry–Physics
Computational Science–Economics
Computational Science–Management Studies
Computational Science–Mathematics
Computational Science–Music
Computational Science–Physics
Computational Science–Statistics
Computer Science–Philosophy
Computer Science–Psychology
Economics–Mathematics
Economics–Operational Research
Economics–Statistics
Food Science–Microbiology
Fuel and Energy–Management Studies
Genetics–Microbiology
Genetics–Plant Biology
Genetics–Zoology
Geography–Geology
Geography–Management Studies
Geography–Mathematics
Geophysical Sciences
Management Studies–Mathematics
Management Studies–Operational Research
Mathematics–History of Science or Philosophy
Mathematics–Music
Mathematics–Operational Research
Mathematics–Physics

Mathematics–Statistics
Microbiology–Zoology
Operational Research–Statistics
Pharmacology–Physiology
Physics–History of Science or Philosophy

SCHEMES OF STUDY FOR THE DEGREE OF MASTER OF SCIENCE

Cardiovascular Studies
Clinical Biochemistry
Clinical Psychology
Colour Chemistry
Combustion and Energy
Economic Forecasting
Engineering Ceramics
Engineering Geology
Environmental Pollution Control
Exploration Geophysics
Food Science
Geochemistry
Integrated Design of Chemical Plant
Mathematical Education and Mathematics
Medical Physics
Mining Geostatistics
Physics
Pure Mathematics
Statistics
Steroid Endocrinology
Textile Dyeing and Finishing
Textile Science and Engineering

SCHEME OF STUDY FOR THE DEGREE OF MASTER OF SCIENCE (ENGINEERING)

Civil Engineering in Hot Climates
Construction Engineering
Transport Planning and Engineering
Tribology in Machine Design
Tropical Public Health Engineering

SCHEMES OF STUDY FOR DIPLOMAS

Diploma

Dyeing

Postgraduate diplomas

Applied Geophysics
Chemical Engineering
Clothing Technology
Food Science
History and Philosophy of Science
Fuel and Energy
Metallurgy
Mineral Engineering
Mining Engineering
Psychotherapy
Textile Industries

PRESCRIBED SCHEMES OF STUDY FOR THE DEGREES OF BACHELOR OF SCIENCE, OF BACHELOR OF ENGINEERING, AND OF MASTER OF ENGINEERING

Candidates should note that, in order to qualify for admission to a scheme of study for a first degree in the University, they must satisfy both a *General Requirement* and a *Course Requirement*. For information regarding the *General Requirement* for purposes of matriculation, candidates should write to the Secretary, Joint Matriculation Board, Manchester M15 6EU. The *Course Requirement* is set out at the beginning of each of the entries below for schemes of study in the Faculties of Science and Engineering.

Approved schemes of study under the Ordinance and regulations for the degree of Bachelor of Science in the Faculties of Science and Engineering and for the degrees of Bachelor of Engineering and of Master of Engineering in the Faculty of Engineering are shown below as schemes of study in one main subject by alphabetical order within each Faculty, followed by schemes of study in two main subjects (combined) also by alphabetical order covering both the Faculties.

Schemes of study for the degree of Bachelor of Science or of Bachelor of Engineering normally extend over three years, unless otherwise specified in the entry for an individual scheme. Some candidates may be required to take four years to complete the scheme of study for the honours degree.

Schemes of study for the degree of Master of Engineering normally extend over four years.

The ordinary degree of Bachelor of Science or of Bachelor of Engineering may be awarded to candidates who have satisfactorily pursued for three years a scheme of study approved by the appropriate Faculty Board(s) and which shall include courses specified in the entry of each scheme of study.

Any GCE O-level or GCSE passes required for admission to a scheme of study must be at grade A, B or C.

The selection of alternative courses, where permitted in the scheme of study, shall be made with the approval of the head of the department (for students on single-subject schemes) or the Director of Combined Studies (for students on combined studies schemes) from courses approved by the Boards of the Faculties.

Courses designated Z(A) or Z(B), Y(A) or Y(B), X(A) or X(B), W(A) or W(B), are half-year courses taken for the first half of the session (A) or the second half of the session (B).

Examinations required for individual courses are of three hours' duration unless otherwise specified.

Details of courses specified in the schemes of study are given under the corresponding subject headings in the sections on courses in the Faculties of Science and Engineering, and courses given by other faculties for schemes in science and engineering on pages 197–216.

Enquiries should be addressed to the head of the appropriate department in the case of schemes in one main subject and to the Director of Combined Studies in the case of schemes in two main subjects.

Faculty of Science

All schemes lead to the degree of Bachelor of Science

Agricultural Chemistry (Honours scheme)

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels: chemistry at A level; at least one of physics, mathematics, botany (or biology), geology.

Year 1	*Year 2*	*Year 3*
Agricultural Industry 1Z(B)	Agricultural Chemistry 2H	Agricultural Chemistry 3H
Biochemistry 1Z(B)	Chemistry 2D	
Genetics 1Z(A)	Chemistry 1Y(A) and 2Y(B)	
Either		
Plant Biology 1A		
Ecology 1Z(A)		
or		
Chemistry 1Z(A) and 1Y(B)		
Plant Biology 1Z(A)		

Field-work

Students are encouraged to attend field courses arranged by the Department, to spend at least part of one long vacation working at an approved research organization, and in Years 2 and 3 to attend organized visits to research and other institutes.

ORDINARY DEGREE

Year 1 courses together with Agricultural Chemistry 2H and two other approved courses.

Agricultural Science (Animal Science) (Honours scheme)

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels: chemistry at A level; biology or zoology; any other subject.

Year 1	*Year 2*	*Year 3*
Biochemistry 1A	Agricultural Science 2H(A)	Agricultural Science 3H(A)
Animal Nutrition and Physiology 1Z(A)	Animal Nutrition and Physiology 2H	
Physiology 1Z(B)	Animal Nutrition and Physiology 2B	
Agricultural Biology 1Z(A)		
Agricultural Industry 1Z(B)		

Field-work

Students are required to attend field classes arranged by the Department and in Years 2 and 3 to attend organized visits to research and other institutes. Students are encouraged to spend at least part of one long vacation working at an approved research organization.

Agricultural Science (Crops) (Honours scheme)

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels: chemistry at A level; biology or botany; any other subject.

Year 1	*Year 2*	*Year 3*
Agricultural Biology 1Z(A)	Plant Biology 2B	Agricultural Science 3H(B)
Agricultural Industry 1Z(B) (or other half-year courses)	Agricultural Chemistry 2H	
	Agricultural Science 2H(B)	
Biochemistry 1Z(A) *or* 1Z(B)		
Either		
Plant Biology 1A with either Ecology 1Z(A) or Genetics 1Z(A) (or other half-year course)		
or		
Chemistry 1Z(A) and 1Y(B) with either Plant Biology 1Z(A), Genetics 1Z(B) (or other half-year course)		

Field-work

Students are expected to attend field courses arranged by the Department and to spend part of one long vacation working at an approved research organization and in Years 2 and 3 to attend organized visits to research and other institutes.

ORDINARY DEGREE

Year 1 courses, together with Agricultural Science 2H(B), *either* Plant Biology 2B *or* Agricultural Chemistry 2H, and one other course.

Agricultural Zoology (Honours scheme)

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels: biology or zoology; at least one of chemistry, physics (or physical science), mathematics.

Year 1	*Year 2*	*Year 3*
Zoology 1A	Zoology 2E	Agricultural Zoology 3H
Agricultural Zoology 1Z(A)	Animal Nutrition and Physiology 2B	
Agricultural Biology 1Z(A)		
Agricultural Industry 1Z(B)	Agricultural Zoology 2H	
One other half-year course, normally Biochemistry 1Z(B)		

Field-work

Students are encouraged to spend at least part of one long vacation working at an approved industrial or research organization; in Year 2 students are required to attend field courses arranged by the Department, and organized visits to research, industrial and other organizations.

ORDINARY DEGREE

Year 1 courses together with Agricultural Zoology 2H, Zoology 2E and one other course.

Anatomy (1-year and 2-year honours schemes)

A one-year intercalated scheme for students who have successfully completed the examinations for the first and second medical years and have achieved a good performance in anatomy in the appropriate parts of these examinations. A two-year intercalated scheme for dental students who have completed the second B.Ch.D. examination.

1-YEAR HONOURS SCHEME

Anatomy 3IM

2-YEAR HONOURS SCHEME

Year 1	*Year 2*
Anatomy 2IM	Anatomy 3IM
One other course	

Animal Nutrition and Physiology (Honours scheme)

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels: chemistry; zoology or biology; physics, pure & applied mathematics, pure mathematics or applied mathematics.

Year 1	*Year 2*	*Year 3*
Biochemistry 1A	Animal Nutrition and Physiology 2H	Animal Nutrition and Physiology 3H
Animal Nutrition and Physiology 1Z(A)	Animal Nutrition and Physiology 2B	
Physiology 1Z(B)	Biochemistry 2A	
Agricultural Biology 1Z(A)		
Agricultural Industry 1Z(B)		

Field-work

Students are required to attend field classes arranged by the Department and in Years 2 and 3 to attend organized visits to research and other institutes. Students are encouraged to spend at least part of one long vacation working at an approved research organization.

Biochemistry (Honours scheme)

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels: chemistry at A level; two other science or mathematics-based subjects. Mathematics at GCSE level for those without mathematics or physics A level or AS level.

Year 1	*Year 2*	*Year 3*
Biochemistry 1BI	Biochemistry 2BI	Biochemistry 3BI
Chemistry 1Z(A) and 1Y(B)	Chemistry 2Z(A) and 2Y(B)	
One first-half-year and one second-half-year course from: Genetics 1Z(A) *or* 1Z(B) Microbiology 1Y(A) Physiology 1Z(B)		

Tutorials and essays throughout the course and in Year 3 each student undertakes a short individual practical investigation for one term.

ORDINARY DEGREE

Year 1 courses together with Biochemistry 2BI and Chemistry 2Z(A) and 2Y(B).

BIOCHEMISTRY IN RELATION TO MEDICINE (1-year honours scheme)

A one-year intercalated scheme for students who have successfully completed the examinations for the first and second medical years and have achieved a good performance in biochemistry in the appropriate parts of these examinations.

Biochemistry 3IM

Biotechnology (Honours scheme)

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels: chemistry at A level; two other science or mathematics-based subjects. Mathematics at GCSE level for those without mathematics or physics A level.

Year 1	*Year 2*	*Year 3*
Biochemistry 1A	Biochemistry 2A	Biotechnology 3BL
Chemistry 1Z(A)	Microbiology 2A	
Chemistry 1Y(B)	Genetics 2Z(A)	
Microbiology 1Z(A)	Biotechnology 2Z(B)	
Genetics 1Z(B)		

ORDINARY DEGREE

Year 1 and 2 courses together with completion of a part of the course work for Year 3 to the satisfaction of the examiners.

Chemical Pathology (1-year honours scheme)

A one-year intercalated scheme for students who have successfully completed the examinations for the first and second medical years and have achieved a good performance in the appropriate parts of the course.

Chemical Pathology 3IM

Chemical Sciences (Honours scheme)

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels: chemistry at A level; mathematics or physics at A or AS level. Candidates without mathematics or physics A level must offer a pass in the subject at AS level or GCSE level. Candidates without satisfactory standard in mathematics A-level take Mathematics OCH in Year 1. Other qualifications considered (eg ONC, HNC).

Year 1
Chemical Sciences 1CS
One of:
- Agricultural Chemistry 1CH
- Biochemistry 1A
- Computational Science 1CH
- Economics 1A
- History of Science and Technology 1B
- Management Studies 1CH
- Mathematics 1CH
- Physics 1A
- Statistics 1A
- Other course

Year 2
Chemical Sciences 2CS

Year 3
Chemical Sciences 3CS

ORDINARY DEGREE

Year 1 courses together with Chemical Sciences 2CS.

Chemistry (Honours scheme)

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels: chemistry at A level; mathematics or physics at A or AS level. Candidates without mathematics or physics A level must offer a pass in the subject at AS level or GCSE level. Candidates without satisfactory standard in mathematics A-level may be required to take Mathematics OCH in Year 1. Other qualifications considered (eg ONC, HNC).

Year 1
Chemistry 1CH
One of:
- Agricultural Chemistry 1CH
- Biochemistry 1A
- Computational Science 1CH
- History of Science and Technology 1B
- Management Studies 1CH
- Mathematics 1CH
- Physics 1A
- Statistics 1A
- Other course

Year 2
Chemistry 2CH

Year 3
Chemistry 3CH

ORDINARY DEGREE

Year 1 courses together with Chemistry 2CH.

Colour Chemistry (2 schemes: honours and ordinary)

COURSE REQUIREMENT

Both schemes — normally three A levels, or two A levels with two AS levels: chemistry at A level; normally physics and mathematics.

HONOURS SCHEME

Year 1	*Year 2*	*Year 3*
Colour Chemistry 1H	Colour Chemistry 2H(1)	Colour Chemistry 3H
Chemistry 1D	Colour Chemistry 2H(2)	
Chemistry 1U	*or* Textile Technology 1CC	
	Chemistry 2D	
	Management Studies 1T	

ORDINARY SCHEME

Year 1	*Year 2*	*Year 3*
Colour Chemistry 1H	Colour Chemistry 2P(1)	Colour Chemistry 3P
Chemistry 1D	Colour Chemistry 2P(2)	
Chemistry 1U	*or* Textile Technology 1CC	
	Management Studies 1T	

Computer Science (Honours scheme)

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels, normally including mathematics (as one or two subjects including pure mathematics). Knowledge of physics or computing an advantage.

Year 1	*Year 2*	*Year 3*
Computer Science 1CT	Computer Science 2CT	Computer Science 3CT
	One other course (normally in statistics)	

ORDINARY DEGREE

Year 1 courses together with Computer Science 2CT and one other course.

Data Processing (Honours scheme)

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels: no subjects specified, but account taken of relevance to a scheme developing a logical and quantitative approach. Normally mathematics at GCSE level.

Year 1	*Year 2*	*Year 3*
Data Processing 1CT	Data Processing 2CT	Data Processing 3CT
One other course (normally Management Studies 1CT)	One other course (normally Management Studies 2T)	

ORDINARY DEGREE

Year 1 courses together with Data Processing 2CT and one other course.

Ecology (Honours scheme)

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels: biology (or botany and zoology) and at least one of the following at A level: chemistry, physics, physical science, mathematics, geography. Normally mathematics at GCSE level if not passed at A level.

Year 1	*Year 2*	*Year 3*
Plant Biology 1A	Plant Biology 2A	Ecology 3EY
Zoology 1A	Zoology 2E	
Ecology 1A	Geography 2A *or* one other full year course, or two half-year courses.	

Field-work

Courses in plant biology, zoology, geography and ecology include field-work during term and vacations. In year 2 there is an ecology field course which will be held abroad.

ORDINARY DEGREE

Year 1 courses together with Plant Biology 2A, Zoology 2E and one other course.

Food Science (2 schemes — 4-year honours 3-year ordinary)

COURSE REQUIREMENT

Both schemes — normally three A levels, or two A levels with two AS levels: chemistry at A level; physics or mathematics; mathematics, physics, biology, botany or zoology. Hons candidates normally need high standard A-level in at least one of chemistry, physics, biology, botany or zoology. Nuffield physical science or similar acceptable as alternative for one A-level pass. Candidates who have not passed mathematics or physics at A level will be required to take Mathematics 0A or Physics 0A in Year 1; candidates with neither subject at A level will be required to take both courses in Year 1.

FOUR-YEAR HONOURS SCHEME

Year 1	*Year 2*
Food Science 1F	Food Science 2F
Chemistry 1Z(A) and 2Y(B)	Chemistry 1D
Mathematics 0A	*or* 1Y(A) and 2Y(B)*
or Physics 0A	Microbiology 1Z(A)

* Whichever has not been taken in Year 1.

or Biochemistry 1Z(A) *or* 1Z(B)
with Biophysics 1Z(A) *or* 1Y(B)
or other sessional course
or two half-year courses

Year 3

Food Science 3F
Microbiology 2FS

Year 4

Food Science 4F
Food Science 4F(A) *or* 4F(B)
or Microbiology 3FS

THREE-YEAR ORDINARY SCHEME

(Candidates achieving a high standard at the end of Year 2 may be transferred to the honours scheme.)

Year 1

Food Science 1F
Chemistry 1Z(A) and 2Y(B)
Mathematics 0A
or Physics 0A
or Biochemistry 1Z(A) *or* 1Z(B)
with Biophysics 1Z(A) *or* 1Y(B)
or other sessional course
or two half-year courses

Year 2

Food Science 2F
Chemistry 1D
or 1Y(A) and 2Y(B)*
Microbiology 1Z(A)

Year 3

Food Science 3P
Microbiology 2FS

Industrial visits

Students on both courses are required to take part in a number of industrial visits, arranged by the Department, during vacations.

Genetics (Honours scheme)

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels: *either* chemistry; botany; zoology
or chemistry; biology; other subject.
Chemistry and a biology subject must be at A level.
Mathematics at GCSE level.

Year 1

Genetics 1Z(A) *or* 1Z(B)
The equivalent of one half-year and two sessional courses normally chosen from:
Biochemistry 1A *or* 1Z(A) *or* 1Z(B)
together with selection from:
Plant Biology 1A *or* 1Z(A) *or* 1Y(B)
Biophysics 1A *or* 1Z(A) *or* 1Y(B)
Chemistry 1Z(A) *or* 1Y(B)
Microbiology 1Z(A) *or* 1Y(A)
Zoology 1A

* Whichever has not been taken in Year 1.

Year 2
Genetics 2A
Two of:
- Biochemistry 2A
- Biophysics 2A
- Plant Biology 2A
- Microbiology 2A
- Zoology 2A
- Other course

Year 3
Genetics 3GN

ORDINARY DEGREE

Year 1 courses together with Genetics 2A and two other courses.

GENETICS IN RELATION TO MEDICINE (1-year honours scheme)

A one-year intercalated scheme for students who have successfully completed the examinations for the first and second medical years and have achieved a good all-round performance in these examinations.

Genetics 3IM

Geography (Honours scheme)

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels: geography; normally two of biology, chemistry, mathematics, physics. Mathematics at GCSE level. Closely related A-level subjects such as environmental studies may be substituted for geography. Appropriate combinations of A-level subjects which do not include geography may also be considered.

Year 1
Geography 1GG
Two of:
- Geology 1E
- Chemistry 1D
- Mathematics 1A *or* 1EC
- Physics 1A
- Plant Biology 1A
- Management Studies 1T
- History and Philosophy of Science 1E
- Economics 1B
- Other course

Year 2
Geography 2GG
One other course (normally a level 2 course in the second subject taken in Year 1)

Year 3
Geography 3GG

Field-work

The scheme includes field-work in term and vacation. In addition to local projects, students must attend field training courses in all three years; one course will normally be held abroad.

ORDINARY DEGREE

Year 1 courses together with Geography 2GG and one other course.

Geological Sciences (Honours scheme)

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels including A level passes in at least two of mathematics, chemistry, physics, geology, physical science (not physical science with mathematics or chemistry).

Normally mathematics, physics and chemistry at GCSE level if not passed at A level or AS level.

Year 1	*Year 2*	*Year 3*
Geological Sciences 1A	Geological Sciences 2GS	Geological Sciences 3GS
Two of:		
Physics 1A*		
Chemistry 1D*		
Mathematics 1GS*†		
Statistics 1A†		
Computational Science 1A†		
Mining Engineering 1A		
Zoology 1A		

Field-work

Courses in geological sciences include compulsory field-work during term and vacation.

ORDINARY DEGREE

Year 1 courses together with Geological Sciences 2GS.

Mathematics (Honours scheme)

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels, including mathematics at A level either as a single subject or as one component of mathematics as a double subject.

Year 1	*Year 2*	*Year 3*
Mathematics 1MM	Mathematics 2MM	Mathematics 3MM

Exceptionally a candidate may be required to follow approved courses during a preliminary year, making the scheme of four years' duration.

ORDINARY DEGREE

Mathematics 1P, 2P and 3P taken in successive years; exceptionally a candidate may be required to follow approved courses during a preliminary year, making the scheme of four years' duration.

Alternatively, the ordinary degree may be awarded to candidates who have successfully completed the required courses for Years 1 and 2 of the honours scheme.

* Candidates without a satisfactory standard in these subjects at A-level may substitute Physics 0A, Chemistry 0A and/or Mathematics 0A.

† Mutually exclusive.

Microbiology (Honours scheme)

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels: chemistry at A level; at least one other science subject. Knowledge of mathematics desirable.

Year 1

Biochemistry 1A
Microbiology 1Z(A)
Chemistry 1Z(A)
or other half-year course
Genetics 1Z(B)
Chemistry 1Y(B)
or other half-year course

Year 2

Microbiology 2MY
Biochemistry 2A
Genetics 2Z(A)

Year 3

Microbiology 3MY

ORDINARY DEGREE

Year 1 courses together with Microbiology 2MY and two other courses.

MEDICAL MICROBIOLOGY (1-year honours scheme)

A one-year intercalated scheme for students who have successfully completed the examinations for the first and second medical years and have achieved a good performance in microbiology in the appropriate examinations.

Microbiology 3IM

Molecular Biophysics (4-year honours scheme)

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels: physics at A level; two of mathematics, chemistry, biology. Candidates without chemistry or mathematics A level normally take Chemistry 0A or Mathematics 0A respectively. All candidates normally take Mathematics 1BP *or* 1PX, and Chemistry 1Z(A) and 1Y(B), in Year 1 or Year 2.

Year 1

Molecular Biophysics 1BP
Chemistry 0A
or 1Z(A) and 1Y(B)
Mathematics 0A *or* 1BP
or other sessional course
or two half-year courses
(which may include
Biochemistry 1Z(A))

Year 2

Molecular Biophysics 2BP
Physics 1A
Mathematics 1BP *or* 1PX
or Chemistry 1Z(A) and 1Y(B)
or other sessional course
or two half-year courses

Year 3

Molecular Biophysics 3BP
Physics 2A

Year 4

Molecular Biophysics 4BP

ORDINARY DEGREE (3 years)

The courses prescribed for the first two years of the honours scheme, together with Molecular Biophysics 3BP.

Operational Research with Computing (Honours scheme)

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels, normally including mathematics at A level as one or two subjects. Knowledge of computing, statistics, economics an advantage.

Year 1	*Year 2*	*Year 3*
Operational Research with Computing 1CT	Operational Research with Computing 2CT One other course (normally in statistics if not already studied)	Operational Research with Computing 3CT

ORDINARY DEGREE

Year 1 courses together with Operational Research with Computing 2CT and one other course.

Pathology (1-year honours scheme)

A one-year intercalated scheme for students who have successfully completed the examinations for the first and second medical years, or for the first, second and third dental years, and have achieved a good performance in the appropriate parts of these examinations.

Pathology 3IM

Pharmacology (Honours scheme A)

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels: chemistry at A level; two of physics, zoology (or biology), mathematics. Normally physics, zoology (or biology) and mathematics at GCSE level if not passed at A level or AS level. Reading knowledge of modern languages desirable.

Year 1	*Year 2*	*Year 3*
Pharmacology 1A Physiology 1A Biochemistry 1A	Pharmacology 2PM Physiology 2A	Pharmacology 3PM Research project and dissertation

Tutorial teaching and essay writing included in all three years.

ORDINARY DEGREE

Year 1 courses together with Pharmacology 2PM and Physiology 2A.

PHARMACOLOGY (1-year honours scheme B)

A one-year intercalated scheme for students who have successfully completed the examinations for the first and second medical years and have achieved a good performance in pharmacology in the appropriate parts of these examinations, and for graduates in medicine and surgery of this University. Reading knowledge of modern languages desirable.

Pharmacology 3IM

Physics (Honours scheme)

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels: physics (or physical science, engineering science) and mathematics (including pure & applied if taken as one subject) at A level. Other subject combinations considered.

Year 1	*Year 2*	*Year 3*
Physics 1PX	Physics 2PX	Physics 3PX
Mathematics 1PX	Mathematics 2PX	
One other course		

ORDINARY DEGREE

Year 1 courses together with Physics 2PX *or* 2AP *or* 2P, and Mathematics 2PX.

Physics with Astrophysics (Honours scheme)

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels: physics (or physical science, engineering science) and mathematics (including pure & applied if taken as one subject) at A level. Other subject combinations considered.

Year 1	*Year 2*	*Year 3*
Physics 1PX	Physics 2AP	Physics 3AP
Mathematics 1PX	Mathematics 2PX	
Physics 1D		

ORDINARY DEGREE

As Physics.

Physics with Electronics and Instrumentation (Honours scheme)

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels: physics (or physical science, engineering science) and mathematics (including pure & applied if taken as one subject) at A level. Other subject combinations considered.

Year 1	*Year 2*	*Year 3*
Physics 1PX	Physics 2PL	Physics 3PL
Mathematics 1PX	Mathematics 2PX	
Physics 1E		

ORDINARY DEGREE

As Physics.

Physiology

(Honours scheme A)

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels: chemistry at A level; physics or mathematics; zoology, biology or mathematics.

Year 1	*Year 2*	*Year 3*
Physiology 1PY	Physiology 2PY	Physiology 3PY*
Combination, amounting to the equivalent of two whole-year courses, from:	Biochemistry 2A *or* Pharmacology 2A *or* other course	
Biochemistry 1A *or* 1Z(B)		
Pharmacology 1A		
Biophysics 1A *or* 1Y(B)		
Chemistry 1Z(A)		
Zoology 1A		
Other course		

ORDINARY DEGREE

Year 1 courses together with Physiology 2PY and one other course.

PHYSIOLOGY

(1-year honours scheme B)

A one-year intercalated scheme for students who have successfully completed the examinations for the first and second medical years and have achieved a good performance in the appropriate parts of these examinations.

Physiology 3PY*

Plant Biology

(Honours scheme)

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels:
either: chemistry; biology; mathematics, physics, geography or another subject t
or: chemistry: botany; zoology.
Chemistry and one biological pass must be at A level.

Year 1	*Year 2*	*Year 3*
Plant Biology 1A	Plant Biology 2PB	Plant Biology 3PB
Equivalent of two sessional courses, normally a selection from:	One other course	
Agricultural Industry 1Z(B)		
Biochemistry 1Z(A)		
Ecology 1A		
Genetics 1Z(B)		
Zoology 1A		
Other course		

* Physiology 3PY may include one week of field-work in human physiology, usually during a vacation, depending upon the option chosen.

Field-work

Students are expected to attend field courses and organized visits to research and other institutes as arranged by the Department during term and vacation; one field course may be held abroad. Students will be encouraged to spend part of one long vacation working at an approved research organization.

ORDINARY DEGREE

Year 1 and Year 2 courses.

Psychology (Honours scheme)

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels: in science-based or arts-based subjects. Candidates with arts-based A-levels take both Year 1 subsidiary courses in science subjects. Mathematics at GCSE level if not offered at A level.

Year 1
(science A-levels)

Psychology 1PS
A 1A course in biological or physical science or mathematical subject
History and Philosophy of Science 1PS

Year 1
(arts A-levels)

Psychology 1PS
History of Philosophy of Science 1PS
Sessional course (or equivalent) in biological or physical science or mathematical subject (may be at 0A level)

Year 2
Psychology 2PS
Anatomy 1PS (neuroanatomy)

Year 3
Psychology 3PS

Students normally required to attend for a fortnight at an outside institution of research or professional application during their scheme of study.

ORDINARY DEGREE

Year 1 courses together with Psychology 2PS and Anatomy 1PS.

PSYCHOLOGY IN RELATION TO MEDICINE (1 calendar year honours scheme)

A one-year intercalated scheme for students who have successfully completed the examinations for the first and second medical years and have achieved a good performance in the appropriate parts of these examinations.

Psychology 3IM

Zoology (Honours scheme)

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels: biology or zoology and at least one of chemistry, physics (or physical science), mathematics at A level. Some candidates may be required to follow a four-year scheme; approved courses in the preliminary year will normally include Chemistry 0A.

Year 1	*Year 2*	*Year 3*
Zoology 1A	Zoology 2ZO	Zoology 3ZO
Ecology 1A *or* Ecology 1Z(A) or 1Y(B) together with another half-year course *or* Biochemistry 1A *or* another sessional or two half-year courses	The equivalent of one other sessional course, normally to include Ecology 1Y(B) if not taken in Year 1	
One other sessional or two half-year courses		

Field-work

Courses in zoology include whole-day and half-day excursions arranged during term and three field courses (including marine zoology and terrestrial ecology) in term or vacation. One field course may be held abroad.

ORDINARY DEGREE

Year 1 courses together with Zoology 2ZO and one other course.

Faculty of Engineering

Schemes lead to the degree of Bachelor of Science, Bachelor of Engineering, or Master of Engineering, as specified in each case.

Where an M.Eng. scheme and B.Eng. honours scheme are available in the same subject, the first two years will be common to both. At the end of Year 2 the examiners will recommend, on the basis of both academic achievement and an interview to assess personal qualities, whether a student proceeds on the three-year scheme or the four-year scheme.

Architectural Engineering

(1 scheme: 4 years (for M.Eng.) including a year spent at Pennsylvania State University)

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels; including mathematics (pure & applied) at A level. Combination of arts and science passes acceptable.

Year 1
Civil Engineering 1EN
Mathematics 1CV

Year 2
Civil Engineering 2EN

Year 3
(At Pennsylvania State University)
Architectural Engineering 3CV

Year 4
Architectural Engineering 4EN

Site Visits

The scheme of study requires students to take part in site visits and field courses as arranged by the Department.

Ceramics Science and Engineering

(2 schemes: honours and ordinary for B.Eng.)

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels; mathematics and physics at A level. Chemistry at GCSE level if not passed at A level or AS level.

ONC, OND, HNC, HND, BTEC considered for both schemes.

HONOURS B.ENG. SCHEME

Year 1
Materials Science 1T
Mathematics 1MS(1)
Physics 1MS

Year 2
Ceramics 2H
Mathematics 1MS(2)
Engineering 1CR
Fuel and Combustion Science 1CR

Year 3
Ceramics 3H

ORDINARY B.ENG. SCHEME

Year 1	*Year 2*	*Year 3*
Ceramics 1P	Ceramics 2P	Ceramics 3P
One of:	Mathematics 1MS(1)*	
Mathematics 0A	Physics 1MS*	
Physics 0A	Engineering 1CR	
Chemistry 0A	Fuel and Combustion Science 1CR	

Vacation work and industrial visits

Students are encouraged to engage in approved vacation work for approximately six weeks in long vacations and required to take part in industrial tours arranged by the Department for up to one week in each of two Easter vacations.

Chemical Engineering

(3 schemes: 4 years (for M.Eng)
3-year honours (for B.Eng.)
3-year ordinary (for B.Eng.))

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels. Mathematics, physics and chemistry preferred.

FOUR-YEAR M.ENG. SCHEME/THREE-YEAR HONOURS B.ENG. SCHEME

Year 1	*Year 2*
Chemical Engineering 1EN	Chemical Engineering 2EN(A)† *or* 2EN(B)†
Chemistry 1T†	Management Studies 1T
Mathematics 1CE†	

FOUR-YEAR M.ENG. SCHEME

Year 3	*Year 4*
Chemical Engineering 3EN(1A)‡ *or* 3EN(1B)‡	Chemical Engineering 4EN
Chemical Engineering 3EN(2)§ *or* Management Studies 2CE§	

THREE-YEAR HONOURS B.ENG. SCHEME

Year 3

Chemical Engineering 3H(A)¶ *or* 3H(B)¶

* One of these courses normally brought forward into Year 1.

† Candidates with either an A-level in a subject other than chemistry or mathematics or physics or their equivalents, or alternatively the special permission of the head of the Department, may take either Chemistry 0A or Mathematics 0A or Physics 0A in Year 1 and defer Chemistry 1T or Mathematics 1CE to Year 2, and may take Chemical Engineering 2EN(B) in Year 2 of the M.Eng. scheme or Chemical Engineering 2H(B) in Year 2 of the Honours B.Eng scheme. Otherwise Chemical Engineering 2EN(A) must be taken in Year 2 of the M.Eng. scheme, and Chemical Engineering 2H(A) in Year 2 of the Honours B.Eng. scheme.

‡ Those who have taken Chemical Engineering 2EN(A) must take 3EN(1A), those who have taken 2EN(B) must take 3EN(1B).

§ Students may take both courses.

¶ Those who have taken Chemical Engineering 2H(A) must take 3H(A), those who have taken 2H(B) must take 3H(B).

THREE-YEAR ORDINARY B.ENG. SCHEME

Year 1	*Year 2*	*Year 3*
Chemical Engineering 1EN Chemistry 1T *or* Mathematics 1CE	Chemical Engineering 2H(A) *or* 2H(B) Chemistry 1T *or* Mathematics 1CE (whichever is not taken in Year 1)	Chemical Engineering 3P(A)* *or* 3P(B)*

Vacation work

Students are normally required to engage in approved vacation work for at least six weeks in each long vacation.

Civil Engineering

(3 schemes: 4 years (for M.Eng.)
3-year honours (for B.Eng.)
3-year ordinary (for B.Eng.))

COURSE REQUIREMENT

All schemes — normally three A levels, or two A levels with two AS levels; including mathematics (pure & applied) at A level.

FOUR-YEAR M.ENG SCHEME/THREE-YEAR HONOURS B.ENG. SCHEME

Year 1	*Year 2*
Civil Engineering 1EN Mathematics 1CV	Civil Engineering 2EN

FOUR-YEAR M.ENG. SCHEME

Year 3	*Year 4*
Civil Engineering 3EN	Civil Engineering 4EN

THREE-YEAR HONOURS B.ENG. SCHEME

Year 3
Civil Engineering 3H

THREE-YEAR ORDINARY B.ENG. SCHEME

Year 1	*Year 2*	*Year 3*
Civil Engineering 1EN Mathematics 1CV	Civil Engineering 2P	Civil Engineering 3P

Site Visits

All three schemes of study require students to take part in site visits and field courses as arranged by the Department.

* Those who have taken Chemical Engineering 2H(A) must take 3P(A), those who have taken 2H(B) must take 3P(B).

Civil Engineering with Architecture

(3 schemes:
4 years (for M.Eng.)
3-year honours (for B.Eng.)
3-year ordinary (for B.Eng.))

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels; including mathematics (pure & applied) at A level. Combination of arts and science passes acceptable.

FOUR-YEAR M.ENG. SCHEME/THREE-YEAR HONOURS B.ENG. SCHEME

Year 1

Civil Engineering 1EN
Mathematics 1CV

Year 2

Civil Engineering 2EN

FOUR-YEAR M.ENG. SCHEME

Year 3

Civil Engineering
with Architecture 3EN

Year 4

Civil Engineering
with Architecture 4EN

THREE-YEAR HONOURS B.ENG. SCHEME

Year 3

Civil Engineering with
Architecture 3H

THREE-YEAR ORDINARY B.ENG. SCHEME

Year 1

Civil Engineering 1EN
Mathematics 1CV

Year 2

Civil Engineering with
Architecture 2P

Year 3

Civil Engineering with
Architecture 3P

Site Visits

All three schemes require students to take part in site visits and field courses as arranged by the Department.

Electrical and Electronic Engineering

(3 schemes:
4 years (for M.Eng.)
3-year honours (for B.Eng.)
3-year ordinary (for B.Eng.))

COURSE REQUIREMENT

All schemes normally require three A levels, or two A levels with two AS levels including mathematics and physics at A level.

FOUR-YEAR M.ENG. SCHEME/THREE-YEAR HONOURS B.ENG. SCHEME

Year 1

Electrical and Electronic
Engineering 1EN
Mathematics =1EE

Year 2

Electrical and Electronic
Engineering 2EN

FOUR-YEAR M.ENG. SCHEME

Year 3
Electrical and Electronic Engineering 3EN

Year 4
Electrical and Electronic Engineering 4EN

THREE-YEAR HONOURS B.ENG. SCHEME

Year 3
Electrical and Electronic Engineering 3H

THREE-YEAR ORDINARY B.ENG. SCHEME

Year 1
Electrical and Electronic Engineering 1P
Mathematics =1EE

Year 2
Electrical and Electronic Engineering 2P

Year 3
Electrical and Electronic Engineering 3P

Fuel and Combustion Science (2 schemes: honours and ordinary (for B.Sc.))

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels: chemistry or mathematics at A level, the other at least at AS level, together with at least one other science subject.
ONC, OND, HNC, HND, or other qualifications considered for both schemes.

HONOURS B.SC. SCHEME

Year 1
Fuel and Combustion Science 1H
Mathematics 1FU
Chemistry 1T
Engineering 1FE

Year 2
Fuel and Combustion Science 2H
Chemistry 1FU

Year 3
Fuel and Combustion Science 3H

ORDINARY B.SC. SCHEME

Year 1
Fuel and Combustion Science 1H
Normally two of:
Mathematics 0A
Chemistry 0A
Physics 0A

Year 2
Fuel and Combustion Science 2P
Chemistry 1T
Engineering 1FE

Year 3
Fuel and Combustion Science 3P

Vacation work and industrial visits

Students are normally expected to engage in approved vacation work for approximately six weeks during each long vacation, and normally required to take part in visits to appropriate industrial establishments arranged by the Department.

Fuel and Energy Engineering

(3 schemes: 4 years (for M.Eng.)
3-year honours (for B.Eng.)
3-year ordinary (for B.Eng.))

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels: chemistry or mathematics at A level, the other at least at AS level, together with at least one other science subject.
ONC, OND, HNC, HND, TEC, or other qualifications considered for all schemes.

FOUR-YEAR M.ENG. SCHEME/THREE-YEAR HONOURS B.ENG. SCHEME

Year 1

Fuel and Energy Engineering 1EN
Mathematics 1FE
Chemistry 1T
Engineering 1FE

Year 2

Fuel and Energy Engineering 2EN
Mathematical methods in energy engineering 1

FOUR-YEAR M.ENG. SCHEME

Year 3

Fuel and Energy Engineering 3EN
Mathematical methods in energy engineering 2

Year 4

Fuel and Energy Engineering 4EN

THREE-YEAR HONOURS B.ENG. SCHEME

Year 3

Fuel and Energy Engineering 3H

THREE-YEAR ORDINARY B.ENG. SCHEME

Year 1

Fuel and Combustion Science 1H
Normally two of:
Mathematics 0A
Chemistry 0A
Physics 0A

Year 2

Fuel and Energy Engineering 2P
Mathematics 1FE
Engineering 1FE

Year 3

Fuel and Energy Engineering 3P

Vacation work and industrial visits

Students are normally expected to engage in approved vacation work for approximately six weeks during each long vacation, and normally required to take part in visits to appropriate industrial establishments arranged by the Department.

Materials Science and Engineering

(Honours scheme (for B.Eng.))

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels: mathematics (preferably pure & applied) and physics at A level. Chemistry at GCSE level if not offered at A level or AS level. ONC, OND, HNC, HND, BTEC considered.

Year 1

Materials Science 1T
Mathematics 1MS(1)
Physics 1MS

Year 2

Materials Science 2H
Mathematics 1MS(2)
Mechanical Engineering 1MS

Year 3

Materials Science 3H

ORDINARY DEGREE

(Students not normally admitted in either Year 1 or 2.)

Year 1	*Year 2*	*Year 3*
Materials Science 1T	Materials Science 2H*	Materials Science 3P
Mathematics 1MS(1)*	Mathematics 1MS(2)*	
Physics 1MS	Mechanical Engineering 1MS	

Vacation work and industrial visits

Students are normally expected to engage in approved vacation work for at least six weeks in each long vacation, and normally required to take part in visits to appropriate industrial establishments arranged by the Departments.

Mechanical Engineering

(3 schemes: 4 years (for M.Eng.)
3-year honours (for B.Eng.)
3-year ordinary (for B.Eng.))

COURSE REQUIREMENT

Entry to all schemes normally requires a minimum of three A levels, or two A levels with two AS levels: mathematics and physics at A level. Other qualifications may be considered.

FOUR-YEAR M.ENG. SCHEME/THREE-YEAR HONOURS B.ENG. SCHEME

Year 1	*Year 2*
Mechanical Engineering 1EN	Mechanical Engineering 2EN
Mathematics 1ME	

FOUR-YEAR M.ENG. SCHEME

Year 3	*Year 4*
Mechanical Engineering 3EN(1)	Mechanical Engineering 4EN(1)
Mechanical Engineering 3EN(2)	Mechanical Engineering 4EN(2)

THREE-YEAR HONOURS B.ENG. SCHEME

Year 3

Mechanical Engineering 3H

THREE-YEAR ORDINARY B.ENG. SCHEME

Year 1	*Year 2*	*Year 3*
Mechanical Engineering 1P	Mechanical Engineering 2P	Mechanical Engineering 3P
Mathematics 0A *or* other course	Mathematics 1ME†	

* Candidates may be awarded the ordinary degree having satisfied the examiners in either Mathematics 1MS(1) *or* 1MS(2) and having reached an acceptable standard in Materials Science 2H.

† Candidates who have not satisfied the examiners in Mathematics 1ME may be awarded the ordinary degree if they have reached a satisfactory standard in the course.

Vacation work and industrial visits

Students are normally required to engage in approved vacation work for at least six weeks in each long vacation and to take part in visits to appropriate industrial establishments as arranged by the Department.

Metallurgy (2 schemes: honours and ordinary (for B.Eng.))

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels: including mathematics and physics at A level. GCSE level pass in chemistry required if not passed at A level or AS level.
BTEC qualifications considered for both schemes.

HONOURS B.ENG. SCHEME

Year 1	*Year 2*	*Year 3*
Materials Science 1T	Metallurgy 2H	Metallurgy 3H
Mathematics 1MS(1)	Mathematics 1MS(2)	Chemical Engineering 2MT
Physics 1MS	Chemical Engineering 1MT	
	Engineering 1MT	

ORDINARY B.ENG. SCHEME

Year 1	*Year 2*	*Year 3*
Metallurgy 1P	Metallurgy 2P	Metallurgy 3P
One of:	Mathematics 1MS(1)*	
Mathematics 0A	*or* Management Studies 1T	
Physics 0A	Physics 1MS*	
Chemistry 0A	Chemical Engineering 1MT	
	Engineering 1MT	

Vacation work and industrial visits

Students are normally expected to engage in approved vacation work for at least six weeks during each long vacation, and are normally required to take part in visits to appropriate industrial establishments as arranged by the Department.

Mineral Engineering (2 schemes: honours and ordinary (for B.Eng.))

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels: normally chemistry and mathematics (including pure & applied as one or two subjects) at A level, with physics, geology, biology or geography. Candidates without chemistry but with a high A level grade in geology may be considered.

Candidates without appropriate A level passes may be admitted to a preliminary conversion year.

Chemistry and mathematics at GCSE level for both schemes. ONC, HNC considered.

* One course normally brought forward into Year 1.

HONOURS B.ENG. SCHEME

Year 1
Mineral Engineering 1H
Metallurgy 1MP
Geology 1C *or* 2MP‡ *or*
  Chemistry 0A§
  or other course*
Physics 0A *or*
  Mathematics 0A
  or 1MP†
Engineering 1MP

Year 2
Mineral Engineering 2H
Mathematics 1MP*†
Geology 2MP*
Statistics 1Z
Chemical Engineering 1MP

Year 3
Mineral Engineering 3H

ORDINARY B.ENG. SCHEME

Year 1
Mineral Engineering 1P
Geology 1C
Metallurgy 1MP
One of:
  Mathematics 0A
  Chemistry 0A
  Physics 0A
  Engineering 1MP

Year 2
Mineral Engineering 2P
Geology 2MP
  or Engineering 1V
  or Mathematics 1MP
  or Mineral Chemistry 1
Chemical Engineering 1MP
One of:
  Statistics 1Z†
  Fuel and Combustion
    Science 1CR
  Other course

Year 3
Mineral Engineering 3P

Vacation work and industrial visits

Students are expected to engage in approved vacation work for at least six weeks, and to take part in industrial tours and field-work (which may be held abroad), as arranged by the Department.

Minerals Surveying (1 scheme: 2-year honours post-diploma (for B.Eng.))

COURSE REQUIREMENT

Higher Diploma in Mining Surveying or Minerals Surveying with 4 merits from the affiliated Doncaster Metropolitan Institute of Higher Education, Department of Mining and Mineral Resource Engineering.

TWO-YEAR POST-DIPLOMA HONOURS B.ENG. SCHEME

Year 1
Statistics 1Z
Geology 2MI(1) *or* 2MI(2)
Minerals Surveying 2H

Year 2
Minerals Surveying 3H

* Mathematics 1MP and Geology 2MP are both requirements for the honours degree and must be taken in Year 1 or Year 2.
† If A level mathematics (pure & applied) or Mathematics 0A have been passed.
‡ If geology passed at sufficiently high grade at A level.
§ If no A level chemistry but sufficiently high standard in geology.

Field courses and project work

The scheme of study includes field work in surveying and prospecting at the end of year 1 and a project in the second year which may involve field work.

Mining Engineering (5 schemes: 3-year honours and ordinary (for B.Eng.)
2-year honours conversion (for B.Eng.)
2-year honours and
1-year ordinary post-diploma (for B.Eng.))

COURSE REQUIREMENT

3-year — three A levels, or two A levels with two AS levels: mathematics and preferably physics at A level. Physics at GCSE level or AS level if another subject offered at A level. Candidates with inappropriate A level passes may be admitted to a 4-year honours scheme.

2-year conv — normally a degree in civil, electrical or mechanical engineering. Other disciplines considered.

Post-dipl — Restricted to candidates holding HND in Mining from the affiliated Doncaster Metropolitan Institute of Higher Education Department of Mining and Mineral Resources Engineering.

THREE-YEAR HONOURS B.ENG. SCHEME

Year 1	*Year 2*	*Year 3*
Mining Engineering 1H	Mining Engineering 2H	Mining Engineering 3H
Mathematics 1MI	Geology 2MI	
Geology 1C	Statistics 1Z	
Engineering 1MI		

Students transferring from Year 1 of the Ordinary scheme into Year 2 of the Honours scheme will be required to take the following courses in Years 2 and 3 of the scheme:

Year 2	*Year 3*
Mining Engineering 2H(1)	Mining Engineering 3H
Mathematics 1MI	Mining Engineering 2H(2)
Geology 2MI	
Statistics 1Z	

THREE-YEAR ORDINARY B.ENG. SCHEME

Year 1	*Year 2*	*Year 3*
Mining Engineering 1H	Mining Engineering 2H(1)	Mining Engineering 3P
Mathematics 0A	Statistics 1Z	
Geology 1C	Geology 2MI	
Engineering 1MI		

TWO-YEAR CONVERSION HONOURS B.ENG. SCHEME

Year 1	*Year 2*
Mining Engineering 1H	Mining Engineering 2H(2)
Mining Engineering 2H(1)	Mining Engineering 3H
Geology 1C	Geology 2MI
Statistics 1Z	

Mining Engineering 2H(2) or parts of Mining Engineering 3H may be taken during Year 1.

TWO-YEAR POST-DIPLOMA HONOURS B.ENG. SCHEME

Year 1	*Year 2*
Mining Engineering 2H(D)	Mining Engineering 3H(D)
Mathematics 1MI	Geology 1C
	Statistics 1Z

ONE-YEAR POST-DIPLOMA ORDINARY B.ENG. SCHEME

Mining Engineering 3P(D)
Geology 1C
Statistics 1Z

Vacation work and industrial visits

All schemes of study include appropriate field-work (which may be held abroad) and technical visits during term and vacation.

Quarry Engineering

(2 schemes — 2-year honours
1-year ordinary (for B.Eng.))

COURSE REQUIREMENT

Diploma in Quarrying from the affiliated Doncaster Metropolitan Institute of Higher Education Department of Mining and Mineral Resources Engineering.

TWO-YEAR HONOURS B.ENG. SCHEME

Year 1	*Year 2*
Quarry Engineering 2H	Quarry Engineering 3H
Mathematics 1MI	Statistics 1Z
Geology 1C	

ONE-YEAR ORDINARY B.ENG. SCHEME

Quarry Engineering 3P
Geology 1C
Statistics 1Z

Vacation work and industrial visits

Both schemes include appropriate field-work (which may be held abroad) and technical visits during term and vacation.

Textile Chemistry

(Honours scheme (for B.Sc.))

COURSE REQUIREMENT

Three A levels, or two A levels with two AS levels: chemistry at A level; normally physics or mathematics (pure & applied). Physics or mathematics at GCSE level if not passed at A level. OND, HNC, HND, or TEC qualifications considered.

HONOURS B.SC. SCHEME

Year 1	*Year 2*	*Year 3*
Textile Chemistry 1H	Textile Chemistry 2H	Textile Chemistry 3H
Textile Technology 1H(C)	Textile Technology 2H(C)	Textile Management 1TC
Chemistry 1D	Synthetic Polymers 1	Synthetic Polymers 2
Mathematics 0CH*	Chemistry 1U	

ORDINARY B.SC. SCHEME

(Students not normally admitted in Year 1 or Year 2)

Year 1	*Year 2*	*Year 3*
Textile Chemistry 1H	Textile Chemistry 2H	Textile Chemistry 3P
Textile Technology 1P(C)	Textile Technology 2P(C)	Textile Management 1TC
Chemistry 1D	Chemistry 1U	
Mathematics 0CH*		

Textile Studies (Engineering, Clothing, Management)

(Honours scheme (for B.Sc.))

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels. BTEC qualifications also considered. For the *Engineering* and *Clothing* Options normally A level mathematics; for the *Management* Option at least one approved science A level. Students who have not reached an adequate standard in mathematics at A level will be required to take Mathematics 0CH in Year 1, and to reach a standard in the examination acceptable to the Head of the Department.

(i) *Engineering Option*

Year 1	*Year 2*	*Year 3*
Textile Studies 1H	Textile Studies 2H(E)	Textile Studies 3H(E)
Management Studies 1T	Engineering 1TS(E)	
	Mathematics 1TS	

(ii) *Clothing Option*

Year 1	*Year 2*	*Year 3*
Textile Studies 1H	Textile Studies 2H(G)	Textile Studies 3H(G)
Management Studies 1T	Engineering 1TS(G)	
	Management Studies 2T	

(iii) *Management Option*

Year 1	*Year 2*	*Year 3*
Textile Studies 1H	Textile Studies 2H(M)	Textile Studies 3H(M)
Management Studies 1T	Management Studies 2T	

ORDINARY DEGREE

(Students not normally admitted to Year 1 or Year 2)

Year 1	*Year 2*	*Year 3*
Textile Studies 1P	Textile Studies 2P	Textile Studies 3P
Management Studies 1T	Management Studies 2T *or* other course	

* Candidates who have achieved a satisfactory standard in mathematics A-level may be exempted from the requirement to take Mathematics 0CH.

Schemes of Study in Two Main Subjects Combined

All schemes lead to the degree of Bachelor of Science.

Combined schemes of study are designed to provide for the study of two principal subjects to a high level with support from another subject (or subjects) which is studied to a lower level. The ancillary subject (or subjects) is, in general, chosen for its bearing on the two principal subjects, although the choice may usually be made from among a group of applicable subjects. Most of these schemes combine subjects from the biological, physical and medical sciences, but a substantial number include subjects from the applied sciences, from social sciences and from the arts.

The principal subjects are studied throughout the scheme of study. Ancillary subjects are studied in the first and second years of a scheme and may consist of one year's study in each of two subjects or two years' study in one subject, or, for some schemes involving biological sciences, two or more half-year ancillary courses may be taken in the first year. The choice of ancillary subjects and the courses therein will depend, however, on the subjects passed at the advanced level of the examination for the General Certificate of Education (or equivalent examination) and the level of attainment therein. Courses in ancillary subjects will be selected in consultation with the Director of Combined Studies from among those approved for the scheme of study as set out below, although the years of the scheme in which these courses are taken may, with the permission of the Director of Combined Studies, be varied from those shown.

The provision of schemes of study with combination of principal subjects other than those listed will be considered and may be approved subject to their academic suitability and to time-table considerations. Those interested in combinations not listed should address enquiries to the Director of Combined Studies in the Faculty of Science.

The following optional short courses are available to Combined Studies students:

Year 1 — Computing for Combined Studies
Year 2 — Information Science for Combined Studies

Accounting–Data Processing (Honours scheme)

COURSE REQUIREMENT

Normally three A levels, or two A levels with two AS levels. Mathematics at GCSE level.

Year 1	*Year 2*	*Year 3*
Accounting 1A	Accounting 2A	Accounting 3A
Data Processing 1A	Data Processing 2A	Data Processing 3A
Computational Science 1D	Economics 1B *or* Management Studies 1A *or* other course	

ORDINARY DEGREE

Year 1 courses together with Accounting 2A, Data Processing 2A and one other course.

Animal and Plant Biology

(Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels:
either: chemistry; biology; physics or mathematics,
or: chemistry; botany; zoology.
Chemistry and one biological subject should be at A level.

Year 1	*Year 2*	*Year 3*
Plant Biology 1A	Plant Biology 2A or two level 2 half-year courses in plant biology	Plant Biology 3A
Zoology 1A	Zoology 2A	Zoology 3A
One sessional course or two half-year courses chosen from: Biochemistry 1A *or* 1Z(A) *or* 1Z(B); Ecology 1A *or* 1Z(A) *or* 1Y(B); Biophysics 1Z(A) *or* 1Y(B)	One other sessional course or two half-year courses normally to include Ecology 1Y(B) if not taken in Year 1	

ORDINARY DEGREE

Year 1 courses together with Plant Biology 2A (or two half-year courses in plant biology), Zoology 2A and one other sessional course or two half-year courses.

Field-work

Courses in plant biology and zoology include field-work during term and vacation, selected in accordance with the course options chosen by each student; one or more of these field courses may be held abroad.

Biochemistry–Chemistry

(Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry and preferably at least one of physics, mathematics, biology or zoology at A level. Physics and mathematics at GCSE level. Candidates with inadequate mathematics background may be required to take a course in elementary mathematics.

Year 1	*Year 2*	*Year 3*
Biochemistry 1A	Biochemistry 2A	Biochemistry 3A
Chemistry 1A	Chemistry 2A	Chemistry 3B (organic) *or* Chemistry 3C (physical)
Either Microbiology 1Y(A) *or* Plant Biology 1Z(A) together with one of Physiology 1Z(B), Biophysics 1Y(B), Plant Biology 1Y(B) *or* Computational Science 1A *or* Statistics 1A *or* other course	One other sessional course *or* two half-year courses	

ORDINARY DEGREE

Year 1 courses together with Biochemistry 2A, Chemistry 2A and one other sessional course or two half-year courses.

Biochemistry–Food Science (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry at A level; botany, zoology or biology; physics or mathematics.

Year 1	*Year 2*	*Year 3*
Biochemistry 1A	Biochemistry 2A	Biochemistry 3A
Food Science 1A	Food Science 2A	Food Science 3A
Microbiology 1Z(A)	Microbiology 2A	
Chemistry 1Y(B)	*or* other sessional course or two half-year courses	

ORDINARY DEGREE

Year 1 courses together with Biochemistry 2A, Food Science 2A and one other sessional course or two half-year courses.

Industrial visits

Students are required to take part in a limited number of industrial visits during the vacation, as arranged by the Department of Food Science.

Biochemistry–Genetics (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry and botany, zoology or biology at A level; physics, mathematics or other subject.

Year 1	*Year 2*	*Year 3*
Biochemistry 1A	Biochemistry 2A	Biochemistry 3A
Chemistry 1Z(A)	Genetics 2A	Genetics 3A
Microbiology 1Z(A) *or* 1Y(A)	Microbiology 2A *or* other sessional course or two half-year courses	
Genetics 1Z(B)		
Chemistry 1Y(B) *or* Plant Biology 1Y(B)		

ORDINARY DEGREE

Year 1 courses together with Biochemistry 2A, Genetics 2A, and one other sessional course or two half-year courses.

Biochemistry–Microbiology (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry and botany, zoology or biology at A level; physics, mathematics or other subject.

Year 1
Biochemistry 1A
Chemistry 1Z(A)
Microbiology 1Z(A)
Genetics 1Z(B)
Biophysics 1Y(B)
or Chemistry 1Y(B)

Year 2
Biochemistry 2A
Microbiology 2A
Genetics 2A
or other sessional course
or two half-year courses

Year 3
Biochemistry 3A
Microbiology 3A

ORDINARY DEGREE

Year 1 courses together with Biochemistry 2A, Microbiology 2A and one other sessional course or two half-year courses.

Biochemistry–Pharmacology (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry at A level; two of physics, mathematics, zoology (or biology). Candidates with inadequate mathematics background may be required to attend a course in elementary mathematics.

Year 1
Biochemistry 1A
Pharmacology 1A
Physiology 1A

Year 2
Biochemistry 2A
Pharmacology 2A
Physiology 2A
or other sessional course
or two half-year courses

Year 3
Biochemistry 3A
Pharmacology 3A

ORDINARY DEGREE

Year 1 courses together with Biochemistry 2A, Pharmacology 2A and one other sessional course or two half-year courses.

Biochemistry–Physiology (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry at A level; two of physics, mathematics, zoology (or biology). Candidates with inadequate mathematics background may be required to take a course in elementary mathematics.

Year 1
Biochemistry 1A
Physiology 1A
Pharmacology 1A
or Chemistry 1Z(A)
with either Chemistry 1Y(B)
or Biophysics 1Y(B)

Year 2
Biochemistry 2A
Physiology 2A
One other sessional course
or two half-year courses

Year 3
Biochemistry 3A
Physiology 3A*

ORDINARY DEGREE

Year 1 courses together with Biochemistry 2A, Physiology 2A and one other sessional course or two half-year courses.

*Physiology 3A may include one week of field work in human physiology, usually during a vacation, depending upon the option chosen.

Field-work

Physiology 3A students attend a field course in human physiology for one week during the year.

Biochemistry–Plant Biology (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: botany (or biology) and chemistry at A level; physics, mathematics or other subject.

Year 1	*Year 2*	*Year 3*
Biochemistry 1A	Biochemistry 2A	Biochemistry 3A
Plant Biology 1A	Plant Biology 2A *or*	Plant Biology 3A
Genetics 1Z(A)	exceptionally, two level 2	
Biophysics 1Y(B)	half-year courses in	
or Ecology 1Y(B)	Plant Biology	
	Chemistry 1Z(A) and 1Y(B)	
	or Genetics 2A	
	or other sessional course	
	or two half-year courses	

ORDINARY DEGREE

Year 1 courses together with Biochemistry 2A, Plant Biology 2A (or two half-year courses in plant biology) and one other sessional course or two half-year courses.

Field-work

Courses in plant biology include field-work during term and vacation; one field course may be held abroad.

Biochemistry–Zoology (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry and zoology (or biology) at A level; physics, mathematics or other subject.

Year 1	*Year*	*Year 3*
Biochemistry 1A	Biochemistry 2A	Biochemistry 3A
Zoology 1A	Zoology 2A	Zoology 3A
Equivalent of one sessional course from:	Microbiology 2A	
Genetics 1Z(A) *or* 1Z(B)	*or* Genetics 2A	
Plant Biology 1Z(A)	*or* other sessional course	
or 1Z(B)	or two half-year courses	
Microbiology 1Z(A)		
or 1Y(A)		
Physiology 1Z(B)		

ORDINARY DEGREE

Year 1 courses together with Biochemistry 2A, Zoology 2A and one other sessional course or two half-year courses.

Field-work

Courses in zoology include field-work during term and one vacation course which may be held abroad.

Biophysics–Computational Science (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: physics and mathematics at A level; normally one of botany, zoology, biology or chemistry.

Year 1	*Year 2*	*Year 3*
Biophysics 1A	Biophysics 2A	Biophysics 3A
Computational Science 1A	Computational Science 2A	Computational Science 3A
Mathematics 1A	Statistics 1A *or* other sessional course or two half-year courses	

ORDINARY DEGREE

Year 1 courses together with Biophysics 2A, Computational Science 2A and one other sessional course or two half-year courses.

Biophysics–Genetics (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry and botany, zoology or biology at A level; physics. Mathematics at GCSE level.

Year 1	*Year 2*	*Year 3*
Biophysics 1A	Biophysics 2A	Biophysics 3A
Genetics 1Z(B)	Genetics 2A	Genetics 3A
Biochemistry 1Z(A) *or* 1Z(B)	Biochemistry 2A *or* other sessional course or two half-year courses	
Microbiology 1Z(A) *or* 1Y(A)		
Chemistry 1Z(A) *or* 1Y(B)		

ORDINARY DEGREE

Year 1 courses together with Biophysics 2A, Genetics 2A and one other sessional course or two half-year courses.

Biophysics–Microbiology

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: at least two A levels from: chemistry, biology or zoology, physics. Mathematics at GCSE level.

Year 1	*Year 2*	*Year 3*
Biophysics 1A	Biophysics 2A	Biophysics 3A
Microbiology 1Z(A)	Microbiology 2A	Microbiology 3A
Genetics 1Z(B)	One other sessional course *or* two half-year courses	
Biochemistry 1Z(A) *or* 1Z(B)		
Chemistry 1Z(A) *or* 1Y(B)		

ORDINARY DEGREE

Year 1 courses together with Biophysics 2A, Microbiology 2A and one other sessional course or two half-year courses.

Biophysics–Zoology (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: at least two A levels from: chemistry; biology or zoology; physics. Mathematics at GCSE level.

Year 1	*Year 2*	*Year 3*
Biophysics 1A	Biophysics 2A	Biophysics 3A
Zoology 1A	Zoology 2A	Zoology 3A
Biochemistry 1A *or* Biochemistry 1Z(A) and one of: Physiology 1Z(B) Plant Biology 1Z(B) *or* Biochemistry 1Z(B) and one of: Ecology 1Z(A) Genetics 1Z(A) Microbiology 1Y(A) Plant Biology 1Z(A)	Chemistry 1Z(A) and 1Y(B) *or* Genetics 2A *or* other sessional course or two half-year courses	

ORDINARY DEGREE

Year 1 courses together with Biophysics 2A, Zoology 2A and one other sessional course or two half-year courses.

Field-work

Courses in zoology include field-work during term and one vacation course which may be held abroad.

Chemistry–Colour Chemistry (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry; mathematics; physics.

Year 1	*Year 2*	*Year 3*
Chemistry 1A	Chemistry 2A	Chemistry 3B (organic) *or* Chemistry 3C (physical)
Colour Chemistry 1A	Colour Chemistry 2A	Colour Chemistry 3A
One other course	One other course	

ORDINARY DEGREE

Year 1 courses together with Chemistry 2A, Colour Chemistry 2A and one other course.

Chemistry–Computational Science (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry; mathematics. Normally physics at GCSE level.

Year 1	*Year 2*	*Year 3*
Chemistry 1A	Chemistry 2A	Chemistry 3A* (inorganic)
Computational Science 1A	Computational Science 2A	*or* Chemistry 3B* (organic)
Mathematics 1A	Statistics 1A	*or* Chemistry 3C* (physical)
	or Mathematics 2A	Computational Science 3A
	or Operational Research 2A	
	or other course	

ORDINARY DEGREE

Year 1 courses together with Chemistry 2A, Computational Science 2A and one other course.

Chemistry–Fuel and Combustion Science (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry; mathematics; physics.

Year 1	*Year 2*	*Year 3*
Chemistry 1A	Chemistry 2A	Chemistry 3C (physical)
Fuel and Combustion Science 1A	Fuel and Combustion Science 2A	Fuel and Combustion Science 3A
Mathematics 1A	Physics 1A	

ORDINARY DEGREE

Year 1 courses together with Chemistry 2A, Fuel and Combustion Science 2A and one other course.

Chemistry–Geological Sciences (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry; mathematics and/or physics. Candidates with inadequate mathematics background may be required to take a course in elementary mathematics. Candidates without physics A level take Physics 0A.

* The options available in Computational Science 3A may be restricted by the chosen specialization in chemistry.

Year 1
Chemistry 1A
Geological Sciences 1A
Mathematics 1A
or other course

Year 2
Chemistry 2A
Geological Sciences 2A
Mathematics 1A
or other course

Year 3
Chemistry 3A (inorganic)
Geological Sciences 3A

ORDINARY DEGREE

Year 1 courses together with Chemistry 2A, Geological Sciences 2A and one other course.

Field-work

Courses in geological sciences include compulsory field-work during term and vacation.

Chemistry–History of Science or Philosophy (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry; mathematics and/or physics. Candidates with inadequate mathematics background may be required to take a course in elementary mathematics. Candidates without physics at A level take Physics 0A. Additionally a good pass at A level or AS level in General Studies will be regarded as a useful qualification for the study of philosophy.

Year 1
Chemistry 1A
History of Science and Philosophy 1A
or History of Science and Technology 1B
or Philosophy 1C
Mathematics 1A
or Physics 1A
or Statistics 1A
or other course

Year 2

Either Chemistry 2A
Philosophy 2A
Physics 1A
or Statistics 1A
or Mathematics 2A
or History of Science 2B
or other course

or Chemistry 2A
History of Science 2B
Physics 1A
or Statistics 1A
or Mathematics 2A
or Philosophy 2A
or other course

Year 3

Either Chemistry 3A (inorganic)
Philosophy 3A

or Chemistry 3A (inorganic)
or Chemistry 3B (organic)
or Chemistry 3C (physical)*
History of Science 3B

ORDINARY DEGREE

Year 1 courses together with Chemistry 2A and *either* Philosophy 2A *or* History of Science 2B, and one other course.

* Candidates intending to take Chemistry 3C will normally have taken Mathematics 1A and/or appropriate physical science course in the earlier years of the scheme.

Chemistry–Management Studies (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry; mathematics and/or physics. Physics and mathematics at GCSE level.

Year 1
Chemistry 1A
Management Studies 1A
Computational Science 1A
or Mathematics 1A
or Statistics 1A
or Biochemistry 1A
or other course

Year 2
Chemistry 2A
Management Studies 2A
Mathematics 2A
or Computational Science 1A *or* 1B
or Statistics 1A
or other course

Year 3
Chemistry 3A (inorganic)
or Chemistry 3B (organic)
or Chemistry 3C (physical)
Management Studies 3A

ORDINARY DEGREE

Year 1 courses together with Chemistry 2A, Management Studies 2A and one other course.

Chemistry–Mathematics (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry and mathematics (as one or two subjects) at A level. Physics at GCSE level. Candidates without physics at A level normally take Physics 0A in Year 1.

Year 1
Chemistry 1A
Mathematics 1A
Geological Sciences 1A
or History of Science and Philosophy 1A
or Physics 1A
or Statistics 1A
or other course

Year 2
Chemistry 2A
Mathematics 2A
History of Science and Philosophy 1A
or Philosophy 2A
or History of Science 2B
or Physics 1A *or* 2A
or Statistics 1A
or other course

Year 3
Chemistry 3C (physical)
Mathematics 3A

ORDINARY DEGREE

Year 1 courses together with Chemistry 2A, Mathematics 2A and one other course.

Chemistry–Physics (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry; mathematics; physics.

Year 1
Chemistry 1A
Physics 1A
Mathematics 1A

Year 2
Chemistry 2A
Physics 2A
Mathematics 2A

Year 3
Chemistry 3C (physical)
Physics 3A

ORDINARY DEGREE

Year 1 courses together with Chemistry 2A, Physics 2A and one other course.

Computational Science–Economics (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels, including mathematics at A level.

Year 1	*Year 2*	*Year 3*
Computational Science 1A	Computational Science 2A	Computational Science 3A
Economics 1A	Economics 2A	Economics 3A
Mathematics 1A	Statistics 1A	

ORDINARY DEGREE

Year 1 courses together with Computational Science 2A, Economics 2A and one other course.

Computational Science–Management Studies (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels, including mathematics at A level.

Year 1	*Year 2*	*Year 3*
Computational Science 1A	Computational Science 2A	Computational Science 3A
Management Studies 1A	Management Studies 2A	Management Studies 3A
Mathematics 1A	Operational Research 2A *or* Statistics 1A *or* other course	

ORDINARY DEGREE

Year 1 courses together with Computational Science 2A, Management Studies 2A and one other course.

Computational Science–Mathematics (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels, including mathematics at A level.

Year 1	*Year 2*	*Year 3*
Computational Science 1A	Computational Science 2A	Computational Science 3A
Mathematics 1A	Mathematics 2A	Mathematics 3A
Statistics 1A *or* other course	One other course	

ORDINARY DEGREE

Year 1 courses together with Computational Science 2A, Mathematics 2A and one other course.

Computational Science–Music (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: mathematics (as one or two subjects) at A level; preferably music. If music not offered at A level or AS level another suitable qualification in music may be accepted.

Year 1	*Year 2*	*Year 3*
Computational Science 1A	Computational Science 2A	Computational Science 3A
Music 1A	Music 2A	Music 3A
Mathematics 1A	Statistics 1A	
	or other course	

ORDINARY DEGREE

Year 1 courses together with Computational Science 2A, Music 2A and one other course.

Computational Science–Physics (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: physics and mathematics (as one or two subjects) at A level.

Year 1	*Year 2*	*Year 3*
Computational Science 1A	Computational Science 2A	Computational Science 3A
Physics 1A	Physics 2A	Physics 3A
Mathematics 1A	Mathematics 2A	

ORDINARY DEGREE

Year 1 courses together with Computational Science 2A, Physics 2A and one other course.

Computational Science–Statistics (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels, including mathematics at A level.

Year 1	*Year 2*	*Year 3*
Computational Science 1A	Computational Science 2A	Computational Science 3A
Statistics 1A	Statistics 2A	Statistics 3A
Mathematics 1A	Mathematics 2A	
	or other course	

ORDINARY DEGREE

Year 1 courses together with Computational Science 2A and Statistics 2A.

Computer Science–Philosophy (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels, including mathematics at A level. Additionally a good pass at A level or AS level in general studies will be regarded as a useful qualification for the study of philosophy.

Year 1	*Year 2*	*Year 3*
Computer Science 1E	Computer Science 2E	Computer Science 3E
Philosophy 1J	Philosophy 2J	Philosophy 3J
Mathematics 1A	Philosophy 2K	

ORDINARY DEGREE

Year 1 courses together with Computer Science 2E, Philosophy 2J and one other course.

Computer Science–Psychology (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels, including mathematics at A level.

Year 1	*Year 2*	*Year 3*
Computer Science 1E	Computer Science 2E	Computer Science 3E
Psychology 1D	Psychology 2D	Psychology 3D
Mathematics 1A	Psychology 2E	

ORDINARY DEGREE

Year 1 courses together with Computer Science 2E, Psychology 2D and one other course.

Economics–Mathematics (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels, including mathematics at A level.

Year 1	*Year 2*	*Year 3*
Economics 1A	Economics 2A	Economics 3A
Mathematics 1A	Mathematics 2A	Mathematics 3A
Statistics 1A	Statistics 2A	

ORDINARY DEGREE

Year 1 courses together with Economics 2A, Mathematics 2A and one other course.

Economics–Operational Research (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels, including mathematics at A level.

COMBINED HONOURS

Year 1	*Year 2*	*Year 3*
Economics 1A	Economics 2A	Economics 3A
Computational Science 1A	Operational Research 2A	Operational Research 3A
Mathematics 1A	Statistics 1A	

ORDINARY DEGREE

Year 1 courses together with Economics 2A, Operational Research 2A and one other course.

Economics–Statistics (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels, including mathematics at A level.

Year 1	*Year 2*	*Year 3*
Economics 1A	Economics 2A	Economics 3A
Statistics 1A	Statistics 2A	Statistics 3A
Mathematics 1A	Mathematics 2A *or* other course	

ORDINARY DEGREE

Year 1 courses together with Economics 2A, Statistics 2A and one other course.

Food Science–Microbiology (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry at A level; two of physics, mathematics, biology (or botany or zoology).

Year 1	*Year 2*	*Year 3*
Food Science 1A	Food Science 2A	Food Science 3A
Biochemistry 1A	Microbiology 2A	Microbiology 3A
Microbiology 1Z(A)	Biochemistry 2A	
Chemistry 1Y(B)	*or* other sessional course *or* two half-year courses	

ORDINARY DEGREE

Year 1 courses together with Food Science 2A, Microbiology 2A and one other sessional course or two half-year courses.

Industrial visits

Students are required to take part in a limited number of industrial visits during the vacation, arranged by the Department of Food Science.

Fuel and Energy–Management Studies (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry; mathematics.

Year 1
Fuel and Combustion Science 1A
Management Studies 1A
One other course (normally Mathematics 1A)

Year 2
Fuel and Energy 2A
Management Studies 2A
One other course

Year 3
Fuel and Energy 3A
Management Studies 3A

ORDINARY DEGREE

Year 1 courses together with Fuel and Energy 2A, Management Studies 2A and one other course.

Genetics–Microbiology (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry; botany, zoology or biology; physics, mathematics or other subject.

Year 1
Biochemistry 1A
Chemistry 1Z(A)
Microbiology 1Z(A)
Genetics 1Z(B)
Chemistry 1Y(B)

Year 2
Genetics 2A
Microbiology 2A
Biochemistry 2A
or other sessional course
or two half-year courses

Year 3
Genetics 3A
Microbiology 3A

ORDINARY DEGREE

Year 1 courses together with Genetics 2A, Microbiology 2A and one other sessional course or two half-year courses.

Genetics–Plant Biology (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels:
either: chemistry; botany or biology; physics or mathematics
or: chemistry; botany; zoology.
Chemistry and one biological subject should be at A level.

Year 1
Genetics 1Z(A) *or* 1Z(B)
Plant Biology 1A
Biochemistry 1A
Chemistry 1Z(A) *or* 1Y(B)
or Ecology 1Y(B)

Year 2
Genetics 2A
Plant Biology 2A *or*, exceptionally, two level 2 half-year courses in plant biology
Biochemistry 2A
or other sessional course
or two half-year courses

Year 3
Genetics 3A *or* 3B
Plant Biology 3A

ORDINARY DEGREE

Year 1 courses together with Genetics 2A, Plant Biology 2A (or two half-year courses in plant biology) and one other sessional course or two half-year courses.

Field-work

Courses in plant biology include field-work during term and vacation; one field course may be held abroad.

Genetics–Zoology (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels:
either: chemistry; zoology or biology; physics or mathematics
or: chemistry; botany; zoology.
Chemistry and one biological subject should be at A level.

Year 1	*Year 2*	*Year 3*
Genetics 1Z(B)	Zoology 2A	Zoology 3A
Zoology 1A	Genetics 2A	Genetics 3A *or* 3B
Microbiology 1Z(A) *or* 1Y(A)	Biochemistry 2A *or* Microbiology 2A or, exceptionally, two level 2 half-year courses in plant biology *or* other course	
Biochemistry 1A		

ORDINARY DEGREE

Year 1 courses together with Zoology 2A, Genetics 2A and one other sessional course or two half-year courses.

Field-work

Courses in zoology include field-work during term and one vacation course which may be held abroad.

Geography–Geology (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: geography at A level; preferably at least one of chemistry, mathematics, physical science (or physics).

Year 1	*Year 2*	*Year 3*
Geography 1A	Geography 2A	Geography 3A
Geology 1E	Geology 2E	Geology 3E
Chemistry 1D *or* Economics 1B *or* Mathematics 1A *or* other course	Geography/Geology 2B *or* other course	

ORDINARY DEGREE

Year 1 courses together with Geography 2A, Geology 2E and one other course.

Field-work

Courses in geography and geology include compulsory field-work during term and vacation.

Geography–Management Studies (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: geography at A level; preferably at least one other science subject.

Year 1	*Year 2*	*Year 3*
Geography 1A	Geography 2A	Geography 3A
Management Studies 1A	Management Studies 2A	Management Studies 3A
Mathematics 1A	One other course (normally Geography/Management Studies 2B)	
or Statistics 1A		
or History of Science and Technology 1B		
or other course		

ORDINARY DEGREE

Year 1 courses together with Geography 2A, Management Studies 2A and one other course.

Field-work

Courses in geography and management studies include compulsory field-work during term and vacation.

Geography–Mathematics (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: geography and mathematics (as one or two subjects) at A level.

Year 1	*Year 2*	*Year 3*
Geography 1A	Geography 2A	Geography 3A
Mathematics 1A	Mathematics 2A	Mathematics 3A
Economics 1A	Economics 2A	
or Statistics 1A	*or* Statistics 1A	
or other course	*or* other course	

ORDINARY DEGREE

Year 1 courses together with Geography 2A, Mathematics 2A and one other course.

Field-work

Courses in geography will include field-work during term and vacation.

Geophysical Sciences (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels including mathematics and physics at A level.

Year 1	*Year 2*	*Year 3*
Geological Sciences 1A	Geophysical Sciences 2GP	Geophysical Sciences 3GP
Physics 1GP	Physics 2GP	
Mathematics 1PX	Mathematics 2GP	
	Statistics 1GP	

Field-work

Courses in geological and geophysical sciences include field-work during term and vacation.

ORDINARY DEGREE

Year 1 courses together with Geophysical Sciences 2GP, Physics 2GP, Mathematics 2GP and Statistics 1GP.

Management Studies–Mathematics (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels, including mathematics at A level.

Year 1	*Year 2*	*Year 3*
Management Studies 1A	Management Studies 2A	Management Studies 3A
Mathematics 1A	Mathematics 2A	Mathematics 3A
Computational Science 1A	Computational Science 2A	
or Statistics 1A	or 1B	
or Economics 1A	*or* Operational Research 2A	
or Geography 1A	*or* Statistics 1A	
	or Economics 1B	

ORDINARY DEGREE

Year 1 courses together with Management Studies 2A, Mathematics 2A and one other course.

Management Studies–Operational Research (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels, including mathematics at A level.

Year 1	*Year 2*	*Year 3*
Management Studies 1A	Management Studies 2A	Management Studies 3A
Computational Science 1A	Operational Research 2A	Operational Research 3A
Mathematics 1A	Statistics 1A	

ORDINARY DEGREE

Year 1 courses together with Management Studies 2A, Operational Research 2A and one other course.

Mathematics–History of Science or Philosophy (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: mathematics (as one or two subjects) at A level; preferably chemistry or physics for candidates taking history of science. Additionally a good pass at A level in General Studies will be regarded as a useful qualification for the study of philosophy.

Year 1

Mathematics 1A
History of Science and Philosophy 1A
or History of Science and Technology 1B
or Philosophy 1C
One other course

Year 2

Either Mathematics 2A
Philosophy 2A
One other course (which may be History of Science 2B)

or Mathematics 2A
History of Science 2B*
One other course (which may be Philosophy 2A)

Year 3

Either Mathematics 3A
Philosophy 3A

or Mathematics 3A
History of Science 3B

ORDINARY DEGREE

Year 1 courses together with Mathematics 2A and *either* Philosophy 2A *or* History of Science 2B, and one other course.

Mathematics–Music (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: including mathematics and music at A level. If music is not offered at A level another suitable qualification in music may be accepted.

Year 1

Mathematics 1A
Music 1A
Computational Science 1A
or Statistics 1A
or other course

Year 2

Mathematics 2A
Music 2A
Statistics 1A *or* 2A
or Computational Science 1B *or* 2A
or other course

Year 3

Mathematics 3A
Music 3A

ORDINARY DEGREE

Year 1 courses together with Mathematics 2A, Music 2A and one other course.

* Candidates taking History of Science 2B normally expected to include an experimental science (preferably physics) in their scheme of study.

Mathematics–Operational Research (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels, including mathematics at A level.

Year 1	*Year 2*	*Year 3*
Mathematics 1A	Mathematics 2A	Mathematics 3A
Computational Science 1A	Operational Research 2A	Operational Research 3A
Statistics 1A	Statistics 2A	
	or Management Studies 1A	
	or other course	

ORDINARY DEGREE

Year 1 courses together with Mathematics 2A, Operational Research 2A and one other course.

Mathematics–Physics (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: physics; mathematics (as one or two subjects) at A level.

Year 1	*Year 2*	*Year 3*
Mathematics 1A	Mathematics 2A	Mathematics 3A
Physics 1A	Physics 2A	Physics 3A
Computational Science 1A *or* Geological Sciences 1A *or* History of Science and Philosophy 1A *or* Statistics 1A *or* other course	Geological Sciences 1A *or* 2B *or* History of Science and Philosophy 1A *or* Statistics 1A *or* Statistics 2A(1) together with Computational Science 1B(1) *or* other course	

ORDINARY DEGREE

Year 1 courses together with Mathematics 2A, Physics 2A and one other course.

Mathematics–Statistics (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels, including mathematics at A level.

Year 1
Mathematics 1A
Statistics 1A
Economics 1A
or History of Science and Philosophy 1A
or Computational Science 1A
or other course

Year 2
Mathematics 2A
Statistics 2A
One other course

Year 3
Mathematics 3A
Statistics 3A

ORDINARY DEGREE

Year 1 courses together with Mathematics 2A, Statistics 2A and one other course.

Microbiology–Zoology (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry and zoology (or biology) at A level; physics or other subject.

Year 1
Microbiology 1Z(A)
Zoology 1A
Biochemistry 1A
Genetics 1Z(B)

Year 2
Microbiology 2A
Zoology 2A
Biochemistry 2A
or Genetics 2A
or other sessional course
or two half-year courses

Year 3
Microbiology 3A
Zoology 3A

ORDINARY DEGREE

Year 1 courses together with Microbiology 2A, Zoology 2A and one other sessional course or two half-year courses.

Field-work

Courses in zoology include field-work during term and one vacation course which may be held abroad.

Operational Research–Statistics (Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels, including mathematics at A level.

Year 1
Computational Science 1A
Statistics 1A
Mathematics 1A

Year 2
Operational Research 2A
Statistics 2A
Mathematics 2A
or other course

Year 3
Operational Research 3A
Statistics 3A

ORDINARY DEGREE

Year 1 courses together with Operational Research 2A, Statistics 2A and one other course.

Pharmacology–Physiology

(Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: chemistry at A level; two of physics, mathematics, zoology (or biology). Candidates with inadequate mathematics background may be required to attend a course in elementary mathematics.

Year 1

Pharmacology 1A
Physiology 1A
Biochemistry 1A

Year 2

Pharmacology 2A
Physiology 2A
Biochemistry 2A
or Chemistry 1Y(A) and 2Y(B)
or other sessional course
or two half-year courses

Year 3

Pharmacology 3A
Physiology 3A*

ORDINARY DEGREE

Year 1 courses together with Pharmacology 2A, Physiology 2A and one other sessional course or two half-year courses.

Field-work

Physiology 3A includes a field course in human physiology for one week during the year.

Physics–History of Science or Philosophy

(Honours scheme)

COURSE REQUIREMENT

Normally three good A levels, or two A levels with two AS levels: physics at A level; mathematics (as one or two subjects). Additionally a good pass at A-level in General Studies will be regarded as a useful qualification for the study of philosophy.

Year 1

Physics 1A
History of Science and Philosophy 1A
or History of Science and Technology 1B
or Philosophy 1C
Mathematics 1A

Year 2

Physics 2A
Philosophy 2A
or History of Science 2B
Mathematics 2A

Year 3

Physics 3A
Philosophy 3A
or History of Science 3B

ORDINARY DEGREE

Year 1 courses together with Physics 2A and *either* Philosophy 2A *or* History of Science 2B, and one other course.

*Physiology 3A may include one week of field-work in human physiology, usually during a vacation, depending upon the option chosen.

Prescribed Schemes of Study for the Degree of Master of Science in the Faculties of Science and Engineering

Cardiovascular Studies

This scheme, which is given in the Department of Cardiovascular Studies, normally extends over one calendar year of full-time study commencing in October. It is designed for suitably qualified graduates in medicine, physiology or related disciplines and will provide a postgraduate training in the concepts and scientific methodology for investigations into mammalian systems physiology with particular reference to the cardiovascular system and its control.

Candidates accepted under the provisions of article 14 of Ordinance V will proceed by a scheme of advanced study consisting of:

(a) attendance at lectures and related practical work in the following compulsory units:
Unit A: Techniques and applications (a minimum of 20 lectures plus 70 hours' practical work).
Unit B: Physiology of the mammalian cardiovascular system (a minimum of 25 lectures plus 70 hours' practical work).
Unit C: Cardiovascular investigation in man (a minimum of 10 lectures plus 20 hours' demonstration).

(b) attendance at two units (each consisting of a minimum of 21 hours' practical work/demonstration plus 9 hours' additional seminar/tutorials) chosen, with the approval of the head of the Department of Cardiovascular Studies, from a list of courses which will normally include:
Unit D: Pathophysiology of the cardiovascular system
Unit E: Advanced topics in cardiovascular physiology
Unit F: Exercise physiology
Unit G: Physiological and clinical aspects of respiratory mechanisms.

(c) with the approval of the head of the Department, and subject to the availability of resources for the form of research or study proposed, candidates

either undertake a research project lasting approximately 21 weeks chosen with the approval of the head of the Department, on which a dissertation is to be prepared
or undertake a period of advanced study in cardiology lasting approximately 21 weeks which will include lectures, seminars, clinical observation and the preparation of a dissertation.

(d) attendance at seminars at which students will present written material and assess scientific literature (2 hours per week).

(e) attendance at postgraduate seminars/lectures and invited lectures in the Departments of Cardiovascular Studies and Physiology (approximately 1 hour per week).

The scheme of examination will be as follows:

1. Three written papers, each of three hours' duration:
   (i) one paper on Unit A
   (ii) one paper on Unit B
   (iii) one paper containing a section on each of the remaining Units

2. An assessment of practical and written course work

3. An assessment of the dissertation

4. An oral examination.

Clinical Biochemistry (part-time scheme)

This scheme is given in the Department of Chemical Pathology and will normally extend over two academic years. Admission will be made in alternate, even-numbered, years. It is designed particularly for graduates working as hospital biochemists and pathologists in approved hospital departments or similar institutions in the north of England. The lectures, tutorials and seminars will be given on one day a week during term time to enable attendance under day-release arrangements.

Candidates accepted under the provisions of article 14 of the Ordinance will proceed by attending a course of advanced study consisting of:

1. Approximately 120 lectures or tutorials which will include the following topics:
   Analytical chemistry and biochemistry
   Quality control and statistics
   Biochemical, physiological and metabolic aspects of health and disease

2. Departmental seminars

3. Specified practical work

4. A research or development project upon which a dissertation will be prepared.

The practical work and the research or development project will be carried out, under the supervision of a member of the University staff, in a laboratory at the candidate's place of work which has been specifically approved by the University for the purpose.

The examination will normally consist of three written papers, an assessment of the dissertation, the specified practical work and any other work presented during the course, and an oral examination.

Clinical Biochemistry (full-time scheme)

This full-time scheme is given in the Department of Chemical Pathology and is especially designed to provide basic and advanced postgraduate training in those analytical and interpretative skills necessary for the practice and development of clinical biochemistry in developing countries.

The scheme normally extends over one calendar year starting in October and is suitable for appropriately qualified graduates who have either a medical degree or a degree in science which includes a significant component of biochemistry, physiology or chemistry.

Candidates accepted under the provisions of Article 14 of Ordinance V will proceed by a scheme of advanced study consisting of:

1. Approximately 200 hours of formal teaching including lectures, seminars and tutorials on the following topics:
   Basic and advanced analytical chemistry and biochemistry
   Statistics of quality assessment
   Biochemical, physiological and metabolic aspects of health and disease processes in man.

2. Supervised practical work (approximately 15 hours per week). This will include training in basic analytical chemistry, instrumentation and the design, execution and interpretation of practical experiments.

3. A short laboratory-based project which will be presented as a dissertation.

Candidates will be assessed on their progress at the end of each term by a written examination.

The final examination will normally consist of three written papers, assessment of the dissertation, the specified practical work and any other work presented during the course.

Clinical Psychology

This is a two-calendar-year scheme, commencing in October, designed for approved* graduates with a good honours degree in psychology, either as a single subject or as a principal subject in a combined studies scheme. The scheme is offered by the Departments of Psychiatry and Psychology. Initial enquiries concerning applications for admission should be made to the National Clearing House for Clinical Psychology Courses, University of Leeds.

Candidates accepted under the provisions of article 14 of the Ordinance will proceed by attending a course of advanced study which will include:

(a) Formal instruction in the following subjects: approximately 500 hours teaching

   Experimental and Descriptive Psychopathology
   Developmental Psychology
   Social Psychology and Social Behaviour
   Biological Basis of Behaviour (Normal and Abnormal)
   Clinical Methods (Assessment, Treatment and Evaluation)
   Experimental Methods and Statistics
   Psychology of Mental Handicap
   Psychology of the Elderly
   Clinical Psychology and Professional Practice

(b) Supervised and assessed experience of the administration of psychological techniques of investigation and treatment: approximately 250 days (minimum)

* Graduates must be eligible for graduate member status of the British Psychological Society.

(c) A psychological investigation of clinical relevance presented in the form of a dissertation.

During the first year of the scheme progress will be assessed by university examinations and departmental evaluations which will normally comprise THREE long essays (one per term), TWO detailed case studies and supervisors' ratings of clinical performance. Part I university examinations will normally take place in June of the first year and will consist of TWO papers of 3 hours each in the following subjects:

Fundamentals of Psychopathology
Psychological Assessment, Treatment and Evaluation

Students will normally be required to perform satisfactorily in these assessments before progressing to the second year of study.

During the second year departmental assessments comprise TWO long essays (one each at end of first and second terms), THREE detailed case reports, one of which must represent an experimental investigation involving a treatment/management programme; and continuous assessment of practical performance in clinical settings.

Final university examinations will normally take place in June of the second year and will consist of two papers of 3 hours each in the following subjects:

Clinical Psychology and Professional Practice
Abnormal, Social, Developmental and Biological Psychology

The research dissertation will normally be presented in the summer of the final year and be examined in September. The end of course assessment will consist of essay material, supervisors' ratings of clinical work, case studies, examination performance and the dissertation. The foregoing will be available to the examiners who may also call for an oral examination of candidates.

N.B. This course is recognized by the DHSS for employment purposes as an approved qualification in clinical psychology.

Colour Chemistry

The scheme is arranged by the Department of Colour Chemistry and Dyeing and application should be made to the head of that Department.

The scheme of study extends over one calendar year (twelve months). Candidates are required to hold a first- or second-class honours degree in chemistry or a related subject in pure or applied science, or an equivalent qualification, and satisfy the head of the Department with regard to their general academic standing.

The scheme places considerable emphasis on the chemistry of dyes and pigments. Candidates will pursue a course of lectures over two terms as follows:

1. Introductory lectures on coloration technology and colour measurement (45 lectures)
2. The chemistry of dyes and pigments (90 lectures).

Candidates will, in addition, carry out formal laboratory courses in colorant preparation, evaluation and testing over two terms (300 hours) and attend research colloquia. They will also carry out a project, normally of an experimental nature, extending over approximately four months. The examination will consist of four written papers and of a project report. Candidates may also be required to present themselves for an oral examination.

Combustion and Energy

This scheme is administered by the Centre for Combustion and Energy Studies composed of members of the Departments of Physical Chemistry, Mechanical Engineering, and Fuel and Energy. Applications for admission to the scheme should be made to the deputy director of the Centre, Dr B. M. Gibbs, Department of Fuel and Energy.

This scheme is suitable for graduates in mechanical engineering, chemistry, chemical engineering, physics, energy studies, fuel technology, and applied mathematics. It extends over a minimum of one calendar year.

Candidates accepted under the provisions of article 14 of the Ordinance may proceed by attending a course of advanced study which will include:

(a) a course of about 40 lectures designed to provide graduates in mechanical engineering with the necessary basic chemical background, or to provide graduates in chemistry with a background in fluid mechanics and heat transfer, for instance. These lectures will be attended by all candidates, some of the lectures being treated as revision of work previously covered. Additionally 10 lectures on basic computing techniques are given.

(b) a total of about 140 lectures on advanced topics including the following:

World energy resources
Economics of the energy industries and transport
Energy accounting
Heat and power systems
Generation and usage of electrical energy
Synthesis of fuels
Combustion chemistry
Experimental methods for investigating combustion processes
Theory of thermal explosion and shock-induced detonation
Properties of high temperature gases
Properties, structure and mechanisms of gaseous flames
Heat transfer from flames and furnaces
Hazards associated with combustion processes and their prevention
Combustion aerodynamics
Engine combustion phenomena
Solid- and liquid-fuelled furnaces

(c) case study and examples class work associated with the lecture course

(d) practical work consisting of:
A laboratory course of advanced experiments in the field of combustion and energy
Computer exercises

(e) an individual project, usually experimental, on some aspect of the science of combustion and energy, and the preparation of a dissertation upon it.

The examination will consist of an assessment of the candidate's written and experimental work during the course and of the dissertation; an oral examination may be required. In addition, internal closed book examinations during the first term are used to assess satisfactory progress.

Economic Forecasting

The School of Economic Studies offers a scheme of advanced study leading to the degree of Master of Science in Economic Forecasting. It extends over one calendar year on a full-time basis (or two calendar years on a part-time basis) and begins in October. Candidates will normally have a good honours degree in economics or in economics and another subject or subjects.

Candidates will be required to attend courses in:

1. Economic analysis
2. Time-series analysis
3. Economic forecasting.

Each of these courses will consist of approximately 20 weekly two-hour lectures/seminars, together with directed reading under personal supervision.

In addition, candidates will be required to undertake three substantial practical projects on topics to be approved by the Chairman of the School.

EXAMINATION:

1. A three-hour written paper in each of the three courses, taken in the third term.
2. Assessment of project work. The projects must normally be submitted by the last day of the period of study.
3. An oral examination at the discretion of the examiners.

   (Part-time candidates will take written papers for the first two courses in the third term of the first year and will take the written paper for the third course in the third term of the second year. They will submit their projects by the last day of the second year. They are required to pass the examinations taken in the first year before being allowed to proceed to the second year.)

Engineering Ceramics

This scheme is arranged by the Department of Ceramics in conjunction with the Departments of Mechanical Engineering and of Electrical and Electronic Engineering. Application for admission to the scheme should be made to the head of the Department of Ceramics.

The scheme is suitable for graduates in ceramics, chemistry, electrical engineering, materials science, mechanical engineering, metallurgy, physics and related subjects. It extends over one full calendar year.

The course consists of a core component taken by all students, followed by two options. One option is oriented towards subjects and materials concerned with applications in a mechanical engineering context. The alternative option is oriented towards electrical and electronic engineering applications.

Component A.
A course of about 114 lectures designed to provide graduates with the necessary understanding of the science and technology of the production of advanced technical ceramics. It also provides an introduction to the behaviour of those materials under mechanical and thermal stressing, and in corroding environments, particularly at high temperature. An introduction to computing techniques forms a part of this component.

Component B1.
A course of about 84 lectures developed to provide a more detailed treatment of ceramic materials utilised primarily for their mechanical properties. Topics covered include strength and toughness, wear behaviour, and aspects of the problems of designing with brittle materials.

Component B2.
A parallel course of about 84 lectures similar in intent to that of B1, dealing with materials utilised for their electrical or magnetic properties. Topics include semiconductor, dielectric and magnetic ceramics, and ceramics in micro-electronic devices and components.

Practical work consists of laboratory exercises, training in the use of techniques for characterising ceramic materials including optical and electron-optical microscopy, and computer exercises. This will occupy approximately 126 hours.

An individual project is normally carried out over a nominal 15-week period in an extended third term. This will normally be in association with an industrial or research organisation, and some visits to external laboratories may be required. A dissertation will be prepared as the project report.

The examination will consist of four written papers, and assessments of the laboratory work and dissertation. An oral examination may be given.

Engineering Geology

This scheme is arranged by the Departments of Earth Sciences, Civil Engineering and Mining and Mineral Engineering. Applications for admission should be made to the head of the Department of Earth Sciences.

Candidates will normally be suitably qualified graduates in civil engineering, mining engineering or geological sciences who are interested in the rapidly expanding fields of engineering geology, soil mechanics and allied subjects. Graduates in two main subjects (combined) with geological sciences as a principal subject will also be considered.

The scheme normally extends over a minimum of one calendar year of full-time study commencing in October but in approved circumstances candidates may be permitted to fulfil the conditions of the degree by interrupted full-time study, normally spread over not less than two and not more than three consecutive years.

Candidates proceeding by interrupted full-time study will be required to attend for the first academic term of their first year of study and the second academic term of their second year of study. Such candidates may be required to satisfy the department in such tests as may be prescribed at the end of the first period of full-time study. During the interval between the first and second periods of full-time attendance, these candidates will be required to undertake prescribed written work, which will form part of the overall scheme assessment, under the supervision of a member of the University's staff and to consult with this supervisor on at least four occasions.

SCHEME OF STUDY

All candidates will proceed by:

(a) attending a course of advanced study of about 230 lectures, together with seminars and colloquia, covering the following topics:

Engineering geology	approximately 100 lectures
Soils engineering, including soil mechanics and foundation engineering	approximately 60 lectures
Rock mechanics	approximately 20 lectures
Applied geophysics	approximately 20 lectures
Photogrammetry and photogeology	approximately 15 lectures
Hydrogeology	approximately 20 lectures

Civil engineering graduates may be required to attend additional lectures in petrology and structural geology.

Optional courses in computing, statistics, surveying and mine development are available for all candidates.

(b) attending a course of practical work in the laboratory and in the field which may entail attendance on field excursions during the first few days of the Easter vacation following the second term of full-time study;

(c) carrying out a project on a field or experimental problem under agreed conditions of supervision and preparing a short dissertation. Candidates who are successful in the written examinations will normally commence this work on completion of their second term of full-time study.

EXAMINATION

The examination will normally consist of four written papers to be taken on completion of the second term of full-time study, an assessment of written coursework and the dissertation and, if the examiners require it, an oral examination.

In addition candidates may be required to satisfy the Department in such tests as may be prescribed at the end of the first term of full-time study.

Environmental Pollution Control

This scheme has been arranged in co-operation with a wide range of departments. Applications for admission to the scheme should be made to the head of the Department of Fuel and Energy, The University, Leeds LS2 9JT.

This scheme is particularly suitable for graduates with first- or second-class honours in chemistry, chemical engineering and fuel science or technology and in appropriate circumstances for graduates in other pure or applied sciences.

The scheme extends over a minimum period of one calendar year and is organized on a modular basis. The period of study may be extended beyond the minimum of one calendar year, but not beyond a maximum of three calendar years, in which case two modules must be taken in the first year and two in the second year, and the research project must be undertaken in the third year. Normally the modules are taken in numerical sequence. The main topics of the modules are as follows:

Module 1. Global aspects of pollution
(35 lectures and 20 hours of practical work)
Pollution sources and their environmental impact. Effects on health, ecosystems and materials. Social and economic aspects. Environmental health. Legal requirements and guide lines. Data sources and information retrieval. Conversion courses in chemical kinetics, statistics and computation, where necessary.

Module 2. Water and land pollution and its control
(50 lectures and 60 hours of practical work)
Liquid pollutants arising from industrial and domestic sources. Analytical methods. Design of treatment plant for waste waters. Microbiological effects. Marine pollution. Land pollution and poisonous wastes. Mathematical modelling of the dispersion of liquid effluents.

Module 3. Control of emissions to the atmosphere
(45 lectures and 60 hours of practical work)
Design and operation of stationary combustion plant to minimize emissions. Design of equipment to remove gaseous and particulate pollutants from both combustion and industrial processing sources. Control of emissions from automotive engines. Monitoring of solid and gaseous pollutants.

Module 4. Atmospheric pollution. Noise and radioactive pollution control
(40 lectures and 60 hours of practical work)
Origins of air pollutants. Kinetic modelling of pollutant formation. Analytical methods of measurement. Atmospheric chemistry. Atmospheric dispersion and modelling. Sources of noise, methods of measurement and of control. Environmental radioactivity. Radiation pollution and its control.

Module 5. Research project
An experimental or theoretical investigation, individual to each student, of a problem in pollution control, occupying the final twenty weeks of the course and culminating in the presentation of a dissertation. This project may be carried out at the University or at the candidate's place of employment. In addition students must attend seminars given by speakers drawn from a wide range of industries and research organizations.

The examination will consist of an assessment of the candidate's written and experimental work during the course and of his dissertation; an oral examination may be required.

Exploration Geophysics

This scheme is given by the Department of Earth Sciences in co-operation with the Department of Mining and Mineral Engineering; applications for admission should be made to the head of the Department of Earth Sciences.

The scheme is designed for graduates in physics, earth sciences or geology, mining, or an appropriate combination of two main subjects. Candidates with other qualifications will be considered. The scheme extends over a minimum of one calendar year.

Candidates accepted under the provisions of article 14 of the Ordinance will proceed by:

(a) attending a scheme of advanced study which will include about 160 lectures on the following topics:
    (i) General introduction to geophysics and its application in prospecting and earth structure
    (ii) Gravitational, magnetic, electrical and seismic methods of investigation
    (iii) Digital data processing and computing

(b) attending a course of practical work

(c) carrying through an individual project on some aspect of geophysics.

The examination will consist of three written papers of three hours each and an assessment of the dissertation relating to the project on some aspect of geophysics.

For details of the postgraduate diploma in applied geophysics, see page 108.

Food Engineering

The scheme is given jointly by the Departments of Chemical Engineering, Mechanical Engineering and the Procter Department of Food Science. Applications for admission should be made to the head of the Procter Department of Food Science. The scheme is designed for suitably qualified graduates in chemical engineering, mechanical engineering or some other branch of engineering. The course consists of six modules, the first five of which are each five weeks in duration, the last being a twelve-week project.

The main topics of the first four modules are as follows:

Module 1. (first five weeks of academic year)
Approximately 34 hours' lectures, 14 hours' process calculation tutorials and 30 hours' advanced practical work
An introduction to food processing
Food rheology and fluid flow.

Module 2. (second five weeks of academic year)
Approximately 39 hours' lectures, 12 hours' process calculation tutorials and 30 hours' advanced practical work
Separation, size reduction and mixing processes in the food industry.

Module 3. (first five weeks of second term)
Approximately 26 hours' lectures, 18 hours' process calculation tutorials and 30 hours' advanced practical work
Heat transfer systems in food processing
Canning.

Module 4. (last five weeks of second term)
Approximately 29 hours' lectures, 20 hours' process calculation tutorials and 30 hours' advanced practical work
Freezing and cold storage
Evaporation and drying.

Each of the Modules 1–4 also includes lectures on the chemistry and structure of food (approximately 10 hours per module) and on particle dynamics or control engineering (approximately 5 hours per module). In Modules 1 and 2 there are introductory lectures in chemistry, biology and microbiology (approximately 30 hours' lectures, plus practical work, in each module).

Module 5. Case-study lectures given by practising engineers from the food industry (15–20 hours)
Visits to food processing and food machinery factories (6–8 visits)
Presentation of group literature surveys.

Module 6. A design study or research project prepared as a short dissertation or in some other appropriate form, normally carried out in industry or in a research organization.

Candidates accepted under article 15 of the Ordinance may proceed by a course consisting of the above six modules taken in an acceptable sequence over a minimum period of one calendar year or a maximum of three calendar years. The normal sequence for the first five modules will be either 1, 2, 3, 4, 5, or 1, 3, 2, 4, 5, although in exceptional circumstances other arrangements will be considered. Module 6 may be undertaken during any twelve-week period mutually agreed between the University and industrial company or research organization involved after the candidate has taken at least two modules of the course.

The examination will normally consist of six written papers and an assessment of the dissertation, tutorial and practical work and literature survey. The written examinations will be held in June each year and candidates will present themselves for examination on any of the four module-based papers in the June following completion of the module. The remaining two papers will be taken after completion of Module 5.

Food Science

The scheme, which is given by the Procter Department of Food Science, is designed for suitably qualified graduates in chemistry, biochemistry, chemical engineering, a biological or physical subject together with adequate chemical training or a combined degree in which chemistry or biochemistry is a principal constituent, and will extend over one calendar year. Candidates accepted under the provisions of article 14 of the Ordinance may proceed by a course of advanced study which will include:

(a) Lecture courses totalling approximately 130 hours in the following subjects:

Chemistry and food biochemistry	approximately 40 lectures
Food of animal origin	approximately 30 lectures
Food of plant origin	
cereals and tropical foods	approximately 26 lectures
fruits and vegetables	approximately 14 lectures
Food processing	approximately 23 lectures

(b) A lecture course in *one* of the following subjects:

Instrumentation in food analysis	approximately 10 lectures
Nutritional evaluation of food processing procedures	approximately 10 lectures
Evaluation of sensory properties of foods	approximately 10 lectures

Not all of these topics will necessarily be available in any one year.

(c) Seminar and project work in connection with the lecture courses.

(d) Three courses of advanced practical work in

Food analysis		90 hours
Food technology		84 hours
and *either*	Instrumental analysis of foods	30 hours
or	Nutritional evaluation of food processing procedures	30 hours
or	Evaluations of sensory properties of foods	30 hours

(e) A research project normally starting during the second week of the summer term and extending over approximately twelve weeks, culminating in the presentation of a dissertation by the end of August

(f) Additional lectures from undergraduate courses as required by the head of the Department.

The examination, in September, will normally consist of six written papers and an assessment of the dissertation and laboratory work. An oral examination will be held, normally during the last week of September.

Geochemistry

This scheme is given by the Department of Earth Sciences. Applications for admission should be made to the head of the Department.

The scheme is designed for graduates in the geological and/or chemical sciences, or in physics with an adequate background in geology and chemistry.

The scheme normally extends over a minimum of one calendar year of full-time study commencing in October but in approved circumstances candidates may be permitted to fulfil the conditions of the degree by interrupted full-time study, normally spread over not less than two and not more than three consecutive years.

Candidates proceeding by interrupted full-time study will be required to attend for the first academic term of their first year of study and the second academic term of their second year of study. Such candidates may be required to satisfy the department in such tests as may be prescribed at the end of the first period of full-time study. During the interval between the first and second periods of full-time attendance, these candidates will be required to undertake prescribed written work, which will form part of the overall scheme assessment, under the supervision of a member of the University's staff and to consult with this supervisor on at least four occasions.

SCHEME OF STUDY

All candidates will proceed by:

(a) attending a course of advanced study including about 120 lectures, together with seminars and colloquia covering the following topics*:

(i) Geochemical processes and principles	approximately 40 lectures
(ii) Isotope geochemistry	approximately 20 lectures
(iii) Petroleum geochemistry	approximately 20 lectures
(iv) Ore geochemistry	approximately 20 lectures
(v) Geochemical prospecting and environmental geochemistry	approximately 20 lectures

(b) attending a course of practical work, extending over twenty weeks, involving training in geochemical and mineralogical techniques.

(c) submitting a short dissertation on an individual project involving chemical analysis, with fieldwork and calculations as required.

The examination will normally consist of written papers and assessment of the dissertation and of other work undertaken during the course.

* Candidates may also be required to attend additional lectures in the Department of Earth Sciences and/or other departments.

Integrated Design of Chemical Plant

This is an advanced course organized by the Department of Chemical Engineering. Applications for admission should be made to the head of the Department.

The scheme is designed for suitably qualified graduates in chemical engineering or an allied subject possessing a good honours degree. The course extends over one calendar year and includes the following:

(a) Lectures on the following subjects (total approximately 130 hours):
Process analysis and simulation
Process synthesis
Process optimization including the mathematical bases
Development of mathematical models of process flowsheets and equipment including data estimation
Systems and control engineering
Together with approximately 60 hours drawn from two of the following lecture courses (30 hours each):
Reliability and hazard analysis
Control and scheduling in project management
Advanced equipment design
or approved alternative subjects
Individual syllabuses will be selected following discussion with the course tutor.

(b) Course work consisting of individual and small group investigations involving the application of the above material. This work will occupy about 300 hours in total.

(c) Seminars led by speakers from the chemical industries and visits to industrial centres.

(d) A major industrial project based on site or in the Department, involving investigation of a problem derived from operation of an existing plant or application of present design procedures.

The project will start after assessment of the written examinations which will take place during the first week of the summer term and will extend over approximately twenty weeks culminating in the presentation of a dissertation and an oral examination normally held in the last week of September.

The examination will normally consist of a set of four written papers, together with an assessment of the candidate's course work and project.

Mathematical Education and Mathematics

This part-time scheme is given by the School of Mathematics and the School of Education; applications for admission should be directed to Mr G. T. Wain, Centre for Studies in Science and Mathematics Education. The scheme will extend over two academic years with full use of the long vacation between those years. It will commence in alternate, odd-numbered, years in the first instance. Lectures will be given in two sessions, one of 2 hours and one of 2½ hours per week.

Candidates accepted under the provisions of article 14 of the Ordinance will normally hold an honours degree in mathematics or a related field in addition to a graduate certificate qualification in education and a minimum of three years' teaching experience and will proceed by:

(a) attending courses of advanced studies in the first year in aspects of both pure mathematics and applied mathematics — approximately 72 hours

(b) attending a course of advanced study in mathematical education in the first year and the first term of the second year — approximately 80 hours

(c) attending in the second year a course in either pure mathematics or applied mathematics or statistics — approximately 36 hours

(d) in the second year preparing a short dissertation on an approved topic in pure mathematics or applied mathematics or statistics

(e) preparing a short dissertation on an approved topic in mathematical education in the second year.

The examination will normally consist of written papers, an assessment of course work and of the dissertations and, if the examiners require it, an oral examination.

Medical Physics

The scheme is given by the Department of Medical Physics and both full-time and part-time versions are available. Both versions will extend over two academic years including the long vacation between those years.

A candidate will normally hold a good honours degree in physics or an equivalent qualification and, to be admitted to the part-time course, the candidate normally must have been employed in an approved hospital department or similar organisation for at least one year and must continue in such employment for the duration of the course. Candidates admitted to the full-time course will be provided with similar experience through supervised attachments to medical physics and allied departments in local NHS hospitals. Lectures will be given on one day a week to enable part-time students to attend under day-release arrangements.

Candidates accepted under the provisions of article 15 of the Ordinance will proceed by attending a course of advanced study consisting of:

1. A series of approximately 165 lectures on the following topics:
   Radiation physics and dosimetry — 30 lectures
   Anatomy and physiology; cytology; disease — 30 lectures
   Physics of radiotherapy and diagnosis — 20 lectures
   Medical imaging — 25 lectures
   Radiobiology; radiation and other hazards — 25 lectures
   Medical electronics; computer techniques; statistics — 35 lectures

2. Specified practical work, part of which will be carried out in the candidate's own department and part in the Department of Medical Physics in the University of Leeds.

3. A selected individual project carried out under supervision in the candidate's own department and the preparation of a dissertation based on the project.

Full-time course only

4. Practical experience in several different branches of medical physics obtained through supervised attachments to medical physics and allied departments in local NHS hospitals.

The examination will be held in two parts, Part I at the end of the first and Part II at the end of the second academic year. Candidates must normally satisfy the examiners in Part I of the examination before proceeding to the second year.

Mining Geostatistics

This scheme is arranged by the Department of Mining and Mineral Engineering and applications for admission should be made to the head of that Department. Candidates will normally be graduates in geology, mining geology, mining, mathematics or statistics. The scheme extends over a minimum period of one calendar year and is organized on a modular basis. The period of study may be extended beyond the minimum of one calendar year, but not beyond a maximum of four calendar years. Modules must be taken in numerical order.

Module 1. A geostatistical school (60 hours)
This two-week module is offered at Easter and in the latter half of September. Candidates may attend either school.

Module 2. This module is offered from October to December and comprises the following topics:
Geostatistics (72 hours)
Geostatistical laboratories (100 hours)
Analysis of mine sampling data (24 hours)
Computing (Mathematics 1ME component C1) (20 hours of lectures and laboratories)
Geology 2MI (Mapping) (20 hours)
Geological Sciences 1A (Principles) (30 hours)
Geology 2D (Ore deposits — lectures only) (10 hours).

Module 3. This module is offered between January and March and comprises the following topics:
Geostatistics (78 hours)
Geostatistical laboratories (100 hours)
Geology 2MI (Mapping) (20 hours)
Geology 2D (Ore deposits — lectures only) (10 hours).

Module 4. Candidates will normally begin this module in April and complete it by mid-September. This period may be extended by a maximum of one calendar year, provided that this does not exceed the total of four calendar years.
Geology 2MI (Mapping) (8 hours)
Geology 2D (Ore deposits — lectures only) (4 hours)
Geostatistical project (240 hours)
The project will be a substantial piece of work, and candidates are expected to achieve high standards of presentation.

Graduates in geology, mining geology or mining will normally not be required to read Geology 2MI (Mapping), Geological Sciences 1A (Principles) or Geology 2D (Ore deposits — lectures only); graduates in mathematics or statistics will attend these courses, which will not be examined. Candidates will be examined by the continuous assessment of the geostatistical laboratory projects of Modules 2 and 3, and by the assessment of their final geostatistical project of Module 4.

Physics

This scheme is given by the Department of Physics. It extends over a minimum of one calendar year.

Candidates accepted under the provisions of article 14 of the Ordinance may proceed by:

(a) attending a course of advanced study including about 100 lectures; in the current session these will consist of about 50 lectures on quantum mechanics, together with about 50 lectures on *either*
  (i) the electron theory of solids and special topics in solid state physics (e.g. ferromagnetism, low temperature phenomena, low temperature techniques)
  or (ii) high-energy particles: including a survey of high-energy phenomena and methods and principles of experimentation in this field

(b) carrying out project work in experimental or theoretical physics

(c) preparing a short dissertation on a particular topic.

The examination will normally consist of written papers and assessment of the dissertation and of other work undertaken during the course.

Pure Mathematics

This scheme is given by the Department of Pure Mathematics in the School of Mathematics. It extends over a minimum of one calendar year.

Candidates accepted under the provisions of article 14 of the Ordinance may proceed by:

(a) attending an approved course of advanced study, of about 144 lectures in one session, in a topic or topics of pure mathematics

and

(b) preparing a short dissertation on a designated mathematical topic.

In the current session lectures on the following topics in pure mathematics will be offered:
Algebra
Mathematical logic
Analysis

The examination will normally consist of written papers, an assessment of course work and of the dissertation and, if the examiners require it, an oral examination.

Candidates accepted for the course in pure mathematics will be encouraged to attend, on a non-examinable basis, a course of lectures in another branch of mathematics or related subject.

Statistics

This scheme is given by the Department of Statistics in the School of Mathematics. The scheme is primarily designed for graduates in mathematics whose course of study has included some statistics, but it also provides facilities for graduates in other disciplines who

have studied mathematics and statistics to a suitable level. It extends over a minimum of one calendar year of full-time study.

Candidates accepted under the provision of article 14 of the Ordinance may proceed by advanced study consisting of:

(a) Attendance at about 200 lectures on the following topics:
  (i) Statistical theory and practice: experimental design, inference, applied stochastic processes, sample surveys, multivariate analysis, time series
  (ii) Specialized/vocational topics (selecting 2 out of 3): spatial analysis (geostatistics and ecology), medical statistics, industrial statistics.

Candidates who do not meet the prerequisite standard in statistical methodology, inference and stochastic processes will be given directed reading on these topics during the summer preceding the year of entry to the course. They will be required to attend the necessary lectures given during the first term and will be examined on this material in December/January.

The above list of topics may be varied from time to time at the discretion of the head of the Department.

(b) Attendance at weekly practical sessions which will include:
  (i) instruction in the use of the computer for statistical computation with emphasis on statistical packages and graphical techniques
  (ii) the analysis of data relating to most of the lecture topics leading to the preparation of reports summarizing the conclusion of the analysis.

(c) The preparation of a dissertation on a designated topic.

The examination will consist of written papers on the lecture topics, an open-book written paper on work related to the practical session, continuous assessment of the reports prepared during the practical sessions, an assessment of the dissertation and, if the examiners require it, an oral examination.

Steroid Endocrinology

The scheme of advanced study leading to the degree of Master of Science in Steroid Endocrinology, by examination, is given in the Division of Steroid Endocrinology in the Department of Chemical Pathology, and extends over one calendar year, commencing in October. The course is intended for graduates in chemistry, biochemistry and the biological sciences, including medicine, and will provide theoretical and practical knowledge of steroid endocrinology as a basis for medical, pharmaceutical and agricultural research and for clinical biochemistry.

Candidates accepted under the provisions of article 14 of the Ordinance will proceed by attending a course of advanced study consisting of:

1. A series of approximately 100 lectures, by the staff of the Division of Steroid Endocrinology and the Department of Chemical Pathology, and by invited speakers from other departments in the University and from the pharmaceutical industry

2. Weekly tutorials designed primarily to develop the students' critical judgement of published experimental data

3. A series of demonstrations and practical exercises in specialized techniques relevant to research and clinical investigations in steroid endocrinology

4. Practical instruction and laboratory exercises in the estimation of steroids of biological and clinical significance

5. A research problem on which a dissertation will be presented.

The examination will consist of:

(a) written papers consisting of a multiple-choice section and questions on all aspects of the theoretical and practical course and on subjects outside the lectures but relevant to the field of steroid endocrinology

(b) an assessment of the dissertation on a research problem in the field of steroid endocrinology

(c) an assessment of the students' progress during the year

(d) an oral examination.

Textile Dyeing and Finishing

The scheme is arranged jointly by the Departments of Colour Chemistry & Dyeing and of Textile Industries. Applications for admission should be made to the head of the Department of Textile Industries. Studies extend over a minimum of one calendar year starting in October.

Candidates accepted under the provisions of Article 14 of the Ordinance must normally hold a first- or second-class degree in science or an approved branch of applied science, such as chemical engineering.*

The scheme consists of the following courses of lectures:

In the Department of Colour Chemistry & Dyeing:

1. Introductory coloration (approximately 24 lectures)
2. The science and practice of textile coloration (approximately 24 lectures)
3. Developments in textile coloration (approximately 24 lectures)
4. Colour measurement (approximately 24 lectures).

In the Department of Textile Industries:

1. The science and practice of textile finishing (approximately 48 lectures)
2. Surface activity and fluid flow (approximately 24 lectures and seminars)
3. Fibre structure and properties (approximately 24 lectures).

Candidates will also carry out appropriate practical work and will be required to present a dissertation on some aspect of textile wet processing. The final examination will normally consist of four papers and, if the examiners require it, an oral examination.

* Applicants who have been awarded the M.Sc. in Fibre Science and Technology or the M.Sc. in Textile Science and Engineering of this University shall be eligible for admission to this scheme of study only if they have not already undertaken courses and specialist courses in Textile Dyeing and Finishing.

Textile Science and Engineering

The scheme is arranged by the Department of Textile Industries and applications for admission should be made to the head of that Department. Studies extend over a minimum period of one calendar year starting in October.

Candidates accepted under the provisions of Article 14 of the Ordinance must normally hold a first- or second-class honours degree in science, or an approved branch of applied science or engineering.

The following courses will normally be available:

Principal courses (approximately 48 hours of lectures per course)

P1 Coloration technology (given by the Department of Colour Chemistry)
P2 Theory of yarn formation and processing
P3 Theory of fabric formation
P4 Science and practice of textile finishing
P5 Production and processing of textiles from synthetic polymers

Subsidiary courses (approximately 24 hours of lectures per course)

S1 The chemistry of cellulosic fibres
S2 The chemistry of protein fibres
S3 The chemistry of synthetic fibres
S4 Production of man-made fibres from natural polymers
S5 The chemical reactivity and degradation of synthetic polymers
S6 The physical structure and properties of synthetic fibres
S7 Modern aspects of yarn production
S8 Mechanical properties of yarns
S9 Mechanical properties of fabrics
S10 The technology and mechanics of yarn winding
S11 Advanced statistical techniques with textile applications

Not all courses on this list will necessarily be available in any one year, and new courses may be added from time to time.

Candidates will attend

Either	*three* principal courses and *two* subsidiary courses
Or	*two* principal courses and *four* subsidiary courses.

Candidates will also carry out appropriate practical work and will be required to present a dissertation on some aspect of textile science or engineering.

The final examination will normally consist of four three-hour papers, or their equivalent, and, if the examiners require it, an oral examination.

Prescribed Schemes of Study for the Degree of Master of Science (Engineering) in the Faculty of Engineering

Civil Engineering in Hot Climates*

The scheme of study is arranged by the Department of Civil Engineering and is suitable for graduates in civil engineering. This scheme is not available to persons who have been awarded the M.Eng. or M.Sc.(Eng.) degree in Tropical Public Health Engineering.

The course normally extends over a minimum of one calendar year and includes:

(a) Lectures on the following subjects:

Development economics and planning	approximately 30 lectures
Civil engineering project appraisal	approximately 10 lectures
Management techniques	approximately 20 lectures
Energy	approximately 20 lectures
Civil engineering materials	approximately 30 lectures
Aerial and land surveying	approximately 10 lectures

and *two* of the following:

Construction engineering	approximately 30 lectures
Tropical public health engineering	approximately 30 lectures
Irrigation engineering	approximately 30 lectures
Highway engineering	approximately 30 lectures
Transport planning and management	approximately 30 lectures
An approved alternative subject	approximately 30 lectures

(b) *Either* a dissertation on a topic approved by the head of the Department, normally chosen with regard to the candidate's particular interest and experience,
or a design project and a long essay on a topic approved by the head of the Department.

(c) Attendance at local field courses and site visits as arranged by the Department.

The examination will consist of four 3-hour papers and two 2-hour papers together with assessment of course work and either the dissertation or the design project and long essay. An oral examination may be required.

Construction Engineering

The scheme is arranged by the Department of Civil Engineering and is suitable for graduates in civil engineering or an allied subject. Full-time and part-time versions of the scheme are available, both of which commence in October, and candidates may, with the approval of the head of the Department of Civil Engineering, select the groups of subjects which they study so that their studies centre principally *either* on Concrete in Construction *or* on Management in Construction.

* Scheme not available in session 1987–88.

The full-time course normally extends over one calendar year. The part-time course extends over two calendar years, with attendance on two to three half days and one evening per week, dependingon subjects selected. There will also be a period of one week's full-time study.

The course will include:

(a) Lectures in the following subjects:

Group A — Concrete in construction	
Concrete structures – elements	(30 lectures)
Concrete structures – design	(30 lectures)
Concrete materials	(30 lectures)
Concrete construction	(30 lectures)
Group B — Management in construction	
General management in construction	(20 lectures)
Construction economics	(20 lectures)
Project management	(20 lectures)
Engineering management techniques	(40 lectures)
Statistical methods	(20 lectures)
Group C	
Computer applications*	(20 lectures)
Group D	
Foundation engineering	(20 lectures)
Law and contract	(20 lectures)
Pavement design	(20 lectures)
Highway construction methods	(20 lectures)
Civic design and architecture	(20 lectures)

or other courses with the approval of the head of Department.

Both full-time and part-time students may study
either:
all the subjects in Groups A and C as compulsory subjects with optional subjects chosen from Groups B or D;
or:
all the subjects in Groups B and C as compulsory subjects with optional subjects chosen from Groups A or D.

The minimum examinable lecture hours will be 160.

(b) Individual and small group projects involving the application of the above material
(c) Visits to construction sites
(d) Seminars led by speakers from industry
(e) A dissertation normally amounting to about 20,000 words on an approved topic chosen with regard to the candidate's particular interest and experience.

The examination for both courses will normally consist of separate written papers on each topic (except Group C) and assessment of the dissertation and coursework. An oral examination may be given.

* Assessed only as coursework

Transport Planning and Engineering

The scheme is given in the Department of Civil Engineering, in conjunction with the Institute for Transport Studies, and is available as both a full-time and a part-time scheme. Applications for admission should be made to the director of the Institute for Transport Studies.

The scheme is designed for graduates in such subjects as civil engineering, architecture, town planning and geography with a content considered relevant to the subject matter of the scheme. The full-time scheme normally extends over one calendar year. The part-time scheme extends over two calendar years and candidates are expected to attend for 1½ days per week over two terms in each year.

Candidates accepted under article 14 of the Ordinance will proceed by:

(a) attending a course of advanced study which will include 155 lectures
Candidates will be required to attend the lecture courses in the following three subjects:
Transport planning and policy (25 lectures)
Transport engineering (25 lectures)
Analytical methods (25 lectures)

and in a selection of four subjects from those listed below:

Transport infrastructure design	20 lectures
Planning and design	"
Traffic management	"
Route surveying	"
Pavement design	"
Highway construction methods	"
Land use and transport models in urban planning	"
Freight transport planning and management	"
Economic evaluation in transport planning	"
Transport and environmental planning	"
Traffic modelling	"
Statistical methods	"
Public transport planning and management	"
Transport planning in developing countries	"

Not all of these subjects will necessarily be available in any one year.

With the approval of the head of the Department an alternative subject may be offered for *one* of the optional subjects listed above.

(b) completing required coursework in connection with the above subjects.

(c) presenting a dissertation on a study project on an approved aspect of transport planning and engineering.

Candidates will also be required to attend the course of lectures on Computer Programming and Applications, but will not be examined in this subject.

EXAMINATIONS

The examinations will normally consist of three-hour written papers in each of the three compulsory subjects and in each of the four options, together with assessment of the dissertation and course work.

An oral examination may be given.

Tribology in Machine Design

The scheme is given by the Department of Mechanical Engineering; applications for admission should be made to Professor Dowson, Director of the Institute of Tribology. The scheme of full-time advanced study extends over a period of one calendar year commencing in October.

The course considers the important fundamentals of tribology and uses these to address the major theme, the design of tribological machine elements which are vital to the effective functioning and economic performance of commerce and industry. Particular emphasis is given to the latest computer-aided engineering techniques for the design of bearings, gears, seals etc, and to practical industrial applications.

Candidates will normally be suitably qualified graduates in mechanical engineering, mathematics, physics or other appropriate disciplines and will proceed by advanced study consisting of:

(a) introductory lectures totalling approximately 80 hours in: design; tribology; engineering science; materials; computing and computer-aided design.

(b) a series of lectures totalling approximately 160 hours on advanced topics including: selection and design of tribological machine elements; reliability; industrial design; production and costing; special topics in tribology.

(c) Laboratory work, seminars and industrial visits associated with the lecture course (totalling approximately 60 hours).

(d) Coursework comprising assignments and a substantial professional design study (totalling approximately 450 hours).

EXAMINATION:
The final examination will normally consist of five written papers: Mechanics and Materials; Tribology I — Fundamentals; Tribology II — Applications; Analysis and Design of Tribological Components I and II; together with an assessment of coursework and, if the examiners require it, an oral examination.

Tropical Public Health Engineering

The scheme of study is arranged by the Department of Civil Engineering and is suitable for graduates in civil engineering; graduates in other branches of engineering may be admitted to the course if they have adequate experience. This scheme is not available to persons who have been awarded the M.Eng. or M.Sc.(Eng.) degree in Civil Engineering in Hot Climates.

The course normally extends over a minimum of one calendar year and includes:

(a) Lectures on the following subjects:

Low-cost water supply and sanitation	approximately 20 lectures
Urban water supply	approximately 20 lectures
Tropical wastewater engineering	approximately 20 lectures
Wastewater engineering	approximately 40 lectures
Sanitary microbiology	approximately 15 lectures
Solid waste management	approximately 15 lectures

Irrigation engineering	approximately 20 lectures
Communications support	approximately 20 lectures
Development sociology	approximately 10 lectures
Project appraisal	approximately 10 lectures
Management techniques	approximately 20 lectures

(b) *Either* a dissertation on a topic chosen with regard to the candidate's particular interest and experience,
or a design project and a long essay on a topic approved by the head of the Department.

(c) Attendance at local field courses and site visits as arranged by the Department.

The examination will consist of six written papers and assessment of coursework and either the dissertation or the design project and long essay. An oral examination may be required.

Prescribed Schemes of Study for Diplomas in the Faculties of Science and Engineering

DIPLOMAS

Dyeing

The diploma may be awarded to students gaining the degree of Bachelor of Science in colour chemistry who have attained a sufficiently high standard in the honours scheme.

POSTGRADUATE DIPLOMAS

Chemical Engineering

The scheme of study is primarily intended for graduates (or those who hold qualifications accepted by the Senate in lieu of a degree) who wish to follow a career in the chemical and allied industries, as well as for graduates who have been employed in industry and who wish to improve their formal training in modern theory and practice.

The scheme of study will normally extend over one calendar year starting in October and will include the following courses of lectures, laboratory and project work.

Compulsory course

Approximately 168 hours of lectures, 40 hours of laboratory work and 160 hours of project work.

Particulate Systems, Fluid Separations, Reaction Engineering, Fluid Mechanics, Heat Transfer, Production Project Development, Utilities, Design Project

Optional courses

(a) Each approximately 21 hours of lectures
1. Process Control
2. Heterogeneous Catalysis
3. Reaction Kinetics
4. Corrosion
5. Mathematical Methods

(b) Aproximately 30 hours of tutorials
6. Computer Methods

(c) Approximately 42 hours of lectures
7. Process Economics

Candidates will be required to take the compulsory course, plus *either* (a) four of the optional courses 1 to 6

or (b) optional course 7 and two of the optional courses 1 to 6.
They will also be required to present additional work, e.g. dissertations, whose form will be determined by the staff for the chosen topic, requiring for preparation approximately 8 weeks full-time.

The final examination will consist of:

(i) four 3-hour papers or their equivalent relating to the compulsory course, plus an assessment of laboratory work reports equivalent to one paper and an assessment of the design project equivalent to two papers;
(ii) two 3-hour papers or their equivalent relating to the optional courses; and
(iii) an assessment of the additional work equivalent to two papers.

The diploma may be awarded with distinction to a candidate whose work is judged to be of outstanding merit.

Clothing Technology

The scheme of study is primarily intended for graduates (or those who hold qualifications accepted by the Senate in lieu of a degree) who wish to take up a career in the clothing industry, as well as for graduates who have been employed for some years and wish to have formal training in modern theory and practice.

The scheme of study will normally extend over one calendar year starting in October, and will include the following courses of lectures and practical work:

1. *Clothing technology*
   Approximately 120 hours of lectures, seminars and practical work.
   Theory and practice of garment construction; research in the clothing industry; physiological aspects of clothing.

2. *Textile technology*
   Approximately 180 hours of lectures, seminars and laboratory work.
   Fibre technology; yarn and fabric technology; textile testing, textile finishing.

3. *Textile mathematics*
   Approximately 72 hours lectures and tutorials.
   Textile calculations; statistics.

4. *Management*
   Approximately 96 hours lectures and practicals.
   Accounting, computing, operations research.

Candidates will be required to take all the above courses.

The final examination will consist of five three-hour papers, or their equivalent. Candidates will also be required to present a dissertation on an approved clothing topic.

A diploma with distinction may be awarded to a student whose work is judged to be of outstanding merit.

Food Science

The scheme of study extends over one or two years and is primarily intended for graduates in pure science or chemical engineering and for non-graduates whose qualifications have been accepted by the Senate in lieu of a degree. Individual schemes of study will be determined in relation to the qualifications of the candidates and will include some or all of the following:

1. Preliminary training in food science selected from the scheme leading to the degree of Bachelor of Science with honours, with additional work in pure science as required
2. Advanced training in food science based on courses from the final year of the scheme leading to the degree of Bachelor of Science with honours
3. Further advanced study and research in food science or related fields.

Fuel and Energy, Metallurgy, Applied Geophysics, Mining Engineering, and Mineral Engineering

Schemes of study extending over one, two or three years lead to the postgraduate diplomas in fuel and energy, metallurgy, applied geophysics, mining engineering and mineral engineering. They have been designed primarily to provide systematic training in advanced technology for graduates in pure science or in engineering and for non-graduates whose qualifications have been accepted by the Senate in place of a degree. Applications for admission should be made to the head of the appropriate department.

The diplomas may be awarded with distinction to a candidate whose work is judged to be of outstanding merit.

Individual schemes of study will be determined in consideration of the qualifications of candidates and will include some or all of the following:

A. Preliminary training in technological subjects with additional work in pure science and engineering as required

B. Advanced study in technology based on appropriate courses prescribed for the Bachelor's degree with honours.

Well-qualified graduates will normally take B only and may qualify for a diploma after one year of attendance.

Non-graduates will normally take A and B consecutively and may then qualify for a diploma after two years of attendance.

History and Philosophy of Science

The diploma is given by the Division of the History and Philosophy of Science in the Department of Philosophy; applications for admission should be made to the head of the Division.

Candidates wishing to enter upon the scheme for the postgraduate diploma in the history and philosophy of science must have graduated in science at an approved university or hold qualifications accepted by the Senate as equivalent. In exceptional cases applications from graduates in non-science subjects may be considered.

Each candidate will be required to pursue a course of study in the history and philosophy of science for a period of not less than three terms if a full-time student, or six terms if a part-time student. Part-time students will be required to attend for formal instruction in the University on at least two half-days a week, and also do written work.

The examination at the end of the course will consist of four papers:

(a) The history of the natural sciences (2 papers).

(b) The science of an approved special period *or* The history of an approved special science (1 paper).

(c) Philosophy of science (1 paper).

Subject to the approval of the head of the Division, candidates may be examined in part by continuous assessment. For one of the papers in (a) and the paper in (b) candidates may submit three essays in each case, at times to be determined.

Candidates will be expected to have knowledge both of the growth of ideas and techniques within the natural sciences and of the social and intellectual background to the development of science.

The diploma may be awarded with distinction to a candidate whose work is judged to be of outstanding merit.

Psychotherapy

The course is given in the Departments of Psychiatry and Psychology and extends over two years part-time. Application should be made to the Department of Psychiatry. Applicants wishing to be considered for acceptance as candidates for the diploma should normally:

(1) be graduates of an approved university, preferably in psychology, social science, sociology or medicine, or in a subject closely related to the behavioural sciences

(2) hold professional qualifications in psychology, psychiatry or social work, although consideration may be given to graduate psychologists, teachers and residential care staff in Community Homes, Borstals and H.M. Prisons

(3) be currently employed in a capacity which enables them to engage in psychotherapeutic work which is adjudged by the course supervisors to be directly relevant to the course content.

During the first year of the scheme the emphasis will be upon the application of psychology to the treatment of individuals. The second year will concentrate upon methods of group therapy, although students will be expected to maintain a close involvement with those individual patients/clients who are already in treatment.

Formal teaching will consist of approximately twenty evening sessions a year held during the autumn and spring terms. During the summer term candidates will continue to submit written work for assessment. During the summer between the first and second years of the course candidates will be expected to attend a short residential course; the cost of this residential course is not included in the fee for the scheme.

Candidates will be examined by continuous assessment. This will include:

(1) Essays submitted during the two-year period

(2) Supervisors' reports

(3) A detailed case study of approximately 5,000 words. This may be an individual case study, a report of group therapy or of a community institution or hospital ward setting.

Textile Industries

The scheme of study is primarily intended for graduates (or those who hold qualifications accepted by the Senate in lieu of a degree) who wish to take up a career in the textile industry, as well as for graduates who have been employed for some years and wish to have formal training in modern theory and practice.

The scheme of study will normally extend over one calendar year starting in October, and will include the following courses of lectures and laboratory work:

Compulsory courses

1. *Textile Science*
   Approximately 48 hours of lectures
   Textile physics; textile chemistry

2. *Textile Technology*
   Approximately 132 hours of lectures
   Laboratory work
   Fibre technology; yarn and fabric technology; textile testing.

3. *Textile Mathematics*
   Approximately 72 hours of lectures and tutorials
   Textile calculations; statistics

4. *Textile Management*
   Approximately 72 hours of lectures and practicals
   Accounting; computing.

Optional courses

Each approximately 144 hours of lectures and practicals.

5. Yarn Manufacture.

6. Fabric manufacture.

7. Dyeing and finishing

Candidates will be required to take *all* of the courses 1–4, and *one* of the courses 5–7.

The final examination will consist of five three-hour papers, or their equivalent. Candidates will also be required to present additional work, e.g. essays, a dissertation, the form of which will be decided by the staff responsible for the specialised option chosen. This work will be assessed and will be equivalent to one further paper.

A diploma with distinction may be awarded to a student whose work is judged to be of outstanding merit.

The postgraduate diploma in textile design

For details of the scheme of study see the Calendar, *Faculties of Arts and Economic & Social Studies*.

Courses in the Faculties of Science and Engineering

The following pages give information concerning courses given in the Faculties of Science and Engineering. At the end are given details of courses taught by departments in other faculties but which are included in schemes of study for the degrees of B.Sc. or B.Eng. The information is arranged under the Faculty heading and within the Faculties subjects are listed under the departments teaching the subjects in alphabetical order.

The name of each course is given first followed by the number of hours a week or the days and times of lectures where these are sufficiently firmly established. There is a brief indication of the course content and, where appropriate, particulars of the examination relating to the course.

Admission to a second-level course normally requires satisfactory performance at A-level or in a first-level course in that subject or, in certain specified instances, in two or more related subjects. Third- and fourth-level courses normally require previous satisfactory performances in the corresponding second- and third-level courses respectively. Examinations set in connection with such courses may cover the content of the previously required courses. Examinations are of three hours' duration unless otherwise specified.

Enquiries relating to courses should be addressed to the head of the appropriate department.

Faculty of Science

Agricultural Sciences

Agricultural Biology 1Z(A)

Lectures: 3 hours from: Monday, Wednesday 2, Tuesday, Wednesday, Thursday 9, Tuesday 5, Friday 9.

Practicals: 5 hours from: Monday 2–5, Thursday 2–5, Friday 10–12, 2–4.

Three options from: higher plants; plant pathology; applied invertebrate zoology; animal nutrition; histology and embryology.

EXAMINATION: One 1½-hour paper and assessment of practical work. A practical and/or an oral examination may be required.

Agricultural Chemistry 1CH

A course in the chemistry of crops and soils.

Lectures: Tuesday, Wednesday 9, Friday 11; laboratory work: Wednesday 2–5.

Soil chemistry, physics and microbiology; pedology; soil fertility and mineral nutrition of plants; crop protection chemistry; chemistry of plant products.

EXAMINATION: 1 paper and assessment of practical work. A practical examination may be required.

Agricultural Chemistry 2A

A course in the chemistry of crops and soils.

Lectures: Tuesday, Wednesday 9, Friday 11; laboratory work: Tuesday *or* Wednesday 11–1 and 2–4.

Soil chemistry, physics and microbiology; pedology; soil fertility and mineral nutrition of plants; crop protection chemistry; chemistry of plant products.

EXAMINATION: 1 paper and assessment of practical work. A practical examination may be required.

Agricultural Chemistry 2H

A course in the chemistry of crops and soils.

3 lectures and 4 hours' practical work a week.

Soil chemistry, physics and microbiology; pedology; soil fertility and mineral nutrition of plants; crop protection chemistry; chemistry of plant products; quantitative methods.

EXAMINATION: 1 paper and assessment of practical work. A practical examination may be required.

Agricultural Chemistry 3H

An advanced course in soil science, plant nutrition and the chemistry of crop protection, which normally requires successful completion of Agricultural Chemistry 2H.

EXAMINATION: 4 papers, assessment of practical and project work and an oral examination. A practical examination may be required.

Agricultural Industry 1Z(B)

Lectures: Tuesday, Wednesday, Thursday 9. Practicals: Twelve field classes Thursday 2–5. Twelve discussion classes Friday 10–12.

An introduction to the agricultural industry. Economic, social and biological factors in world agriculture. Structure and importance of British agriculture. Crop and livestock production. The impact of science on agriculture.

EXAMINATION: One 1½-hour paper and assessment of course work.

Agricultural Science 2H(A)

3 lectures a week and 3 hours' laboratory work a week.

Pastures, their composition and utilization; conservation and storage of grass; the influence of physiology, nutrition and environment on growth, development, reproduction and lactation in farm animals; animal breeding; practice of nutrition.

EXAMINATION: 1 paper and assessment of practical work. A practical examination may be required.

Agricultural Science 2H(B)

3 lectures a week and 3 hours' laboratory work a week and up to 8 field classes and demonstrations.

Crop ecology; the effect of the aerial environment on crops; soil management; weeds and weed control; crop-infesting nematodes and insects; viruses, bacteria and fungi as plant pathogens. Pastures, their composition and utilization; conservation and storage of grass.

EXAMINATION: 1 paper and assessment of practical work. A practical examination may be required.

Agricultural Science 3H(A)

5 lectures a week, field-classes and laboratory work with tutorial classes and seminars.

General animal physiology, nutritional physiology; applied animal physiology; production systems, efficiency of production. The practical work of one term will consist of group projects.

EXAMINATION: 5 papers, an assessment of practical and project work and an oral examination. A practical examination may be required.

Agricultural Science 3H(B)

An advanced course in the science of crop production and protection which normally requires successful completion of Agricultural Science 2H(B).

EXAMINATION: 4 papers, assessment of practical and project work and an oral examination. A practical examination may be required.

Agricultural Zoology 1Z(A)

Lectures: Monday, Wednesday, Friday 12; practicals: weeks 1–4, 9–12: Wednesday 2–4, Thursday 2–5; weeks 5–8: Monday 2–5, Wednesday 2–4.

An introduction to the nature of crop pest problems including arthropods, nematodes, mammals, birds and molluscs; functional morphology and classification of insects with particular reference to orders and families of agricultural, medical and veterinary importance; an introduction to medical and veterinary parasitology.

EXAMINATION: One 1½-hour paper and assessment of practical work. A practical and/or an oral examination may be required.

Agricultural Zoology 2A

3 lectures and 5 hours' laboratory work a week.

Crop entomology and nematology. Veterinary and medical protozoology, helminthology, entomology and immunology.

EXAMINATION: 1 paper and assessment of practical work. A practical examination may be required.

Agricultural Zoology 2H

3 lectures and 5 hours' laboratory work a week.

Immunology. Veterinary and medical protozoology, helminthology, and entomology. Crop entomology and nematology.

EXAMINATION: 1 paper and assessment of practical work. A practical examination may be required.

Agricultural Zoology 3H

4 lectures a week and laboratory work with tutorial classes and seminars. The work will include an individual experimental project and an individual taxonomic project.

Advanced study of crop entomology, crop protection, nematology, insect physiology, soil zoology, arthropod-borne disease, zoonoses, parasite physiology, immunology, veterinary pathology, statistics, environmental pollution.

EXAMINATION: 5 papers, practical examinations, an oral examination and assessment of projects, course work and seminars.

Animal Physiology and Nutrition 1Z(A)

3 lectures and 3 hours' laboratory work a week.

Statistics, computing and laboratory techniques.

EXAMINATION: 1 paper and continuous assessment of practical work.

Animal Nutrition and Physiology 2A

For admission to this course students must have successfully completed the course Biochemistry 1A.

3 lectures and 5 hours' laboratory work a week.

The digestion, absorption and metabolism of carbohydrates, lipids, proteins, macro- and micro-elements and vitamins with particular reference to the pig, fowl and ruminant. The assessment and development of feeding standards for farm animals.

EXAMINATION: 1 paper, a series of essays and an assessment of practical work. A practical examination may be required.

Animal Nutrition and Physiology 2B

3 lectures and 3 hours' laboratory work.

Anatomy and physiology of farm animals with particular reference to endocrinology, reproduction, lactation, growth, digestion, and temperature regulation.

EXAMINATION: 1 paper, a series of essays and an assessment of practical work. A practical examination may be required.

Animal Nutrition and Physiology 2H

For admission to this course students must have successfully completed the course Biochemistry 1A.

3 lectures and 5 hours' laboratory work per week, together with a course in statistical methods.

The digestion, absorption and metabolism of carbohydrates, lipids, proteins, macro- and micro-elements and vitamins with particular reference to the pig, fowl and ruminant. The assessment and development of feeding standards for farm animals.

EXAMINATION: 1 paper, a series of essays, a statistics paper and assessment of practical work. A practical examination may be required.

Animal Nutrition and Physiology 3H

5 lectures a week and practical work with tutorial classes and seminars. Group projects during one term.

Nutritional physiology of animals; animal physiology; nutritional biochemistry of animals; applied physiology; advanced animal nutrition.

EXAMINATION: 5 papers, assessment of practical and project work and an oral examination. A practical examination may be required.

Anatomy

Anatomy 1PS

Times to be arranged.

A course in neuroanatomy.

EXAMINATION: 1 paper.

Anatomy 2IM

Times to be arranged.

Systematic human anatomy, advanced embryology, histology.

EXAMINATION: 1 paper.

Anatomy 3IM

Times to be arranged.

Selected advanced topics in cytology, comparative morphology, techniques of histochemistry, tissue culture, electron microscopy and other special fields.

EXAMINATION: 3 papers and an oral examination; a practical examination may be required.

Animal Nutrition and Physiology (See Agricultural Sciences)

Biochemistry

Biochemistry 1A

Lectures: Monday, Wednesday, Friday 12; laboratory work: Tuesday *or* Wednesday *or* Thursday 2–5. Seminars at times to be arranged.

A general survey of the metabolism of carbohydrates, lipids, proteins and nucleic acids and of biochemical genetics.

EXAMINATION: 1 paper. An oral examination may be required.

Biochemistry 1BI

Lectures: Monday, Wednesday 12; Friday 10, 12; computing classes (1st term) Wednesday 10–12; laboratory work: Thursday 2–5. Seminars at times to be arranged.

A course which includes all the lectures of Biochemistry 1A together with lectures on quantitative biochemistry (including statistical aspects and computing).

EXAMINATION: One 3-hour paper on the work of Biochemistry 1A and one 1-hour paper on quantitative biochemistry. An oral examination may be required.

Biochemistry 1Z(A) and 1Z(B)

Lectures: Monday, Wednesday, Friday 12; laboratory work: Wednesday *or* Thursday 2–5.

The concept of the unity of life and the structural complementarity will be developed by consideration of protein structure, respiration and the metabolism of carbohydrates, lipids and amino acids; and the biochemistry of nucleic acids and protein synthesis. The physical chemical processes of protein separation and purification; enzyme kinetics; and the free energy relationship of biochemical reactions are included.

EXAMINATION: One 1½-hour paper and assessment of laboratory work.

Biochemistry 2A

Lectures: Tuesday, Thursday, Friday 9; 5 hours' practical laboratory work: Thursday 10–5. Seminars at times to be arranged.

A general course on cell structure and function at the molecular level, including membranes, metabolism and its regulation, and techniques.

This course normally requires previous attendance at Biochemistry 1A.

EXAMINATION: 2 papers and an assessment of laboratory course work. An oral examination may be required.

Biochemistry 2BI

Lectures: Tuesday, Thursday, Friday 9; Tuesday, Thursday 11; Thursday 2; laboratory work: Monday 10–5, Tuesday 2–5, Friday 10–1. Seminars at times to be arranged.

A course which includes all the lectures of Biochemistry 2A together with problems classes on data evaluation and lectures on special aspects of enzymology, regulation, structure and techniques.

EXAMINATION: 3 papers and assessment of laboratory course work. An oral examination may be required. Performance in the second year will be taken into account in assessing the result of the final examination.

Biochemistry 3A

Lectures: Monday, Wednesday 9, Thursday 12; practical laboratory work: 10 hours a week at times to be arranged. Seminars at times to be arranged.

An advanced course including a discussion of protein structure and evolution, bio-energetics, immunology, and molecular biology.

This course normally requires previous attendance at Biochemistry 2A, but a student qualified to attend Biochemistry 2A may be permitted to attend Biochemistry 3A concurrently.

EXAMINATION: 2 papers. An oral examination and assessment of one essay and of laboratory course work. Work done in Biochemistry 1A and 2A will be covered.

Biochemistry 3BI

Lectures: Monday, Wednesday 9, Tuesday 2, Thursday 12, 2, 4; practical work for three days a week in the first term and a research project to be undertaken in the second term. Seminars at times to be arranged.

A course which includes all lectures of Biochemistry 3A together with lectures on selected topics of advanced biochemistry and molecular biology.

EXAMINATION: (covering topics in each year of course): 4 papers, an oral examination and assessment of one essay, a research project and laboratory course work. Performance in the second year will be taken into account in assessing the result of the final examination.

Biochemistry 3IM

6 lectures a week, practical work for three days a week in the first term and a research project to be undertaken in the second term. Seminars at times to be arranged.

The course comprises an extended and more detailed study of biochemistry with emphasis on mammalian and medical biochemistry.

EXAMINATION: 4 papers, an oral examination and assessment of one essay, a research project and laboratory course work.

Biophysics and Molecular Biophysics

Biophysics 1A and Molecular Biophysics 1BP

As for Biophysics 1Z(A) together with Biophysics 1Y(B).

EXAMINATION: 1 paper and assessment of practical work.

Biophysics 1Y(B)

Lectures: Monday 10, Thursday 9, Friday 11; laboratory work: Wednesday 2–5 *or* Thursday 2–5. Tutorials as arranged.

Structural biology; structural organization in wood, muscle and membranes; the physical methods (microscopy, diffraction, spectroscopy) used to study structural properties at different levels.

Structure of molecules; energy levels in molecules and the spectroscopic methods used to explore transitions and dynamics of molecules and assemblies.

Bioenergetics and the utilization of energy in biological processes.

EXAMINATION: One 1½-hour paper and assessment of laboratory work during the course.

Biophysics 1Z(A)

Lectures: Monday 10, Thursday 9, Friday 11; laboratory work: Wednesday 2–5 *or* Thursday 2–5. Tutorials as arranged.

Introduction to the 3-dimensional structures and conformational properties of biological macromolecules and to the forces that stabilize molecular structures and interactions, based upon consideration of proteins, polysaccharides and nucleic acids.

The methods used to study the properties of macromolecules in solution.

The role of these molecules in cell metabolism and the coordination of metabolic processes to meet the needs of the cell.

EXAMINATION: One 1½-hour paper and assessment of laboratory work during the course.

Biophysics 2A and Molecular Biophysics 2BP

Lectures: Monday 12, Tuesday 10, 5; and a maximum of 6 hours' laboratory work a week with tutorials as arranged.

The chemistry, isolation and purification of biological macromolecules; methods of study in the solid and in solution; symmetry in crystals, molecules and macromolecular assemblies; image formation; optical and electron microscopy; X-ray diffraction; spectrometers; spectroscopy of biomolecules.

EXAMINATION: 1 paper, assessment of essays, problems and practical work.

Biophysics 3A

3 hours' lectures and approximately 6 hours' laboratory work a week with tutorials and seminars as arranged.

The course comprises a selection of advanced topics in biophysics from those available in Biophysics 3BP and 4BP.

EXAMINATION: 2 papers, an oral examination, assessment of essays, project and practical work.

Molecular Biophysics 3BP

6 hours' lectures, 6 hours' laboratory work a week with problem classes and tutorials as arranged.

Three-dimensional structure and function of proteins; biological contractility (structure,

biochemistry, thermodynamics, energetics); molecular spectroscopy and bonding; enzymic and chemical catalysis; wave motion and vibration; Fourier transforms; cell biology, cell walls and polysaccharides; medical imaging.

EXAMINATION: 3 papers, assessment of essays, problems and practical work.

Molecular Biophysics 4BP

6 lectures, tutorials, seminars and laboratory work as arranged.

X-ray crystallography, quantum mechanics and spectroscopy; solution and bulk properties of macromolecules; biological specificity and recognition; structure and function of nucleic acids, genes and viruses; states of matter; electro-magnetism and electronics.

EXAMINATION: 4 papers, an oral examination, assessment of essays, project and practical work.

Biotechnology

Biotechnology 2Z(B)

Lectures: Tuesday 12, Wednesday 10, 12; laboratory work, seminars and problem classes, Tuesday 2–5; other seminars and an industrial visit at times to be arranged.

Engineering design principles as applied to fermentations and product recovery. Advanced topics in microbial growth and other topics.

EXAMINATION: 1 paper and assessment of course work. An oral examination may be required.

Biotechnology 3BL

Lectures: Tuesday 10, Wednesday 10, Thursday 11, 2, Friday 9, 11; practical laboratory work Monday 10–5 in the first term and a research project to be undertaken for two days a week in the first term and three days a week in the second term. Seminars and industrial visits at times to be arranged.

(A) recombinant DNA technology, exploitation of somatic animal cells, immunological methods, manipulation of plant cells, and other topics in applied molecular genetics.

(B) immobilized enzymes and cells, micro-organisms in biotechnology, use of structural data in design of drugs and enzyme analogues, photochemical and photobiological energy and biomass production and other topics in applied biochemistry and microbiology.

EXAMINATION: (covering material from the final two years of the course): 4 papers, quantitative and data assessment exercises, assessment of the project and an oral examination.

Botany (See Plant Biology)

Chemical Pathology

Chemical Pathology 3IM

5 or 6 hours' tuition a week, 4 days' laboratory work and seminars.

The course is designed to provide (1) more detailed study of the biochemical bases of disease, especially the relation of disease to normal biochemical processes and the role of biochemical polymorphism in disease, and (2) further experience in the handling of quantitative data, especially clinical biochemical data. It comprises an orientation course, which includes instrumentation, selected topics within the general theme of molecular lesions (inborn, parasitic and environmental), and study of selected patients. The second term will include a project leading to a dissertation.

EXAMINATION: 3 papers, an oral examination, the dissertation and written course work.

Chemical Sciences, Chemistry

Chemical Sciences 1CS

6 lectures a week. Laboratory, tutorial and examples classes at times to be arranged. All lectures and classes are common with Chemistry 1CH.

Origin of the elements and primordial chemistry, atomic structure and valency, main-group element chemistry, transition elements and lanthanides, interactions in solution, introduction to organic chemistry, industrial organic chemistry, organic spectroscopy, the atomic nucleus, energy and the chemical bond, the storage of energy in atoms and molecules, equilibria in chemical reactions, rates of chemical reactions.

EXAMINATION: Three 3-hour papers and assessment of practical work.

Chemical Sciences 2CS

8 lectures a week. Laboratory work, seminars, tutorial, and examples classes at times to be arranged.

Organic reactions and synthesis, stereochemistry of organic molecules, crystalline solids, mechanisms of chemical change, spectroscopy, electrochemistry, chemistry and uses of main group elements, colloids and surfaces, metals in industry, transition metals and synthesis, polymers and plastics, radiochemistry and nuclear power, sugars, energy sources and production, peptides, enzymes and heterocycles, nucleic acids, vision, biosynthesis, analysis.

EXAMINATION: Two 3-hour papers and one 1½-hour objective-test paper; assessment of practical work.

Chemical Sciences 3CS

5–6 lectures a week for the first two terms; laboratory work, seminars, tutorial, and examples classes at times to be arranged. Two projects, one practical and the other involving mainly literature work, will be undertaken.

Electrons and radiation, metals in biologically active systems, advanced analytical methods, molecular orbital theory and photochemistry, statistical basis of energy distribution, homogeneous catalysis by transition metal complexes, enzymes and heterogeneous

catalysis, medicinal chemistry, magnetic and electrical properties, modern synthetic methods, chemical aspects of combustion, materials. Optional courses chosen from: pesticides and ecological chemistry or synthetic strategy and methods, geochemistry, liquid crystals.

EXAMINATION: Two 3-hour papers, one 2-hour paper, one 1½-hour paper, and assessment of practical work and of the two projects. The results of the Chemical Sciences 2CS examination in the previous year will contribute a substantial amount in determining the classification of honours.

Chemistry 0A

Lectures: Monday, Wednesday, Friday 12, and 6 hours a week laboratory work at times to be arranged.

This is an elementary course in general, physical, and organic chemistry designed to bring students to a level equivalent to a good grade in GCE A level.

EXAMINATION: 1 paper and assessment of practical work; the examiners may require a practical examination.

Chemistry 1A

Lectures: Monday 5, Tuesday 10, Thursday 10; and 6 hours a week laboratory work, and tutorials at times to be arranged.

A course provided for students taking Combined Studies. Atomic and molecular structure, periodic table and chemical bonding, introduction to organic chemistry, thermodynamics, transition metal chemistry.

EXAMINATION: One 3-hour paper and assessment of practical work; the examiners may require a practical examination.

Chemistry 1CH

6 lectures a week. Laboratory, tutorial, and example classes at times to be arranged. All lectures and classes are common with Chemistry 1CS.

Origin of the elements and primordial chemistry, atomic structure and valency, main-group element chemistry, transition elements and lanthanides, interactions in solution, introduction to organic chemistry, industrial organic chemistry, organic spectroscopy, the atomic nucleus, energy and the chemical bond, the storage of energy in atoms and molecules, equilibria in chemical reactions, rates of chemical reactions.

EXAMINATION: Three 3-hour papers and assessment of practical work.

Chemistry 1D

Lectures: Monday 5, Tuesday 10, Thursday 10; and two 3-hour periods of laboratory work a week at times to be arranged.

A course in general, inorganic and physical chemistry primarily for students from the Faculty of Science or Textile Chemistry. Atomic and molecular structure, theory of bonding, spectroscopy, thermodynamics, kinetic phenomena, principles of inorganic chemical analysis.

Normally students should have a knowledge of elementary physics and calculus before taking this course.

EXAMINATION: One 3-hour paper and assessment of practical work; the examiners may require a practical examination.

Chemistry 1FU

Lectures: Tuesday 12, Thursday 12, Friday 3 (42 lectures in common with part of Chemistry 1U) and 6 hours a week for 11½ weeks laboratory work at times to be arranged.

A course in organic chemistry for students of applied physical sciences, comprising a systematic survey of the main classes of organic compounds and including brief introductions to industrial organic chemistry and to spectroscopic methods in organic chemistry. This course is normally taken after Chemistry 1T.

EXAMINATION: One 2-hour paper and assessment of practical work; the examiners may require a practical examination.

Chemistry 1T

Lectures: Tuesday 10, Wednesday 12, Thursday 9 (including a fortnightly examples class); an average of 3 hours a week laboratory work at times to be arranged.

A course in physical chemistry for students of applied sciences. Kinetic theory of gases, thermodynamics, electrochemistry, reaction kinetics, colloids and surface chemistry.

EXAMINATION: One 3-hour paper and assessment of laboratory work; the examiners may require a practical examination.

Chemistry 1U

Lectures: Tuesday 12, Thursday 12, Friday 3 (66 lectures, of which 42 are common with Chemistry 1FU); laboratory work 12 hours a week for 10 weeks for Colour Chemistry, 9 hours a week for 11½ weeks for Textile Chemistry, at times to be arranged.

A course in organic chemistry for students of Colour Chemistry or Textile Chemistry, comprising a systematic survey of the main classes of organic compounds and including brief introductions to industrial organic chemistry and to spectroscopic methods in organic chemistry.

EXAMINATION: One 3-hour paper and assessment of practical work; the examiners may require a practical examination.

Chemistry 1Y(A) and 1Y(B)

Lectures, 1Y(A): Tuesday 12, Thursday 12, Friday 3; 1Y(B): Monday 5, Tuesday 12, Thursday 12. Laboratory work: the equivalent of 4½ hours a week at times to be arranged.

An introduction to organic chemistry for students of biological sciences or Food Science. Structure and stereochemistry, reactions of simple organic compounds, mechanisms of reactions, and a brief introduction to spectroscopic methods in organic chemistry.

EXAMINATION: One 2-hour paper and assessment of practical work; the examiners may require a practical examination.

Chemistry 1Z(A)

Lectures: Monday 5, Tuesday 12, Thursday 12. Laboratory work: the equivalent of 4½ hours a week at times to be arranged.

A course in general and physical chemistry for students of biological sciences. An introduction to atomic and molecular structure, elementary chemical thermodynamics, chemical kinetics, structure of water and properties of solutions.

EXAMINATION: One 2-hour paper and an assessment of practical work; the examiners may require a practical examination.

Chemistry 2A

Lectures: Tuesday 10, Thursday 10 and 5; 6 hours a week laboratory work, and tutorials at times to be arranged.

A course for students of Combined Studies and requiring previous attendance at Chemistry 1A. Trends within the periodic table, elucidation of structure and bonding, kinetic theory of gases, reaction kinetics, thermodynamics, electrochemistry, elementary organic chemistry including spectroscopy.

EXAMINATION: Three 2-hour papers on the work of Chemistry 1A and Chemistry 2A, and assessment of practical work; the examiners may require a practical examination.

Chemistry 2CH

Lectures are given in inorganic, organic and physical chemistry at the rate of eight a week. Laboratory work and tutorial and examples classes at times to be arranged. Members of the class are required to write an essay during the third term on a topic chosen from a list of options; this essay has to be completed by the end of the term.

Symmetry and crystal structures, physical techniques, main-group-element chemistry, transition elements and actinides, organometallic chemistry, catalysis of chemical reactions, states and properties of matter, phase equilibria, electrochemistry, structure in solutions, states of molecules, polyfunctional and alicyclic compounds, synthetic methods, stereochemistry, spectroscopy, reaction mechanisms, heteroaromatic chemistry, carbohydrates, amino acids, proteins, nucleic acids, biosynthesis.

EXAMINATION: Three 3-hour papers and assessment of practical work.

Chemistry 2D

Lectures: Tuesday 10, Thursday 10, Friday 9; two 3-hour periods of laboratory work a week at times to be arranged.

A course in physical and inorganic chemistry for students in the Faculty of Science. Thermodynamics, statistical methods and phenomena, trends in the periodic table, physical methods, solid state chemistry, ions in solution.

EXAMINATION: One 3-hour paper and assessment of practical work; the examiners may require a practical examination.

Chemistry 2Y(B)

Lectures: Tuesday 12, Thursday 12, Friday 3. Laboratory work: a total of 54 hours at times to be arranged.

A course in advanced organic chemistry for students of biological sciences or Food Science who have previously attended Chemistry 1Y(A) or 1Y(B). Topics include the reactions of bifunctional compounds, heterocyclic compounds, structure and synthesis of peptides, carbohydrates, biosynthesis.

EXAMINATION: One 2-hour paper and assessment of laboratory work; the examiners may require a practical examination.

Chemistry 2Z(A)

Lectures: Monday 5, Tuesday 12, Thursday 12. Laboratory work: the equivalent of 4½ hours a week at times to be arranged.

A course in physical and inorganic chemistry for students of biological sciences who have previously attended Chemistry 1Z(A). Interaction of electromagnetic radiation with matter, molecular spectroscopy, coordination chemistry, states of matter and kinetic theory of gases, behaviour of ions in solution.

EXAMINATION: One 2-hour paper and assessment of practical work; the examiners may require a practical examination.

Chemistry 3A

Lectures: Tuesday 9, Wednesday 11 and, in the first term, Friday 9; together with approximately 20 lectures or seminars which may be at the following times: Monday 9, Tuesday 11, Thursday 9, Friday 11; tutorials, and an average of 6 hours a week laboratory work, at times to be arranged.

A course in inorganic chemistry for students taking Combined Studies. Some or all of the following topics will be included: the solid state, X-ray diffraction, non-metals, transition elements with special reference to complexes, magnetic susceptibility and electric polarization, spectroscopy (I.R., Raman and N.M.R.), trends in the periodic table, analytical techniques, solution equilibria and solution kinetics.

EXAMINATION: Two 3-hour papers on the final year's work and the relevant background, and assessment of practical work. Performance in the 2A examination taken previously will contribute a substantial amount in determining the classification of honours.

Chemistry 3B

Lectures: Monday 11, Wednesday 10, Friday 12, together with approximately 20 lectures or seminars which may be at the following times: Tuesday 9, Wednesday 11, Friday 9; tutorials, and 6 hours a week laboratory work, at times to be arranged.

A course in organic chemistry for students taking Combined Studies which will include some or all of the following topics: reaction mechanisms, reactive intermediates, polyfunctional compounds, alicyclic compounds, stereochemistry, spectroscopic techniques, heterocyclic compounds, peptides and other natural products, biosynthesis.

EXAMINATION: Two 3-hour papers on the final year's work and the relevant background material, and assessment of practical work. Performance in the 2A examination taken previously will contribute a substantial amount in determining the classification of honours.

Chemistry 3C

Lectures: Tuesday 11, Thursday 9 and, in the first term, Friday 10; together with an examples class, Thursday 11, and some additional lectures or seminars which may be at the following times: Wednesday 9, Thursday 11, Friday 12; tutorials, and 6 hours a week laboratory work, at times to be arranged.

A course in physical chemistry for students taking Combined Studies. Some or all of the following topics will be included: catalysis of chemical reactions, statistical thermodynamics, states and properties of matter, electrochemistry, structure in solutions, states of molecules and spectroscopy, photochemistry and radiation chemistry.

EXAMINATION: Two 3-hour papers on the final year's work and the relevant background, and assessment of practical work. Performance in the 2A examination taken previously will contribute a substantial amount in determining the classification of honours.

Chemistry 3CH

During the final year students specialize in two of the three branches of chemistry. Within each branch there is some choice of lecture topics.

An average of six to seven lectures a week in the first two terms; laboratory work, which may include a project, and tutorial classes at times to be arranged.

Inorganic: Multinuclear N.M.R. spectroscopy, vibrational spectra, electronic spectra and magnetism, boron hydrides and cluster compounds, organometallic chemistry, solution equilibria and bioinorganic chemistry, non-aqueous solutions, solid state chemistry.

Organic: Molecular rearrangements, spectroscopic methods of structure determination, synthetic methods, pericyclic and photochemical reactions, and a selection of other courses in advanced organic chemistry.

Physical: Statistical thermodynamics, reaction kinetics, magnetic resonance spectroscopy, colloids, chemical changes at electrodes, photo- and radiation chemistry, environmental chemistry and pollution, power from nuclear changes, techniques of analysis and separation, microprocessors and data handling, combustion.

EXAMINATION: Four 3-hour papers (two in each of the two branches of chemistry selected for study), and assessment of practical work. Performance in the 2CH examination taken previously will contribute a substantial amount in determining the classification of honours.

Colour Chemistry and Dyeing

Colour Chemistry 1A

3 hours' lectures and 6 hours' laboratory work at times to be arranged.

Dye chemistry (part 1)

Raw materials and intermediates used in the manufacture of dyes. Major chemical processes: sulphonation, nitration, chlorination, diazotization, etc, treated more from an industrial than from a purely chemical point of view.

Polymer chemistry

The molecular structure of high polymers. Crystallinity and the degree of polymerization; polyfunctional molecules; addition and condensation polymers. Plastics. Synthetic and natural high polymers, cellulose, proteins and rubber.

Coloration technology (part 1)

One of the following options:

1. Colorants and substrates. Colour, colour perception, colour mixing and colour fastness. Fundamentals of coloration.
2. Coloration of plastics, paints, food and cosmetics; analytical uses of colour.

EXAMINATION: 1 paper and assessment of the year's practical work.

Colour Chemistry 1H

4 hours a week, and laboratory work at times to be arranged.

An introduction to colour, colorants and the fundamentals of coloration. An introduction

to the chemistry and technology of intermediates. Chemistry and properties of high polymers. Coloration of plastics, paints, food and cosmetics; analytical uses of colour.

EXAMINATION: 4 papers and assessment of the year's practical work.

Colour Chemistry 2A

3 hours' lectures and 6 hours' laboratory work at times to be arranged.

Dye chemistry (part 2)

A comprehensive survey of the chemical classes of dye of major importance.

Colour physics

Colour measurement, description and specification. Instrumental match prediction and correlation. Colour control, formulation and computation.

Coloration technology (part 2)

One of the following options:

1. Processes of textile coloration.
2. The technology of the production and application of paints and printing inks.

EXAMINATION: 3 papers and assessment of the year's practical work.

Colour Chemistry 2H(1) and 2P(1)

5 hours' lectures a week, and laboratory work at times to be arranged.

The chemistry and properties of organic high polymers; surface chemistry. Technology of textile coloration. Colour measurement. The chemistry and technology of dyes.

EXAMINATION: 4 papers and assessment of the year's practical work.

Colour Chemistry 2H(2) and 2P(2)

1 hour's lecture a week and laboratory work at times to be arranged.

The technology of the production and application of paints and printing inks.

EXAMINATION: 1 paper and assessment of the year's practical work.

Colour Chemistry 3A

6 hours' lectures a week, and 6 hours' laboratory work at times to be arranged.

Industrial chemistry. Photochemistry and the fading of dyes.

Two options from the following:

1. Current developments in the science and technology of colorants and their application.
2. The use of azo compounds as dyes. Organo-metallic chemistry. The introduction of reactive groups into dyes. The relation between chemical structure and stereoisomerism and the physical behaviour of dyes. Mechanisms of diazotization and coupling.
3. Pigments. The organic chemistry of pigments. The interaction of pigments and media.

Pigment physics. Nucleation and the growth of particles. Particle size measurement and the optical properties of pigments.

4. Advanced general and thermodynamic theory of dyeing.
5. Advanced physical chemistry of surface coatings.

EXAMINATION: 2 papers and assessment of the year's practical work.

Colour Chemistry 3H

10 hours' lectures a week, and laboratory work at times to be arranged.

The chemistry of dyes and pigments; modern physical techniques in organic chemistry; photochemistry of dyes; colour and constitution; current developments in the science and technology of colorants and their application.

Advanced general and thermodynamic theory of dyeing.

Advanced physical chemistry of surface coatings.

EXAMINATION: 5 papers, a project, and assessment of the year's practical work.

Colour Chemistry 3P

9 hours' lectures a week, and laboratory work at times to be arranged.

The chemistry of dyes and pigments; modern physical techniques in organic chemistry; photochemistry of dyes; current developments in the science and technology of colorants and their application.

Advanced general thermodynamic theory of dyeing.

Advanced physical chemistry of surface coatings.

EXAMINATION: 5 papers and assessment of the year's practical work.

Computation, Computational Science, Computer Science, Data Processing, Operational Research

Course components

Component 1C1

2 hours' lectures, and 2 hours' practical work at times to be arranged.

Introduction to programming; introduction to numerical computation.

Component 1C2

2 hours' lectures and 1–3 hours'* examples classes or practical work at times to be arranged.

Introduction to operational research, introduction to computing systems.

Component 1C3

2 hours' lectures and 1 hour's practical work at times to be arranged.

Introduction to the formulation and testing of numerical algorithms.

* Note: Normally minimum 1 hour for combined studies students, 3 hours for single-subject students (time restricted by availability of laboratory space and equipment).

Component 1C4

2 hours' lectures, and 1 hour's practical work at times to be arranged.

Numerical and statistical algorithms.

Component 1C5

2 hours' lectures and 1 hour's practical work at times to be arranged.

Introduction to business systems analysis and design; programming techniques.

Component 1C6

2 hours' lectures and 2 hours' practical work at times to be arranged.

Introduction to digital logic design: low level programming.

Component 1C7

3 hours' lectures and 2 hours' practical work at times to be arranged.

Problem solving in data processing; case histories in data processing; introduction to programming; commercial programming.

Component 1C8

2 hours' lectures and 1 hour's practical work at times to be arranged.

Foundations of information processing.

Computation 1EE

Errors, methods of solution of algebraic equations; numerical linear algebra.

14 lectures.

Examination will be by continuous assessment, the result to be incorporated within the examination for Electrical and Electronic Engineering 1EN/1P

Computation 1ME

10 lectures and 3 hours practical work.
1 hour a week in the second term.

Errors, solution to algebraic and polynomial equations, solution of linear simultaneous equations, least squares fitting, numerically defined functions.

Examination will be by assessment of coursework, to be conflated within the results for Mechanical Engineering 1EN.

Computation 2EE, 2ME

Numerically defined functions; numerical differentiation and integration; numerical linear algebra and the eigenvalue problem, numerical solution of ordinary differentiation equations; factorization of polynomials.

2 hours a week for half a session and computer practical work as required.

EXAMINATION: One 2-hour paper, the result to be incorporated within the examination for Electrical and Electronic Engineering 2EN or Mechanical Engineering 2EN or 2H.

Computational Science 1A

Lectures: Monday 9, 4, Tuesday 9, Wednesday 9, Friday 9. Alternative times may be arranged. Practical work: Tuesday 2–4, or at times to be arranged. 1 hour's examples class or practical work, and fortnightly tutorials at times to be arranged.

Components 1C1, 1C2 and 1C8.

Candidates taking Computational Science 1A must either have passed Mathematics OA or have reached a satisfactory standard in pure mathematics at GCE A-level.

EXAMINATION: 2 papers and an assessment of course work.

Computational Science 1B

Lectures: Monday 9, 4, Tuesday 9, Wednesday 9, Friday 9. Alternative times may be arranged. Practical work: Tuesday 2–4 or at times to be arranged; examples classes and tutorials.

Components 1C1 and 1C2.

Candidates taking Computational Science 1B must either have passed Mathematics OA or have reached a satisfactory standard in pure mathematics at GCE A-level.

EXAMINATION: 2 papers and an assessment of practical work during the course.

Computational Science 1B(1)

2 hours' lectures, 2 hours' examples classes and practical work at times to be arranged.

Component 1C1.

Candidates taking Computational Science 1B(1) must either have passed Mathematics OA or have reached a satisfactory standard in pure mathematics at GCE A-level.

EXAMINATION: 1 paper and an assessment of practical work during the course.

Computational Science 1CH

First and second terms only: Monday, Tuesday, Wednesday, Friday 9, Monday 4 and three hours' practicals/seminars at times to be arranged.

Components 1C1 and 1C2.

Candidates taking Computational Science 1CH must have reached a satisfactory standard in pure mathematics at GCE A-level.

EXAMINATION: 2 papers and an assessment of practical work during the course.

Computational Science 1D

6 hours a week lectures, tutorials and examples classes at times to be arranged.

Components 1C2, 1C4, 1C8.

EXAMINATION: 2 papers and an assessment of course work.

Computational Science 2A

5 hours' lectures from Monday 2–4, 5, Tuesday 11, Thursday 9, Friday 11, 4. An average of 4 hours' examples classes and practical work, and fortnightly tutorials at times to be arranged.

Programming and programming languages; theory of computation I; fundamentals of computer-aided design II; software technologies I.

EXAMINATION: Two 3-hour papers and one 2-hour paper and an assessment of course work.

Computational Science 2C

6 hours a week lectures, practical work and tutorial classes at times to be arranged.

A choice of four components chosen from a set which will normally include: telecommunications; compilers; real-time languages; operating systems; computer graphics, computational graph theory; automata theory; analysis of algorithms; theory of databases; numerical optimization; advanced differential equations; topics in operational research; topics in data processing.

EXAMINATION: 4 papers and an assessment of practical work.

(This course is normally taken as an ancillary course in conjunction with Computer Science 2CT.)

Computational Science 3A

Tuesday 10, Thursday 11, 2, 4, Friday 10, 2; examples classes and practical work and tutorial classes at times to be arranged.

An approved choice of four components from a set which will normally include: computer vision; natural language processing; artificial intelligence; computer solution of differential equations; advanced linear algebra and applications; compiler design; concurrent programming; linear programming; probabilistic models in operational research; computer graphics; complexity theory; computational graph theory; advanced numerical computation; advanced programming languages; mathematical programming; theory of programming languages; advanced computer graphics.

EXAMINATION: Four 2-hour papers and an assessment of course work and project work.

In assessing the result of the final examination the candidate's performance in Computational Science 2A will be taken into account.

Computer Science 1CT

12 hours a week lectures, practical work and tutorial classes at times to be arranged.

Components 1C1, 1C2, 1C5, 1C6, 1C8 or other components approved by the head of the Department.

Mathematics components 1P1 and 1CT1 (see Mathematics page 141). (With the approval of the head of the Department, one of the Mathematics components may be replaced by another component.)

EXAMINATION: 6 papers and an assessment of practical work.

Computer Science 2CT

12 hours a week lectures, practical work, laboratory work and tutorial classes at times to be arranged.

The course will normally consist of the following components: programming and programming languages; computer systems and communications; fundamentals of computer-aided design; theory of computation; software technologies.

EXAMINATION: 5 papers and an assessment of practical work and laboratory work.

Computer Science 2D

6 hours a week lectures, practical work and examples classes at times to be arranged.

An approved choice of two components from a set which will normally include: digital design methodologies; numerical computation; operational research techniques; computational aspects of operational research.

EXAMINATION: Two 3-hour papers

(This course is normally taken as an ancillary course in conjunction with Computer Science 2CT.)

Computer Science 3CT

12 hours a week lectures, practical work and tutorial classes at times to be arranged.

A choice of eight components from a set which will normally include: computer vision; natural language processing; artificial intelligence; decision support and expert systems; theory and practice of VLSI; computer solution of differential equations; advanced linear algebra and applications; concurrent programming; linear programming; probabilistic models in operational research; complexity theory; computational graph theory; information storage and retrieval; human aspects of computer systems; advanced programming languages; mathematical programming; multi-access operating systems; advanced computer graphics; theory of programming languages; mathematical theory of computation.

EXAMINATION: Eight 2-hour papers and an assessment of course work and project work.

In assessing the results of the final examination the candidate's performance in Computer Science 2CT will be taken into account.

Computer Science 1E

Lectures: Monday 9, 4, Tuesday 9, Wednesday 9, Friday 9. Practical work: 3 hours a week at times to be arranged.

Components 1C1, 1C2 and 1C8

EXAMINATION: 2 papers and an assessment of course work.

Computer Science 2E

Lectures: Term 1: Monday 2, 5, Tuesday 11, 5, Friday 4. Term 2: Monday 5, Tuesday 12, Wednesday 11, Friday 4. An average of 4 hours a week practical work, examples classes and tutorials at times to be arranged.

Theory of computation; programming and programming languages; Software technologies I.

EXAMINATION: Two 3-hour papers and one 2-hour paper and an assessment of course work.

Computer Science 3E

6 hours a week lectures, practical work and project work at times to be arranged.

Theoretical problems in artificial intelligence plus an approved choice of three components from a set which will normally include: techniques in artificial intelligence; decision support and expert systems; mathematical logic II; compiler design; concurrent programming; analysis of algorithms; advanced programming languages; automata and formal language theory; computational graph theory.

EXAMINATION: Four 2-hour papers and an assessment of practical work and project work.

In assessing the result of the final examination the candidate's performance in Computer Science 2E will be taken into account.

Data Processing 1A

6 hours a week lectures, practical work and tutorial classes at times to be arranged.

Components 1C5, 1C7.

EXAMINATION: 2 papers and an assessment of course work.

Data Processing 1CT

12 hours a week lectures, practical work and tutorial classes at times to be arranged.

Components 1C2, 1C4, 1C5, 1C7, 1C8 or other components approved by the head of the Department.

EXAMINATION: 4 papers and an assessment of course work.

Data Processing 2A

5 hours a week lectures at times to be arranged; tutorial classes, practical work and course work at times to be arranged.

Data processing techniques; programming and programming languages; software technologies I.

EXAMINATION: Two 3-hour papers and one 2-hour paper and an assessment of coursework.

Data Processing 2CT

12 hours a week lectures, practical work, laboratory work, and tutorial classes at times to be arranged.

The course will normally consist of the following components: data processing techniques; programming and programming languages; commercial programming environments; computer systems and communications; computer graphics; software technologies.

EXAMINATION: Five 3-hour papers and an assessment of practical work and laboratory work.

Data Processing 3A

6 hours a week lectures, practical work, and tutorial classes at times to be arranged.

The course will normally consist of two components: software technologies I; commercial programming environments; and two further components from a list which will normally

include: natural language processing; artificial intelligence; decision support and expert systems; office automation; computer graphics; concurrent programming; information storage and retrieval; human aspects of computer systems.

EXAMINATION: Four 2-hour papers and an assessment of course work and project work.

In assessing the result of the final examination the candidate's performance in Data Processing 2A will be taken into account.

Data Processing 3CT

12 hours a week lectures, practical work, project work and tutorial classes at times to be arranged.

The course will normally consist of the following three components: decision support and expert systems; office automation; information storage and retrieval; and five further components from a list which will normally include: natural language processing; artificial intelligence; compiler design; basic operational research techniques; computational graph theory; concurrent programming; human aspects of computer systems; advanced programming languages; management science techniques; multi-access operating systems.

EXAMINATION: Eight 2-hour papers, or six 2-hour papers and one 3-hour paper, and an assessment of course work and project work.

In assessing the result of the final examination the candidate's performance in Data Processing 2CT will be taken into account.

Numerical Analysis 3CV

24 lectures plus examples classes; selected topics based on component F.

EXAMINATION: 1 paper.

Operational Research with Computing 1CT

12 hours a week lectures, practical work and tutorial classes at times to be arranged.

Components 1C1, 1C2, 1C5, 1C6, 1C8 or other components approved by the head of the Department. Mathematics components 1P1 and 1CT1 (see Mathematics page 141). (With the approval of the head of the Department, one of the Mathematics components may be replaced by another component.)

EXAMINATION: 6 papers and an assessment of practical work.

Operational Research 2A

Lectures: Monday 11, 12, Tuesday 2–5, Friday 2; tutorial classes and course work at times to be arranged.

Attendance at Mathematics 1A, and, normally, at Computational Science 1A are prerequisites for this course.

Operational research techniques; computational aspects of operational research.

EXAMINATION: Two 3-hour papers and assessment of course work.

Operational Research with Computing 2CT

12 hours a week lectures, practical work and tutorial classes at times to be arranged.

The course will normally consist of the following components: operational research techniques; computational aspects of operational research; programming and programming languages; software technologies I; theory of computation I; fundamentals of computer-aided design II.

EXAMINATION: Four 3-hour papers and one 2-hour paper and an assessment of coursework and laboratory work.

Operational Research 3A

Lectures: Monday 10, Wednesday 9–11, Thursday 2–4, Friday 11; tutorial classes, course work and project work at times to be arranged.

The course will normally consist of the following components: operational research in production, probabilistic models in operational research; mathematical programming; operational research in transport.

EXAMINATION: Four 2-hour papers and an assessment of course work and project work.

In assessing the result of the final examination the candidate's performance in Operational Research 2A will be taken into account.

Operational Research with Computing 3CT

12 hours a week lectures, practical work, project work and tutorial classes at times to be arranged.

The course will normally include the following four components: operational research in production; probabilistic models in operational research; mathematical programming; operational research in transport; *and* an approved choice of four further components from a set which will normally include: natural language processing; artificial intelligence; decision support and expert systems; computer solution of differential equations; advanced linear algebra and applications; compiler design; concurrent programming; computational graph theory; information storage and retrieval; human aspects of computer systems; advanced numerical computation; theory of programming languages; advanced programming languages; computer graphics.

EXAMINATION: Eight 2-hour papers and an assessment of course work and project work.

In assessing the result of the final examination the candidate's performance in Operational Research with Computing 2CT will be taken into account.

Data Processing (See Computational Science, Data Processing and Operational Research)

Ecology

Ecology 1A

First half-year: lectures: Monday, Tuesday, Friday 12; numerical exercises: Monday *or* Friday 10; practical work: Wednesday 2–5. Second half-year: lectures: Tuesday 9, 12, Friday 10; laboratory work: Wednesday 2–5.

Organisms in relation to the physical environment. The physical factors important in major ecosystems. Introduction to populations, communities and ecosystems. The biotic factors in community organisation.

EXAMINATION: 1 paper and satisfactory completion of practical work.

Ecology 1Y(B)

Lectures: Tuesday 9, 12, Friday 10; laboratory work: Wednesday 2–5.

Introduction to populations, communities and ecosystems. The biotic factors in community organisation.

EXAMINATION: 1 paper and satisfactory completion of practical work.

Ecology 1Z(A)

Lectures: Monday, Tuesday, Friday 12; numerical exercises: Monday *or* Friday 10; practical work: Wednesday 2–5.

Organisms in relation to the physical environment. The physical factors important in major ecosystems.

EXAMINATION: 1 paper and satisfactory completion of practical work.

Ecology 3EY

(Organised by the Departments of Plant Sciences and Pure and Applied Zoology)

6 hours' lectures and 20 hours' laboratory work a week, and field-work and seminars at times to be arranged.

A selection of ecological topics approved and selected by the departments concerned. Topics will normally include: physiological ecology, biogeography, quaternary palaeo-ecology, population dynamics and regulation, predator-prey interactions, competition and the structure of communities, ecological energetics, behavioural ecology and world ecosystems, evolutionary genetics, biogeography and conservation, soil geochemistry, problems in pedology, catchment hydrology, with due emphasis on their applied aspects. These topics will be taught using examples from animals and plants, terrestrial, marine or freshwater habitats, and will include personal projects.

EXAMINATION: 4 papers, 2 practical examinations and assessment of project reports.

Food Science

Food Science 1A

3 lectures and 3 hours' laboratory work a week.

Introduction to the chemistry of food constituents. The world as a food-producing unit. Principles of food processing. The development of food legislation, its enforcement and the special problems of food additives. Food quality control and the influence of processing on nutrition.

EXAMINATION: 1 paper and assessment of written and practical work during the course.

Food Science 1F

2 lectures and three hours' laboratory work a week.

Introduction to the chemistry of food constituents. The world as a food-producing unit. Principles of food processing. Uses of computers in relation to the food industry.

EXAMINATION: 1 paper and assessment of written and practical work during the course.

Food Science 2A

3 lectures and 6 hours' laboratory work a week.

Analytical chemistry and microscopy of natural products.

EXAMINATION: 1 paper and assessment of practical work.

Food Science 2F

5 lectures a week, tutorials and examples classes.

Chemistry and physics of food processing. Detailed examples of food processing operations. Rheology. Physical chemistry of food colloids. Food legislation. Elements of nutrition. Quality control and taste panels. Statistical aspects of food science.

EXAMINATION: 2 papers.

Food Science 3A

4 lectures a week (some seminars): 6 hours' laboratory work a week for two terms only.

Food processing and preservation and a selection approved by the head of the Department of components from the Food Science 3F and 4F courses.

EXAMINATION: 2 papers and assessment of practical work.

Food Science 3F

9 lectures and 9 hours' practical work (some as seminars) with, for 1½ terms only, 4 hours of examples classes.

Analytical chemistry and microscopy of foods. The structure, chemistry and biochemistry of foods.

EXAMINATION: 3 papers and assessment of practical work.

Food Science 3P

10 lectures (some as seminars) and 6 hours' laboratory work a week with, for half the session, 4 hours of examples classes.

Analytical chemistry and microscopy of natural products. Chemistry and structure of natural products and synthetic polymers. Food processing and preservation.

EXAMINATION: 3 papers, assessment of practical work, together with assessment of a report prepared from the seminar contributions, which must be submitted in bound form.

Food Science 4F

7 lectures a week (some as seminars); 6 hours' laboratory work a week for 2 terms only; research project (6 hours a week in one term).

Food processing and preservation. Chemistry and structure of foodstuffs. Research project.

EXAMINATION: 3 papers, assessment of a report, prepared from seminar contributions and the research project, which must be submitted in bound form, and assessment of practical work.

Food Science 4F(A)

1 lecture a week and 10x3 hours' laboratory work.

Physical and psychological properties of food stuffs.

EXAMINATION: 1 paper and assessment of written and practical work.

Food Science 4F(B)

2 lectures a week for the first term and 3 hours' laboratory work a week for the second term.

Food production systems — food quality and nutrition.

EXAMINATION: 1 paper and assessment of written and practical work.

Genetics

Genetics 1Z(A) and 1Z(B)

Lectures: Monday 2, Tuesday 10, 5. Examples classes and tutorials at times to be arranged.

An introductory course to genetics covering both eukaryotes and prokaryotes.

EXAMINATION: One 1½-hour paper, with an assessment of written work produced during the course.

Genetics 2A

This course consists of Genetics 2Z(A) *plus* Genetics 2Y(B).

Genetics 2Y(B)

3 lectures and 4 hours' laboratory work per week.

Cytogenetics of higher plants and animals. Evolution and population genetics; quantitative genetics; statistics.

This course normally requires previous attendance at Genetics 1Z(A) or 1Z(B) but not necessarily Genetics 2Z(A).

EXAMINATION: One 3-hour paper and assessment of practical work.

Genetics 2Z(A)

Lectures: Monday 2, Wednesday 11, Friday 2; laboratory work: Monday 3–5, Friday 3–5.

Genetic analysis of prokaryotic and eukaryotic microorganisms. The molecular basis of gene action. Mutagenesis. This course normally requires previous attendance at Genetics 1Z(A) or 1Z(B).

EXAMINATION: One 3-hour paper and assessment of practical work.

Genetics 3A

3 lectures and 1 problem-solving class per week. Approximately 6 hours per week laboratory and project work.

This course will consist of components of Genetics 3GN primarily but not necessarily exclusively relating to microbial and molecular genetics. It will be taken by students in the Biochemistry–Genetics, Biophysics–Genetics and Genetics–Microbiology combined studies schemes.

EXAMINATION: 2 theory papers, an examination involving interpretation of data, and assessment of the student's project report.

Genetics 3B

Lectures, problem-solving classes, and laboratory and project work equivalent to Genetics 3A.

The course provides an alternative to Genetics 3A for students in the Genetics–Plant Biology or Genetics–Zoology combined studies schemes, and consists of components of Genetics 3GN selected to complement the student's course in his or her other subject.

EXAMINATION: 2 theory papers, an examination involving interpretation of data, and assessment of the student's project report.

Genetics 3GN

6 lectures and 1 problem-solving class per week. Approximately 12 hours' laboratory and project work a week.

Gene action: animal biochemical genetics; somatic cell genetics; immunogenetics; principles of plant breeding; quantitative genetics; population genetics; molecular cytology of eukaryotes; biochemistry and genetics of DNA replication, restriction, repair and recombination; physical techniques of DNA analysis and recombinant DNA technology; control of gene action in bacteria; cytotaxonomy; aspects of speciation and evolution.

EXAMINATION: 4 theory papers, an examination involving interpretation of data, and assessment of the student's project.

Genetics 3IM

A one-year course of full-time work, based on Genetics 3GN and including some topics from Genetics 2A. The course will emphasize mammalian and human aspects of the subject and will include lectures, tutorials, laboratory and project work at times to be arranged.

EXAMINATION: 4 theory papers, an examination involving interpretation of data and assessment of the student's project.

Geological Sciences and Geology

All courses in geological sciences, geology and geophysical sciences include compulsory field-work during term and vacation.

Engineering Geology 2CV

3 hours a week; 1½-hour lecture, 1½ hours laboratory, Friday 2–5.

A course in engineering geology offered by the Department of Earth Sciences for civil engineers who have passed Geology 1CV.

EXAMINATION: Honours degree students: one 3-hour written paper and one 3-hour practical paper. Ordinary degree students: one 3-hour written paper.

Geography/Geology 2B

8 hours a week at times to be arranged.

Either computing, photogrammetry and surveying *or* modelling and computing in physical geography; ore deposits; structural geology; coal, oil and gas and water supply.

EXAMINATION: 1 paper and assessment of practical work in geography and a practical examination in geology.

Geological Sciences 1A

Monday 10, Tuesday 2–4, Thursday 2–5, Friday 10, 4.

Principles of geological sciences; stratigraphy; petrology; crystallography; mineralogy; palaeontology; structural geology.

EXAMINATION: 2 papers, 2 practical examinations and assessment of practical work during the course.

Geological Sciences 2A

Monday 2–5 (first term), Tuesday 11–1, Wednesday 12, Thursday 2, Friday 9–11, 4, Thursday 3–5 *or* Friday 2–4. (Some of these times are for part of the session only.)

Principles of geochemistry; igneous and metamorphic petrology; sedimentology; oceanography; mineralogy; data processing.

EXAMINATION: 2 papers, 2 practical examinations and assessment of practical work during the course.

Geological Sciences 2GS

10 hours' lectures and 14 hours' laboratory work a week at times to be arranged.

Principles of geophysics, practical application of geophysical techniques; structural geology; atmospheric processes. Principles of geochemistry; igneous and metamorphic petrology; sedimentology; oceanography; mineralogy; stratigraphy; palaeontology; palaeoecology; surveying and photogrammetry; geomorphology; soil dynamics; mineral deposits; data processing.

EXAMINATION: 3 papers, 3 practical examinations and assessment of practical work during the course.

Geological Sciences 3A

9 hours a week at times to be arranged.

The history of the earth's crust; earth resources (ore deposits). An approved selection from topics offered: igneous petrogenesis; geochronology; sedimentary geochemistry; geochemical topics; isotope geochemistry; advanced metamorphic petrology; lunar geology; chemical oceanography; earth resources (fuel, water, bulk minerals and urban resources).

EXAMINATION: 2 papers and 1 practical examination; option courses assessed by essays and practicals; a report on a project undertaken during the long vacation to be submitted as part of the final degree examination.

Geological Sciences 3GS

A scientific investigation of a specific area including appropriate field-work. For many of the optional topics offered in the third year a knowledge of specific aspects covered in Mathematics 1GS, Physics 1B or Chemistry 1D will be assumed.

7 hours' lectures and 7 hours' laboratory work a week at times to be arranged (field and project work additional).

The history of the earth's crust; earth resources; together with an approved selection from topics offered: global seismology, rock magnetism, geoelectrical methods, gravity and magnetic techniques; exploration seismology; structural geology, rock deformation; geochronology; geochemical topics; isotope geochemistry; igneous petrogenesis; advanced metamorphic petrology; lunar geology; sedimentology; sedimentary geochemistry; chemical oceanography; micropalaeontology; palaeobotany; ore microscopy; mine economics; Precambrian environment; engineering geology.

EXAMINATION: 3 papers and 2 practical examinations; option courses assessed by essays and practicals; a report on a project undertaken during the long vacation to be submitted as part of the final degree examination.

Geology 1C

Lectures: Monday, Friday 10; laboratory work: Monday 11–1 *or* 2–4, Thursday 11–1 *or* Friday 3–5.

Introduction to geological sciences; the composition of the earth; geological processes; minerals, rocks and fossils; geological maps; historical geology.

EXAMINATION: 1 paper and a practical examination.

Geology 1CV

3 hours a week; lecture: Thursday 9; laboratory: Tuesday 3–5 *or* Wednesday 11–1.

An introduction to the principles of geology with emphasis on application in engineering problems.

EXAMINATION: 1 paper and a practical examination.

Geology 1E

Monday 10, Tuesday 9–12, Thursday 3–5, Friday 10, 4.

Principles of geological sciences; stratigraphy; petrology; crystallography; mineralogy; palaeontology; structural geology.

EXAMINATION: 2 papers, 2 practical examinations and assessment of practical work during the course.

Geology 2D

Monday 12, Tuesday 2–5, Thursday 2, Friday 10, 4, Thursday 3–5 *or* Friday 2–4. (Some of these times are for part of the session only.)

Ore deposits; structural geology; igneous and metamorphic petrology; sedimentology; coal, oil and gas and water supply.

EXAMINATION: 2 papers, 2 practical examinations and assessment of practical work during the course.

Geology 2E

Monday 9–11, Tuesday 9, Thursday 11, 2, Friday 4, Thursday 3–5 *or* Friday 2–4. (Some of these times are for part of the session only.)

Stratigraphy; palaeontology; palaeoecology; volcanic processes; metamorphic petrology; sedimentology.

EXAMINATION: 2 papers, 2 practical examinations and assessment of practical work during the course.

Geology 2MI

Monday 12, 2–4, Friday 10–1.

Economic geology; systematic and paragenetic mineralogy; microscopy; map interpretation.

EXAMINATION: 1 paper and a practical examination.

Geology 2MI(1)
(for holders of Higher Diploma in Minerals Surveying)
Monday 12, 2–4

Coal, oil and gas and water supply; map interpretation.

EXAMINATION: 1 paper (1½ hours) and a practical examination.

Geology 2MI(2)
(for holders of Higher Diploma in Mine Surveying)
Friday 10–1

Systematic and paragenetic mineralogy; microscopy.

EXAMINATION: 1 paper (1½ hours) and a practical examination.

Geology 2MP

Monday 12, 2–4 (Term 1 only), Friday 10–1.

Economic geology; systematic and paragenetic mineralogy; microscopy.

EXAMINATION: 1 paper and a practical examination.

Geology 3D

9 hours a week at times to be arranged.

The history of the earth's crust; earth resources; historical geology; ore microscopy; engineering geology.

EXAMINATION: 2 papers, 2 practical examinations and (except where undertaken as part of Mining Engineering 3A) a report on a field project to be submitted as part of the final degree examination.

Geology 3E

5 hours' lectures and 4 hours' laboratory work a week at times to be arranged.

The history of the earth's crust; earth's resources. An approved selection from topics offered: igneous petrogenesis; structural geology; geochronology; lunar geology; sedimentology; micropalaeontology; palaeobotany; introduction to applied geophysics; Precambrian environment; engineering geology.

EXAMINATION: 2 papers and 1 practical examination; option courses assessed by essays and practicals; a report on a project undertaken during the long vacation to be submitted as part of the final degree examination.

Geophysical Sciences 2GP

Tuesday 10, 11–1 (weeks 8–14 only), 2–5 (weeks 1–14 only), Thursday 10, Friday 11 (weeks 1–12 only), 3–5 (weeks 8–14 only).

Principles of geophysics, practical geophysics, sedimentology, structural geology, meteorology.

EXAMINATION: 2 papers plus assessment of course work.

Geophysical Sciences 3GP

8½ hours lectures and not more than 7½ hours of tutorial/laboratory/project work at times to be arranged.

6½ hours lectures will be taken by all students, the themes covered being earth resources, historical geology, exploration seismology, inverse theory, geophysical fluid dynamics, waves in geophysics, condensed matter and quantum mechanics. The remaining two lectures a week will be chosen from several options which may include gravity and magnetics, global seismology and geological processes, geomagnetism and solar physics.

EXAMINATION: 5 papers (one 3-hour, two 2-hour and two 1½-hour) and a practical examination, together with continuous assessment. A report on a project, undertaken during the long vacation, to be submitted as part of the final examination, together with a shorter second-term assignment.

Mathematics, Statistics

Mathematics OA

Monday, Tuesday, Wednesday, Friday 9.

Algebra, calculus, geometry, statics and dynamics.

EXAMINATION: 2 papers.

Mathematics OCH
2 hours a week as appropriate from Mathematics OA.
Algebra, calculus and geometry.
EXAMINATION: 1 paper.

Level 1 course components
Component 1P1: Pure Mathematics
Complex numbers, functions of one and more than one variable, partial differentiation, sequences and series, linear equations, determinants, matrices, eigenvalues and eigenvectors.

Component 1A1: Applied Mathematics
Differential equations and vector algebra with applications to the mathematical modelling of mechanical and non-mechanical systems.

Component 1S1: Statistics
Elementary treatment of statistical data, probability distributions, sampling theory, probability theory.

Component 1S2: Statistics
Probability theory, elementary stochastic processes.

Component 1CT1: Applied Mathematics and Statistics
Differential equations, vectors, introductory statistics.

Component P(1): pure mathematics — complex numbers; limit of a function, mean value theorem. L'Hôpital's rule; hyperbolic functions and their inverses; partial differentiation; improper integrals; solution of simultaneous linear equations, determinants.
30 lectures.

Component P(2): pure mathematics — sequences and series; Taylor series; Fourier series.
14 lectures.

Component P(3): pure mathematics — the material of P(1) together with matrix algebra, rank of a matrix, inversion of a matrix; linear dependence and independence of vectors, eigenvalues and vectors.
42 lectures.

Component A(2): applied mathematics — differential equations and vectors with applications.
16 lectures.

Component A(3): applied mathematics — differential equations, vectors and their application to geometry and statics, elementary rigid body dynamics/Laplace transform theory.
24 lectures.

Component S: statistics — descriptive statistics; mean, variance, standard deviation; elementary probability theory; probability distributions, binomial, Poisson and normal distributions; linear functions of random variables, standard error of the mean, correlation and linear regression.
24 lectures.
For some groups it may be possible to present the material through the consideration of examples using a statistical package such as MINITAB. In this case there will be 12 lectures and 12 hours of computer-based practical work.

Component C(1): computation — errors, methods of solution of algebraic equations; numerical linear algebra.
14 lectures.

The times of lectures on the above course components will be shown below.

Examples classes/tutorials, normally 1 hour a week, will be arranged in connection with the above courses.

Examinations on the above course components will be as follows:

		Relative Weights
Component P(1):	one 2-hour paper	60
Component P(3):	one 3-hour paper	90
Components P(2) + C(1):	one 2-hour paper	60
(where only one of these components is taken the examination will consist of the appropriate section of this paper, weighted 30)		
Component A(2):	one 1½-hour paper	40
Component A(3):	one 2-hour paper	50
Component S:	one 2-hour paper or an assessment of case studies	50

Mathematics 1B(2)

Component 1C1 (see page 127) — times to be arranged.
Statistics 1Z.

EXAMINATION: 2 papers.

Mathematics 1BP

Components P(2), P(3), A(3), S and C(1).

EXAMINATION: 4 papers.

Mathematics 1CE, 1FE, 1FU, 1MI and 1MP

Components P(1), A(3) and C(1).

EXAMINATION: 3 papers.

Mathematics 1CV

Components P(3) and A(3).

EXAMINATION: 2 papers.

Mathematics 1EC

Monday, Wednesday, Friday 9, and an examples class at a time to be arranged.

Components P(2), P(3), and C(1).

EXAMINATION: 2 papers.

Mathematics 1GS

Components P(2), P(3), A(3), and C(1).

EXAMINATION: 3 papers.

Mathematics 1MS(1)

Component P(3).

EXAMINATION: 1 paper.

Mathematics 1MS(2)

Components A(3) and S.

EXAMINATION: 2 papers.

Mathematics 1TS

Components P(3) and A(3).

EXAMINATION: 2 papers.

TIMETABLES FOR INDIVIDUAL GROUPS

(Unless otherwise stated lectures run from October throughout the year.)

1CE, 1FE, 1FU:	P(1) + A(3) Monday, Friday 9, Wednesday 9 (first term); C(1) Wednesday 9 (second and third terms).
1CV:	P(3) + A(3) Monday, Wednesday, Friday 10 (66 lectures).
1GS:	P(2) + P(3) Monday, Friday 9, Wednesday 9 (first term); A(3) Tuesday 9; C(1) with 1CE.
1MS(1):	P(3) Monday, Friday 9.
1MS(2):	A(3) Tuesday 9; S Thursday 11 (12 lectures) and practicals as arranged.
1BP:	P(2) + P(3) + A(3) with 1GS; C(1) with 1CE; S with 1MS(2).
1EC:	P(2) + P(3) with 1GS; C(1) with 1CE.
1MI, 1MP:	P(1) Monday 9, Wednesday 9 (first term); A(3) with 1GS; C(1) with 1CE.
1TS:	P(3) with 1MS(1); A(3) with 1MS(2).

Mathematics 1A

Monday, Tuesday, Wednesday, Thursday, Friday 12, Wednesday 10.

Components 1P1 and 1A1.

EXAMINATION: 2 papers.

Mathematics 1CH

Monday, Wednesday, Friday 12.

Calculus including differential equations and Fourier series, algebra including complex numbers and elementary matrices, analytical geometry of three dimensions.

EXAMINATION: 1 paper.

Mathematics =1EE

Monday 12, Tuesday 12, Wednesday 12 (1st term only), Friday 12, and an examples class at a time to be arranged.

Review of A level calculus; differential equations and Laplace transforms; partial differentiation; complex numbers and functions; sequences, series and Taylor series; linear dependence and independence of vectors; matrices, determinants and systems of equations; eigen vectors and eigen values; introductory logic and graph theory.

EXAMINATION: 2 papers (one 3-hour and one 2-hour).

Mathematics 1MM and 1P

13 hours a week and tutorial classes at times to be arranged.

Calculus, analysis, linear and abstract algebra, differential equations, vector algebra and analysis, elementary particle and rigid body dynamics, mathematical modelling of physical situations.
Elementary treatment of statistical data, probability distributions, sampling theory, probability theory, elementary stochastic processes including branching processes.
Principles of computer programming, numerical calculus.

Each course will be examined.

Mathematics 1PX

Monday, Tuesday, Wednesday, Friday 12, and an examples class at a time to be arranged.

Algebra including determinants; calculus of functions of a single variable including differentiation, integration, mean value theorems, Taylor's series; calculus of functions of several variables including partial differentiation, maxima and minima, multiple integrals; elementary differential equations, vector calculus, vector algebra; introduction of Cartesian tensors.

EXAMINATION: 2 papers.

Level 2 course components

Selections from the following course components:

Component A: theory and applications of a complex variable — introduction to analytic functions of a complex variable; Cauchy's theorem; singularities and residues; contour integration; applications involving Laplace, Fourier or other transformations.
2 hours a week for a half session.

Component B: introduction/review of power series and Fourier series; differential equations — solution in series of differential equations; special functions arising from

differential equations; orthogonal functions; method of separation of variables applied to the solution of partial differential equations.
2 hours a week for a half session.

Component B*: sequences, series, power series and Fourier series; solution in series of differential equations; special functions arising from differential equations; orthogonal functions; solution of partial differential equations.
30 lectures.

Component C: vector analysis — differential operators in vector analysis; line, surface and volume integrals; theorems of Gauss, Green and Stokes; orthogonal curvilinear co-ordinates; applications of vector analysis to continuum mechanics.
2 hours a week for the first half session.

Component D: differential equations and waves — transform theory and other topics to be arranged.
1 hour a week.

Component F: computation — numerically defined functions; numerical differentiation and integration; numerical linear algebra and the eigenvalue problem; numerical solution of ordinary differential equations; either numerical solution of particular partial differential equations or factorization of polynomials and numerical solution of simultaneous linear differential equations.
2 hours a week for a half session and computer practical work as required.

Note: Candidates may not offer component D with component B or B*.
The times of lectures on the above course components will be in accordance with the table on page 142. Additional examples classes may be arranged.
Each course component will be examined by one 2-hour paper.

Mathematics 2A

Monday, Wednesday, Friday 10, Tuesday 12, Wednesday, Friday 12.

Elementary real and complex variable analysis; linear and abstract algebra. Vector analysis; line, surface and volume integration; partial differential equations; dynamics.

EXAMINATION: 2 papers.

Mathematics 2CV

Monday 10 (terms 1 and 2), Wednesday 10 (term 1).

Component B*.

EXAMINATION: One 2-hour paper, the result to be incorporated within the examination for Civil Engineering 2EN/2H/2P.

Mathematics 2EE

Monday, Wednesday 12.

Component A.

EXAMINATION: One 2-hour paper.

Mathematics 2ME

Tuesday 10 (whole session), Monday, Wednesday 10 (2nd half-session).

Component D.

EXAMINATION: One 2-hour paper.

Mathematics 2GP

4 out of the following 5 hours: Monday, Wednesday 10, Wednesday, Friday 12, Monday 12.

Linear algebra, functions of a complex variable, higher dynamics, waves, differential equations, special functions of mathematical physics.

EXAMINATION: 2 papers.

Mathematics 2MM

12 hours a week and tutorial classes at times to be arranged.

Approved selection of courses, some extending over the whole session and others over half the session, from list including algebra, topology, analysis, mathematical logic, geometry, mathematical methods, continuum and fluid mechanics, electromagnetic theory, particle and field dynamics, statistics, computation, operational research.

Each course will be examined.

Mathematics 2P

10 hours a week and tutorial classes at times to be arranged.

Algebra, analysis, calculus, dynamics, potential theory, together with other courses as arranged.

Each course will be examined.

Mathematics 2PX

Monday, Wednesday 10, Wednesday, Friday 12, and an examples class at a time to be arranged.

Some or all of: matrices, functions of a complex variable, higher dynamics, differential equations, special functions of mathematical physics, numerical analysis.

EXAMINATION: 3 papers.

Mathematics 3A

Monday 11, Monday, Wednesday, Thursday 12, and one further hour (or equivalent) and tutorial classes at times to be arranged.

Selected topics in pure and applied mathematics.

EXAMINATION: 3 papers. (Course work/projects may be involved in the overall assessment and may, exceptionally, replace one paper. In assessing the results of the final examination, the candidate's performance in the Mathematics 2A examination will be taken into account.)

Mathematics 3CV(1)

24 lectures plus examples classes

Topics selected in consultation with the Department of Civil Engineering.

Mathematics 3CV(2)

24 lectures plus examples classes

Topics selected in consultation with the Department of Civil Engineering.

Mathematics 3EE(1)

24 lectures at times to be arranged.

Topics selected in consultation with the Department of Electrical and Electronic Engineering.

Mathematics 3EE(2)

24 lectures at times to be arranged.

Topics selected in consultation with the Department of Electrical and Electronic Engineering.

Mathematics 3ME(1)

24 lectures at times to be arranged.

Topics selected in consultation with the Department of Mechanical Engineering.

Mathematics 3ME(2)

24 lectures at times to be arranged.

Topics selected in consultation with the Department of Mechanical Engineering.

Mathematics 3MM

9 hours a week and tutorial classes at times to be arranged.

Courses, some extending over the whole session and others over half the session, will be given on a number of topics. In any one year the list of topics may include: real variable analysis, complex variable analysis, functional analysis, analytic topology, algebraic topology, differential topology, geometry, algebra, groups, rings, theory of numbers, mathematical logic, set theory, electromagnetism, fluid mechanics, advanced dynamics, statistical mechanics, quantum theory, relativity, elasticity, waves, aircraft dynamics, astronomy, mathematical methods, control theory, numerical analysis, linear and non-linear programming, topics in operational research, statistics, probability, stochastic processes, experimental design, multivariate analysis.

Each candidate will take a selection of courses, approved by the chairman of the School of Mathematics, some extending over the whole session and others over half the session.

Each course will be examined. (In assessing the result of the final examination the candidate's performance in the Mathematics 2MM examination will be taken into account.)

Mathematics 3P

8 hours a week and tutorial classes at times to be arranged.

Analysis, calculus, mathematical logic, wave theory, hydrodynamics, together with other courses as arranged.

Each course will be examined. (In assessing the result of the final examination, the candidate's performance in the Mathematics 2MM or 2P examination will be taken into account.)

Mathematical methods in chemical engineering 1

24 lectures and examples classes.

Vector algebra (including eigen values and vectors); generation of the Laplace and heat equations; physical and mathematical representation of initial and boundary conditions; power series and series of solutions of ordinary differential equations (including, for example, Bessel's equation); initial value and boundary value problems.

Finite difference formulae (forward, central and backward); predictor-corrector formulae; Runge-Kutta method; tridiagonal matrices; sets of ordinary differential equations — characteristic equation method for initial value and boundary value problems.

Mathematical methods in chemical engineering 2

24 lectures and examples classes.

Partial differential equations: classification — hyperbolic, parabolic and elliptic; solution — separation of variables technique, Fourier series; numerical techniques — stability, convergence, compatibility.

Mathematical methods in chemical engineering 3

24 lectures and examples classes.

Use of complex variable techniques; Laplace and Fourier transforms; further ordinary and partial differential equations to include non-linear problems.

Each of the above courses will be given on the basis of 1 lecture per week throughout the session. In addition there will be fortnightly examples classes to consider the application of the mathematical methods to chemical engineering problems. Lectures and examples classes at times to be arranged.

Mathematical methods in energy engineering 1

48 lectures and examples classes.

Vector algebra (including eigen values and vectors); generation of the Laplace and heat equations; physical and mathematical representation of initial and boundary conditions; power series and series of solutions of ordinary differential equations (including, for example, Bessel's equation); initial value and boundary value problems.

Finite difference formulae (forward, central and backward); predictor-corrector formulae; Runge-Kutta method; tridiagonal matrices; sets of ordinary differential equations – characteristic equation method for initial value and boundary value problems.

Partial differential equations: classification – hyperbolic, parabolic and elliptic; solution – separation of variables technique, Fourier series; numerical techniques – stability, convergence, compatibility.

EXAMINATION: Two 2-hour papers.

Mathematical methods in energy engineering 2

24 lectures and examples classes.

Use of complex variable techniques; Laplace and Fourier transforms; further ordinary and partial differential equations to include non-linear problems.

EXAMINATION: One 2-hour paper.

Mathematics for Mechanical Engineers 1ME

58 lectures and ten 1-hour examples classes.
4 hours a week in the first term and 2 hours a week in the second, with examples classes timetabled fortnightly throughout both terms.

Review of A level calculus, complex numbers, functions, 1st order ordinary differential equations, 2nd order linear ordinary differential equations with constant coefficients, partial differentiation, vectors, solution of simultaneous linear equations, determinants, matrix algebra, rank of matrix, inversion of a matrix, linear dependence and independence of vectors, eigenvalues and eigenvectors with application to oscillating systems.

EXAMINATION: One 3-hour paper, one 2-hour paper.

Statistics 1A

Monday, Tuesday, Wednesday, Friday 9; *or* Monday, Tuesday, Friday 10, Thursday 9.

Components 1S1 and 1S2.

Candidates taking Statistics 1A must either have passed Mathematics OA or have reached a satisfactory standard in pure mathematics at A-level.

EXAMINATION: 2 papers and assessment of practical work during the course.

Statistics 1GP

Tuesday, Friday 9, Monday 9 (part-year).

Elementary treatment of statistical data; probability distributions, sampling and probability theory. Applied probability.

EXAMINATION: 1 paper.

Statistics 1Z

Thursday, Friday 9.

Elementary treatment of statistical data; introduction to problems of sampling.

Normally Mathematics OA or equivalent is an admission requirement for this course. Completion of the course does not qualify a student to proceed to further courses in statistics in the University.

EXAMINATION: 1 paper.

Statistics 2A

Tuesday, Thursday 10, Thursday 2–5.

Distribution theory, experimental design, sampling theory, non-parametric methods, exploratory data analysis.

EXAMINATION: 2 papers and assessment of practical work during the course.

Statistics 2A(1)

Tuesday, Thursday 10.

Distribution theory and introduction to experimental design.

EXAMINATION: 1 paper.

Statistics 3A

6 hours a week from: Monday 2–5, Tuesday 10–12, Thursday 10, 2 other hours to be arranged.

Statistical methodology, general linear model and statistical inference followed by a selection from: stochastic processes, further experimental design and further statistical inference. Practical work will be selected from all these topics.

EXAMINATION: Four 2-hour papers and assessment of practical work during the course. (In assessing the result of the final examination, the candidate's performance in the Statistics 2A examination will be taken into account.)

Microbiology

Microbiology 1Z(A)

A first-year course for students proceeding to second-year courses in the subject.

Lectures: Monday, Wednesday 2, Tuesday 5; laboratory work: Monday 3–5, Friday 2–4.

An introduction to micro-organisms, their properties, present role and status in relation to other biological sciences; their clinical and industrial importance. The course will include work on bacteria, viruses, and fungi.

EXAMINATION: One 1½-hour paper and assessment of written and practical work produced during the course.

Microbiology 1Y(A)

An introduction to microbiology for subsidiary students, not proceeding to second-year courses.

Lectures: Monday, Wednesday 2, Tuesday 5; laboratory/demonstration work: Friday 2–4.

An introduction to micro-organisms, their properties, present role and status in relation to other biological sciences; their clinical and industrial importance. The course will include work on bacteria, viruses and fungi.

EXAMINATION: One 1½-hour paper and an assessment of written work produced during the course.

Microbiology 2A

Lectures: Monday, Friday 10, Wednesday 2; laboratory work: Monday, Friday 11–1, Wednesday 3–5.

Basic immunology and microbial techniques; medical mycology; virology; bacterial growth, structure and function.

This course will *normally* require previous attendance at Microbiology 1Z(A).

EXAMINATION: 1 paper and assessment of practical work and of written work produced during the course. An oral examination may be required.

Microbiology 2FS

2 lectures and 4 hours' laboratory work a week for the second term only. Prior attendance at Microbiology 1Z(A) *or* Microbiology 1Z(B) is required.

Techniques of food microbiology. Food poisoning. Studies of food preserved by various techniques.

This course will *normally* require previous attendance at Microbiology 1Z(A).

EXAMINATION: 1 paper and assessment of written and practical work.

Microbiology 2MY

Lectures: 1st half-year: Monday, Friday 10, Wednesday 2. 2nd half-year: Monday 9, 10, 12, Wednesday 9, 2, Friday 10; Laboratory work: 1st term: Monday, Friday 11–1, Wednesday 3–5. 2nd term (1st 2 weeks): Tuesday 10–1, 2–5; (last 8 weeks): Monday, Friday 3–5, Tuesday 10–1, 2–5, Wednesday 11–1. 3rd term: Monday, Friday 11–1, Tuesday 10–1, 2–5, Wednesday 3–5.

Basic immunology and microbial techniques; medical mycology; virology; bacterial growth, structure and function; systematic bacteriology and taxonomy.

This course will *normally* require previous attendance at Microbiology 1Z(A).

EXAMINATION: 2 papers, assessment of practical work and of written work produced during the course and an oral examination.

Microbiology 3A

Lectures: Monday 10, 12, Wednesday 2; laboratory work: Monday, Friday 11–1, Wednesday 3–5. However, it may be necessary for certain classes to be held on Wednesday 9–1, 3–5, or at another time convenient in relation to students' other courses.

Microbial technology; medical microbiology; immunology; bacterial metabolism and physiology *or* food microbiology *or* advanced virology. It is not possible to guarantee that requirements of students' other courses will allow a full choice of all four options.

EXAMINATION: 2 papers, assessment of practical work and of written work produced during the course. An oral examination may be required.

Microbiology 3FS

3 lectures and 6 hours' laboratory work a week for five weeks only in the second term.

Selected topics in advanced food microbiology.

EXAMINATION: 1 paper and assessment of written and practical work.

Microbiology 3IM

A one-year course of full-time work based on Microbiology 3MY and including some topics from Microbiology 2MY. The course will concentrate on medical aspects of the subject and will include lectures and formal practicals dealing with microbiological technique, bacterial

taxonomy, systematic bacteriology, mycology and virology together with additional tutorial lectures on diagnostic bacteriology and on micro-organisms and disease. Students will have a period of attachment in the diagnostic laboratories in the Department and in the Public Health Laboratory, Leeds. The course will also include a small research project.

EXAMINATION: 3 papers, assessment of laboratory work and of a research project and an oral examination.

Microbiology 3MY

4 lectures and 8 hours' practical work per week and tutorials to be arranged.

Systematic virology; microbial technology; medical microbiology; immunology; advanced microbial physiology *or* food microbiology *or* advanced virology *or* antibiotics.

A research project (12 hours per week) will be undertaken during the whole of the first and second terms. A short written project report will be presented during the third term.

EXAMINATION: 4 papers, assessment of the research project, of practical work and of written work produced during the course, and an oral examination.

Molecular Biophysics (See Biophysics)

Operational Research (See Computational Science, Data Processing and Operational Research)

Pathology

Pathology 3IM

A one-year course of study comprising 5–6 hours of tutorials/seminars and 3 days' laboratory work per week. The course will concentrate on the scientific principles of pathology that underlie organic disease processes. The formal tuition will cover the factors causing disease and its structural and functional basis at the cellular, tissue and systemic level. The application and relevance of the scientific principles of pathology to the development of overt clinical disease will be illustrated in selected systems. A major component of the course will be a supervised project during the first and second terms leading to a dissertation submitted early in the third term.

EXAMINATION: 3 written papers, assessment of course work and project, and an oral examination.

Pharmacology

Pharmacology 1A

Lectures: Monday 11, Thursday 9, Friday 2; laboratory work: alternate Tuesdays 9–1. Tutorials at times to be arranged.

Sources of drugs. The absorption, distribution, metabolism and excretion of drugs. An introduction to drug selectivity and to the theories of drug action. Molecular structure and chemical reactivity in relation to drug action. The pharmacology of chemotherapeutic agents. Drugs affecting the peripheral nervous system. Drug production, marketing, dependence and abuse.

EXAMINATION: A 1-hour multiple choice paper, an essay paper and assessment of course work. An oral examination may be required.

Pharmacology 2A

Lectures: Wednesday 9, Friday 11, 2; laboratory work or teaching session: Tuesday 10–5.30. Essays to be written on topics chosen from a limited list.

A systematic survey of the development, actions, mechanisms of action and uses of drugs affecting various systems and processes, including central nervous, cardiovascular, endocrine, renal and digestive systems; blood clotting and inflammatory processes; cancer chemotherapy.

This course requires previous attendance at Pharmacology 1A.

EXAMINATION: 2 papers and assessment of course work. An oral examination may be required.

Pharmacology 2PM

Lectures: Tuesday, Wednesday, Thursday 9, Friday 11, 2; laboratory work: Thursday and occasional Tuesdays 10–5.30; teaching sessions alternate Tuesdays 10–4; tutorials, essay writing and directed reading at times to be arranged.

A systematic survey of the development, actions, mechanisms of action and uses of drugs affecting various systems and processes, including: central nervous, cardiovascular, endocrine, renal and digestive systems; blood clotting and inflammatory processes; cancer chemotherapy. More advanced studies in general pharmacology including: the design of experiments and data processing; the isolation and characterization of drug receptors; theoretical approaches to studies of structure activity relationships; methods for evaluating drug toxicity; physicochemical techniques in pharmacology.

EXAMINATION: 3 papers, an oral examination and assessment of course work.

Pharmacology 3A

Lectures: Tuesday, Thursday 9; seminars and laboratory preparation: Thursday 2–5; laboratory work: Friday 9–5.

An advanced course on selected topics including: the design of experiments and data processing; immunochemistry and allergic disorders; the isolation and characterization of drug receptors; the effects of drugs on the electrical properties of cells; drug action in the central nervous system with reference to chemical neurotransmission; antihypertensive drugs and techniques in cardiovascular research; methods of evaluation and mechanisms of drug toxicity.

EXAMINATION: 2 papers, assessment of course work including essays and a seminar presentation on an assigned topic.

Pharmacology 3IM

A one-year course based on Pharmacology 3PM including some additional topics from Pharmacology 2PM.

EXAMINATION: 3 papers, an oral examination and assessment of course work, to include essays, a written dissertation and a seminar presentation on the project.

Pharmacology 3PM

Lectures: 3 hours and tutorials 1 hour per week at times to be arranged; seminars 3 days during terms 1 and 2; laboratory work an average of 3 days per week during term 1 and an experimental project 4 days per week for 8 weeks during term 2. A library project may be undertaken in place of the experimental project in term 2.

In addition to general advanced studies, students will be allocated to small groups for detailed studies in certain areas during the first term; at this time a course may be taken in an approved, related field in another department. Most of the second term will be devoted to an individual project assignment. Emphasis is placed on the development of communication skills, both written and oral.

EXAMINATION: 3 papers, an oral examination and assessment of course work, to include essays, a written dissertation and a seminar presentation on the project.

Physics

Physics 0A

Lectures: Tuesday 11, Thursday 11, Friday 2; and 3 hours' laboratory work: Thursday 2–5 *or* Monday 2–5.

The course covers the main branches of physics in an elementary manner under the headings: matter and motion; heat, light and atoms; electricity and magnetism.

This is a one-year course designed to bring students to a level equivalent to a good grade in GCE A-level. An aptitude for physics and some prior knowledge of mathematics is needed for the course.

EXAMINATION: 1 paper and laboratory work during the course.

Physics 1A

Lectures: Monday, Wednesday, Friday 11; laboratory: Thursday 2–5 *or* Monday 2–5; tutorials: Friday 2 or at times to be arranged.

A course provided for students in combined schemes of study, or in Biophysics, who expect to proceed to further courses in physics, and for students with A-level passes in physics and mathematics who wish to take a one-year course in physics. The main topics dealt with are electro-magnetism, vibrations and waves, optics, thermal physics and atomic physics.

EXAMINATION: 2 papers and assessment of laboratory.

Physics 1D

4 hours a week, including lectures, laboratory and tutorial work at times to be arranged.

A course in astronomy available to students with A-level passes in physics and mathematics. General descriptive survey of the universe. Solar system, stars and galaxies. Observational methods and techniques.

EXAMINATION: 1 paper and exercises during the course.

Physics 1E

4 hours a week, including lectures, laboratory and tutorial work at times to be arranged.

A course in electronics available to students with A level passes in physics and mathematics.

EXAMINATION: 1 paper and exercises during the course.

Physics 1GP

4 lectures in common with 1PX or 1A, 1 hour tutorial; and 6 hours per week laboratory for the first half year.

Electricity, vibrations and waves, atomic physics, thermal and statistical physics, mechanics and properties of matter.

EXAMINATION: 2 papers and laboratory work during the course.

Physics 1MS

2 lectures a week and 3 hours' laboratory work a week at times to be arranged.

Matter, waves and electricity.

EXAMINATION: 2 papers and an assessment of laboratory work during the course.

Physics 1PX

Monday, Wednesday, Friday 11, Tuesday 2, Thursday 12; 4 hours' laboratory work a week and weekly tutorial classes at times to be arranged.

Thermal and statistical physics, mechanics and properties of matter, atomic and nuclear physics, electricity, waves and vibrations.

EXAMINATION: 2 papers and exercises and laboratory work during the course.

Physics 2A

Lectures and tutorials: Monday, Wednesday, Thursday 11, Friday 2; laboratory work and tutorial class: Tuesday 2–5 and Thursday 2–5.

Thermodynamics and statistical mechanics, properties of matter, atomic physics, electronics and optics.

EXAMINATION: 2 papers, and exercises and laboratory work during the course.

Physics 2AP

6 lectures and 10 hours' laboratory and classwork a week at times to be arranged.

Thermodynamics and statistical mechanics, atomic and quantum physics, electronics,

general astrophysics, electromagnetic theory and radiation, instrumentation and experimental techniques.

EXAMINATION: 3 papers and exercises and laboratory work during the course.

Physics 2GP

2 hours lectures, 4 hours laboratory work a week and tutorials to be arranged.

Electromagnetic theory, thermodynamics and statistical mechanics.

EXAMINATION: Two 1½-hour papers.

Physics 2P

6 hours a week lectures and 10 hours' laboratory and classwork a week at times to be arranged.

A course equivalent in standing to Physics 2PX and Physics 2AP, intended as a final physics course for the ordinary degree.

An approved selection of topics from astrophysics, thermodynamics, electronics, optics, geophysics, properties of matter, electromagnetism, radiation and nuclear physics.

EXAMINATION: 3 papers, and exercises and laboratory work during the course.

Physics 2PL

6 lectures and 10 hours' laboratory and classwork a week at times to be arranged.

Thermodynamics and statistical mechanics, solid state physics, atomic and quantum physics, electromagnetism, electronics, instrumentation and experimental techniques.

EXAMINATION: 3 papers and exercises and laboratory work during the course.

Physics 2PX

Lectures: Monday, Wednesday 11, and 4 further hours at times to be arranged; and 10 hours' laboratory and tutorial a week at times to be arranged.

Solid state physics, electromagnetism, electronics, thermodynamics and statistical mechanics, atomic and quantum physics, instrumentation and experimental techniques.

EXAMINATION: 3 papers and exercises and laboratory work during the course.

Physics 3A

Lectures: Monday, Thursday 10, Friday 9, and 1 lecture a week at a time to be arranged (normally Friday 11); 5 hours' laboratory work: Tuesday 2–5 and Thursday 2–4; tutorials at times to be arranged.

Electromagnetism, quantum mechanics, condensed matter physics, nuclear physics and relativity.

EXAMINATION: 3 papers, and exercises and laboratory work during the course.

Physics 3AP

8 lectures and 12 hours a week laboratory, project and tutorial work, at times to be arranged.

Five lectures a week will be taken by all students, the themes covered being quantum mechanics, optics, condensed matter physics, nuclear physics, high energy astrophysics. The remaining 3 lectures a week will be chosen from several options of which at least two must be chosen from a group which may include solar and terrestrial physics, gravitation and cosmology, theoretical particle physics and an approved course in mathematics or computing. The third option may be taken from a limited range of options open to Physics 3PX students.

EXAMINATION: 5 common 2-hour papers, 1 common paper on problems, and 3 further 2-hour papers on the options chosen; together with an assessment of exercises, laboratory and project work undertaken during the course.

Physics 3PL

8 lectures and 12 hours a week laboratory, project and tutorial work, at times to be arranged.

Five lectures a week will be taken by all students, the themes covered being optics, condensed matter physics, nuclear physics, electronic techniques, instrumentation and experimental techniques.

The remaining 3 lectures a week will be chosen from several options which may include polymer physics, low temperature physics, physics of semiconductor devices, solar and terrestrial physics, gravitation and cosmology, high energy astrophysics, quantum mechanics, a further course in mathematics or computing.

EXAMINATION: 5 common 2-hour papers, 1 common paper on problems, and 3 further 2-hour papers on the options chosen; together with an assessment of exercises, laboratory and project work undertaken during the course.

Physics 3PX

8 lectures and 12 hours a week laboratory, project and tutorial work at times to be arranged.

Four lectures a week will be taken by all students, the themes covered being optics, quantum mechanics, condensed matter physics, and nuclear physics. The remaining 4 lectures a week will be chosen from several options, which may include polymer physics, low temperature physics, electronic techniques, high energy astrophysics, solar and terrestrial physics, theoretical particle physics, gravitation and cosmology, physics of semiconductor devices, a further course in mathematics or computing.

EXAMINATION: 4 common 2-hour papers, 1 common paper on problems, and 4 further 2-hour papers on the options chosen; together with an assessment of exercises, laboratory and project work undertaken during the course.

Physiology

Physiology 1A and 1PY

Lectures: Monday, Wednesday, Friday 9; laboratory work: Monday 2–5.

The course provides an introduction to aspects of animal physiology with particular

reference to mammalian and human physiology. Topics studied include: cells, body fluids, peripheral nervous system, spinal cord, brain stem, muscle, cardiovascular system, gastrointestinal tract, central nervous system or elements of respiratory/renal physiology.

EXAMINATION: One 3-hour paper and assessment of practical work. An oral examination may be required.

Physiology 1Z(B)

Lectures: Monday 9, Thursday 11, Friday 9; laboratory work or seminars and tutorials as required: Tuesday 2–5.

The course is an introduction to mammalian physiology. It is taught with a general systems approach.

EXAMINATION: One 1½-hour paper, one multiple-choice question paper, and assessment of work done during the course.

Physiology 2A

Lectures: Monday 9, Wednesday 11, Friday 12; laboratory work: Monday 10–5.

Topics studied include: central nervous system, energy balance and temperature regulation, renal and respiratory systems, membrane biophysics, endocrinology, and aspects of applied physiology.

This course normally requires previous attendance at Physiology 1A.

EXAMINATION: Two 3-hour papers and assessment of practical work. An oral examination may be required.

Physiology 2PY

As for Physiology 2A with additional lecture and seminars amounting to 3 hours a week at times to be arranged.

Topics include handling of experimental data; physiological mathematics; introduction to computers and programming; selected physiological topics.

EXAMINATION: Three 3-hour papers and assessment of course work. An oral examination may be required.

Physiology 3A

2 lectures, 1 seminar and 1 day's practical a week, at times to be arranged.

A course using advanced techniques to study selected material from a choice of topics which include membrane biophysics, renal physiology, cardiovascular physiology, muscle physiology, neurophysiology, energy/endocrinology, human environmental physiology and projects.

This course must be preceded by Physiology 1A and 2A.

This course may include one week of field-work in human physiology, usually during a vacation, depending upon the option chosen.

EXAMINATION: 3 papers, assessment of laboratory work and an oral examination.

Physiology 3PY

2 lectures, 2 seminars and 2 days' practical a week, at times to be arranged.

A course using advanced techniques to study from a choice of topics which include membrane biophysics, renal physiology, cardiovascular physiology, muscle physiology, neurophysiology, energy/endocrinology, human environmental physiology and projects.

This course may include one week of field-work in human physiology, usually during a vacation, depending upon the option chosen.

EXAMINATION: 4 papers, assessment of laboratory work, and an oral examination.

Plant Biology

All courses in plant biology include field-work during term and vacation.

Geography/Plant Biology 2B

Geography: lectures: Monday 12; laboratory work, Friday 1–3 *or* 3–5.

Plant Biology: 6 hours a week including practical work.

Evolutionary history and biology of the pteridophytes, gymnosperms and related groups. Plant geography and vegetation history with particular reference to the origins of the British flora. History and principles of plant taxonomy and nomenclature. *Either* modelling and computing methods for physical geography *or* cartography, photogrammetry, remote sensing and surveying.

EXAMINATION: 1 paper, 1 practical examination, and asessment of practical work in geography and plant biology.

Plant Biology 1A

Lectures: Monday, Friday 9, Wednesday 10; laboratory work: Friday 2–5.

Plant cell biology. Developmental biology of flowering plants. Biology of non-flowering and flowering plants. Experimental taxonomy; origins of crop plants. Introduction to computing for biology.

EXAMINATION: 1 paper and assessment of the year's practical work; a practical examination may be required.

Plant Biology 1Y(B)

Lectures: Monday, Friday 9, Wednesday 10; laboratory work: Friday 2–5.

Biology of non-flowering and flowering plants. Experimental taxonomy; origins of crop plants. Introduction to computing for biology.

EXAMINATION: One 1½-hour paper and assessment of practical work done during the course.

Plant Biology 1Z(A)

Lectures: Monday, Friday 9, Wednesday 10; laboratory work: Friday 2–5.

Plant cell biology. Developmental biology of flowering plants.

EXAMINATION: One 1½-hour paper and assessment of practical work done during the course.

Plant Biology 2A

Lectures: Monday. Friday 9, Wednesday 10; laboratory work: Monday 10–1.

Whole plant physiology. Diversity of non-flowering plants. Experimental ecology, autecology, phytosociology, biogeography.

EXAMINATION: 1 paper and assessment of the year's practical work; a practical examination may be required.

Plant Biology 2B

Lectures: Tuesday 10, Thursday 9, 11; laboratory work: Thursday 2–5.

Applied genetics and plant breeding. Physiology of growth and development in individual plants and in crop communities. Mycology, plant pathology, symbiosis. Plant technology.

EXAMINATION: 1 paper and assessment of the year's practical work; a practical examination may be required.

Plant Biology 2PB

The course consists of Plant Biology 2A and Plant Biology 2B.

EXAMINATION: 2 papers and assessment of the year's practical work; a practical examination may be required.

Plant Biology 2W(B)

Lectures: Tuesday 10, Thursday 9, 11; laboratory work: Thursday 2–5.

Mycology, plant pathology, symbiosis. Plant technology.

EXAMINATION: One 1¾-hour paper and assessment of practical work done during the course.

Plant Biology 2X(A)

Lectures: Tuesday 10, Thursday 9, 11; laboratory work: Thursday 2–5.

Applied genetics and plant breeding. Physiology of growth and development in individual plants and in crop communities.

EXAMINATION: One 1¾-hour paper and assessment of practical work done during the course.

Plant Biology 2Y(B)

Lectures: Monday, Friday 9, Wednesday 10; laboratory work: Monday 10–1.

Experimental ecology, autecology, phytosociology, biogeography.

EXAMINATION: One 1¾-hour paper and assessment of practical work done during the course.

Plant Biology 2Z(A)

Lectures: Monday, Friday 9, Wednesday 10; laboratory work: Monday 10–1.

Whole plant physiology. Diversity of non-flowering plants.

EXAMINATION: One 1¾-hour paper and assessment of practical work done during the course.

Plant Biology 3A

5 hours a week (made up of lectures, practical classes, tutorials, seminars, as the topic requires) at times to be arranged, together with a project.

The course consists of a selection of topics chosen from those in Plant Biology 3PB, approved by the head of the Department as appropriate to the second subject.

EXAMINATION: 2 papers, 1 practical examination, an assessment of practical work and a project report.

Plant Biology 3PB

10 hours a week (made up of lectures, practical classes, tutorials, seminars, as the topic requires) at times to be arranged, together with a project in one of the first two terms.

The course includes a selection from the following topics: Biology of the bryophytes, seaweed metabolism, microalgae, physiological aspects of crop productivity, experimental and evolutionary ecology, experimental taxonomy, evolutionary aspects of cell biology, palaeo-plant geography, plant ecology of extreme environments. Plant breeding, growth and development in higher plants, topics in photosynthesis, quaternary palaeo-ecology, advanced plant anatomy, methods in photosynthesis research and special topics in plant physiology.

EXAMINATION: 4 papers, 1 practical examination, an assessment of practical work and one project report.

Psychology

Psychology 1A

Monday 10, 3, Thursday 2; experimental exercises and tutorials at times to be arranged.

An introduction to psychology; the study of human behaviour by empirical methods; personality and individual differences; biological formulation of psychology; social psychology.

EXAMINATION: 2 papers and assessment of course work.

Psychology 1B

Monday 10, 3, Thursday 2; experimental exercises and tutorials at times to be arranged.

An introduction to psychology; the study of human behaviour by empirical methods; biological foundations of psychology; social psychology.

EXAMINATION: 2 papers and assessment of course work.

Psychology 1D

Lectures: Monday 10, 3; Thursday 2.
Experimental practicals: Wednesday 2–5 or Thursday 3–6 and tutorials at times to be arranged.

The courses will normally include: social psychology, developmental psychology, learning, biological psychology, cognitive psychology, perception, applications of psychology, practical work and statistics.

EXAMINATION: 2 papers and an assessment of practical work.

Psychology 1PS

Monday 10, 3, Thursday 2; experimental exercises and tutorials at times to be arranged.

An introduction to psychology; the study of human behaviour by empirical methods; personality and individual differences; biological foundations of psychology; social psychology.

EXAMINATION: 2 papers and assessment of course work.

Psychology 2A

5 hours' lectures a week, laboratory work and tutorial classes at times to be arranged.

A one-year scheme of study in psychology based on course work included in Psychology 2PS and Psychology 3PS.

EXAMINATION: 2 papers.

Psychology 2D

Lectures: 3 hours a week at times to be arranged. 3 hours a week practicals and tutorials at times to be arranged for each lecture course.

The courses will normally include: cognitive psychology, perception, psycholinguistics, experimental and statistical methodology, and accompanying practicals.

EXAMINATION: 2 papers and an assessment of coursework and practical work.

Psychology 2E

Lectures: 3 hours a week at times to be arranged. 3 hours a week practicals and tutorials at times to be arranged for each lecture course.

The courses will normally include: social psychology, developmental psychology, individual differences, psychometrics and accompanying practicals.

EXAMINATION: 2 papers and an assessment of coursework and practical work.

Psychology 2PS

7 hours' lectures a week; laboratory work and tutorial classes at times to be arranged.

Learning; cognitive psychology and language; social psychology and personality; motivation and emotion; comparative and physiological psychology; statistics and the design of experiments.

EXAMINATION: Assessment of course work and practical exercises.

Psychology 3A

5 hours' lectures a week, laboratory work and tutorial classes at times to be arranged.

A one-year course in psychology based on course-work included in Psychology 2PS and Psychology 3PS.

EXAMINATION: 3 papers covering the content of Psychology 2A and 3A and assessment of practical work and/or project.

Psychology 3D

Lectures: 3 hours a week at times to be arranged. 3 hours a week practicals, and course related tutorials at times to be arranged, and a research project.

The courses will normally include: cognitive psychology (four components); applied social psychology *or* developmental psychology (two out of four components); an individual research project.

EXAMINATION: 2 papers, an assessment of coursework, practical work and the research project.

In assessing the result of the final examination, the candidate's performance in Psychology 2D and 2E will be taken into account.

Psychology 3IM

A one-year course based on Psychology 1PS, 2PS and 3PS and including lectures, tutorials, laboratory and project work at times to be arranged.

EXAMINATION: 4 papers, assessment of course essays, of practical work, and of an individual research project. An oral examination may be required.

Psychology 3PS

7 hours' lectures a week: laboratory work and tutorial classes to be arranged.

Perception; developmental psychology; special options covering the areas specified in Psychology 2PS to greater depth and including applied psychology and the history and methodology of psychology.

EXAMINATION: 7 papers, assessment of course essays, assessment of practical work including an individual research project. An oral examination may be required.

Statistics (See Mathematics, Statistics.)

Zoology

Zoology 1A

Lectures: Monday, Tuesday, Wednesday 11; laboratory work: Tuesday *or* Wednesday 2–5, Thursday 10–1 *or* 2–5.

Systematics, comparative morphology, interrelationships and general bionomics of invertebrates; behaviour; adaptations to the environment; entomology; experimental design; data handling and presentation; statistics; computing.

EXAMINATION: 1 paper, 1 practical examination and assessment of course work.

Zoology 2A

This course normally requires previous attendance at Zoology 1A.

Lectures: Wednesday 9, 12, Thursday 10; laboratory work: Tuesday *or* Thursday 11–5.

Comparative anatomy, functional adaptations and evolution of the vertebrates; comparative animal physiology including respiration, excretion, osmoregulation and nutrition; parasitology; histology.

EXAMINATION: 1 paper, 1 practical examination, and assessment of course work.

Zoology 2B

Lectures: Tuesday 10, Wednesday 11; laboratory work: Monday, Friday 2–5.

Animal mechanics; neurobiology; endocrinology; reproduction; embryology; immunology; chronobiology; thermoregulation.

EXAMINATION: 2 papers and assessment of course work.

Zoology 2C

(Students taking Zoology 2C may not take either Zoology 2A, Zoology 2B or Zoology 2E.)

First term: lectures: Wednesday 9, 12, Thursday 10; laboratory work: Monday, Friday 2–5.

Second and third terms: lectures: Tuesday 10, Wednesday 11; laboratory work: Monday, Friday 2–5.

Comparative anatomy, functional adaptations, embryology and evolution of the vertebrates; behaviour, parasitology, entomology, and histology.

EXAMINATION: 1 paper, a practical examination, and assessment of laboratory course work.

Zoology 2E

Students taking Zoology 2E may not take Zoology 2A. This course normally requires previous attendance at Zoology 1A.

Lectures: Wednesday 9, 12, Thursday 10; laboratory work: Monday, Friday 2–5 *or* for part of the year, Thursday 11–5.

Comparative anatomy, functional adaptations and evolution of the vertebrates; population dynamics; physiological ecology; nutrition; parasitology; histology.

EXAMINATION: 2 papers and assessment of course work.

Zoology 2ZO

The course consists of Zoology 2A plus Zoology 2B.

EXAMINATION: 3 papers, 1 practical examination and assessment of course work.

Zoology 3A

A selection approved by the head of the Department of components from the Zoology 2B and 3ZO courses. The work will include a personal project.

EXAMINATION: 3 papers, a practical examination and assessment of the project.

Zoology 3ZO

Lectures and laboratory work at times to be arranged.

Physiological topics, including vertebrate endocrinology, neurophysiology, cytology and cell physiology and nutrition. Ecological topics, including dispersal patterns, population dynamics and regulation, parasitology and marine ecology. Each group of topics includes a personal project, lectures, laboratory and field-work, tutorials and seminars.

EXAMINATION: 5 papers, 2 practical examinations and assessment of project reports.

Faculty of Engineering

Architecture (See Civil Engineering)

Ceramics Science and Engineering

Ceramics 1A

2 lectures a week at times to be arranged.

An introduction to colloid and surface chemistry, the rheology of colloidal systems; applications of colloids in medicine, agriculture, soil science, civil engineering and various industries.

Introduction to the science and technology of ceramics.

EXAMINATION: 1 paper.

Ceramics 1CE

1 lecture a week for 13 weeks.

Non-metallic materials.

EXAMINATION: The examination will be included in the examination of Chemical Engineering 2EN.

Ceramics 1CV

1 lecture a week.

Ceramic materials for civil engineering — including glass, structural clay products, thermal insulation, refractories, whitewares, plaster products, and vitreous enamels.

EXAMINATION: One 1½-hour paper.

Ceramics 1P

6½ lectures a week and 3 hours' laboratory work a week.

Materials and energy resources; treatment of raw materials; mechanical properties of solids; microstructure of materials; magnetic, electrical and optical properties of materials. Production and properties of polymers; computing.

EXAMINATION: 3 papers and assessment of practical work.

Ceramics 2A

4 hours a week.

Two or more components selected from the following advanced courses in ceramic

technology: pottery and heavy clay ware, glass, refractories, electrical ceramics, engineering ceramics, cements.

EXAMINATION: 1 paper.

Ceramics 2H

11½ lectures a week and 9 hours' laboratory work a week.

Ceramic fabrication; characterization of materials; physical properties of ceramics; theory and properties of solids; crystallography; ceramic chemistry and analytical methods; thermodynamics.

EXAMINATION: 3 papers and an assessment of practical work.

Ceramics 2P

8 lectures a week and 6 hours' laboratory work a week.

Molecules and crystals. Thermodynamics of materials. Ceramic fabrication science; physical properties of ceramics; ceramic chemistry and analytical methods. Characterization of materials.

EXAMINATION: 3 papers and assessment of practical work.

Ceramics 3H

11 lectures a week. Research project.

Solid state physics; advanced crystallography and structural chemistry; solid state reactions; colloid science; phase equilibria; ceramics for electronic engineering; cement science; glass science; industrial practice and microeconomics. Research project.

EXAMINATION: 4 papers and assessment of practical work.

Ceramics 3P

7 lectures a week and 9 hours' laboratory work a week.

Crystallography; phase equilibria; colloid science. Glass science; cement science. Non-oxide ceramics; refractories; electronic, nuclear and engineering ceramics. Industrial plastics and microeconomics.

EXAMINATION: 4 papers and assessment of practical work.

Chemical Engineering

Chemical Engineering 1EN

7 lectures a week and 6 hours' a week laboratory and drawing office work, and computer programming.

Engineering drawing; communications; unit operations; chemical process principles; chemical technology; strength of materials; FORTRAN programming.

EXAMINATION: 4 papers.

Chemical Engineering 1FE

1 lecture a week.

Unit operations.

EXAMINATIONS: The examination will be included in the examination of Fuel and Combustion Science 2H, Fuel and Energy Engineering 2H, Fuel and Combustion Science 2P and Fuel and Energy Engineering 2P.

Chemical Engineering 1MP

1 hour's lecture and 3 hours' drawing office a week.

Chemical engineering drawing.

EXAMINATION: 1 paper and assessment of course work.

Chemical Engineering 1MT

1 lecture a week for 19 weeks.

Process instrumentation.

EXAMINATION: 1 paper.

Chemical Engineering 2EN(A) and 2H(A)

11 lectures a week and 6 hours a week laboratory, design office and computer work.

Thermodynamics; process analysis; process instrumentation; vessel design; heat transfer; fluid mechanics; unit operations; chemical engineering design and applications; Ceramics 1CE; Fuel and Combustion Science 1CE; Metallurgy 1CE; process control; mathematical methods in chemical engineering 1.

EXAMINATION: 9 papers.

Chemical Engineering 2EN(B) and 2H(B)

9 lectures a week and 6 hours a week laboratory, design office and computer work.

Thermodynamics; process analysis; process instrumentation; vessel design; heat transfer; fluid mechanics; unit operations; chemical engineering design and applications; Ceramics 1CE; Fuel and Combustion Science 1CE; Metallurgy 1CE.

EXAMINATION: 7 papers.

Chemical Engineering 2MT

1 lecture a week for 12 weeks.

Heat transfer for students of metallurgy.

EXAMINATION: 1 paper.

Chemical Engineering 3EN(1A)

9 lectures a week and 6 hours a week project work.

Particle dynamics; mass transfer and cascade processes; physical properties; reaction

engineering; plant and process development and organization; heat transfer; statistics; chemical engineering plant design and project work; Metallurgy 2CE; mathematical methods in chemical engineering 2.

EXAMINATION: 5 papers and assessment of project work.

Chemical Engineering 3EN(1B)

11 lectures a week and 6 hours a week project work.

Process control; particle dynamics; mass transfer and cascade processes; physical properties; reaction engineering; plant and process development and organization; heat transfer; statistics; chemical engineering plant design and project work; Metallurgy 2CE; mathematical methods in chemical engineering 1 and 2.

EXAMINATION: 7 papers and assessment of project work.

Chemical Engineering 3H(A)

13 lectures a week and 10 hours a week laboratory and project work.

Particulate systems; fluid separation; reaction engineering; catalysis; fluid mechanics; heat transfer; production project development; hazards and safety; Metallurgy 2CE; mathematical methods in chemical engineering 2; reaction kinetics; biotechnology; a design project.

EXAMINATION: 8 papers and assessment of design project.

Chemical Engineering 3H(B)

13 lectures a week and 10 hours a week laboratory and project work.

Process control; particulate systems; fluid separation; reaction engineering; catalysis; fluid mechanics; heat transfer; production project development; hazards and safety; Metallurgy 2CE; mathematical methods in chemical engineering 1 and 2; a design project.

EXAMINATION: 8 papers and assessment of design project.

Chemical Engineering 3P(A)

7 lectures a week and 6 hours a week project work.

Particle dynamics; mass transfer and cascade processes; physical properties; reaction engineering; plant and process development and organization; statistics; chemical engineering design and project work; Metallurgy 2CE.

EXAMINATION: 4 papers and assessment of project work.

Chemical Engineering 3P(B)

9 lectures a week and 6 hours a week project work.

Particle dynamics; mass transfer and cascade processes; physical properties; reaction engineering; plant and process development and organization; statistics; chemical engineering design and project work; Metallurgy 2CE; mathematical methods in engineering 1.

EXAMINATION: 6 papers and assessment of project work.

Chemical Engineering 4EN

10 lectures a week and 10 hours a week project work.

Systems analysis; transport process; catalysis; process networks; process control; control strategies; scheduling; evaluation and finance; plant management; the direction of industry; hazards and safety; project work; mathematical methods in chemical engineering 3.

EXAMINATION: 6 papers and assessment of project work.

Civil Engineering

Architectural Engineering 3CV (at Pennsylvania State University)

9 hours a week lectures plus 9 hours design and project work, laboratory and examples classes.

Building science and services design with special reference to developing US practice; timber, concrete and steel design; American architecture; design project.

EXAMINATION: 8 papers; assessment of design project, essays and coursework.

Architectural Engineering 4EN

6 hours a week plus 18 hours a week design and project work, laboratory and examples classes.

Architecture, town planning, building science, structural analysis, design project; and topics selected with the approval of the head of the Department normally from the following areas:* structural analysis, soil mechanics, fluid mechanics, transport studies, public health engineering, hydrology, environmental impact analysis, building science,† mathematical methods, concrete technology.

EXAMINATION: 3 to 5 papers; assessment of coursework and design project.

Civil Engineering 1EN

10 hours a week lectures plus 9 hours a week drawing office, laboratory and examples classes.

Structural and stress analysis, surveying, civil engineering materials, fluid mechanics, civil engineering design, engineering statistics and computing, energy, history and philosophy of engineering (or an approved alternative subject).

EXAMINATION: 7 papers; assessment of essays and coursework.

* Candidates will be advised by the head of the Department of the optional subjects available in the third and fourth years and their permissible combinations.
† Building Science is a required subject in both the third and fourth years for those candidates who wish their degree to gain them partial exemption from the examination of the Royal Institute of British Architects and the Chartered Institution of Building Services. Further details are available from the head of the Department of Civil Engineering.

Civil Engineering 2EN, 2H and 2P

12 hours a week lectures plus 9½ hours a week design office, laboratory and examples classes.

Easter vacation surveying course of approximately two weeks' duration. Some one-day field visits in geology.

Structural and stress analysis, civil engineering design, surveying and transport engineering, soil mechanics, fluid mechanics, water resources engineering, geology, engineering computation, Mathematics 2CV.

EXAMINATION: 9 papers; assessment of essays and coursework.

Civil Engineering 3EN

9 hours a week lectures plus 9 hours a week design and project work, laboratory and examples classes.

Civil engineering practice, design project, civil engineering economics and finance, structural analysis; and topics selected with the approval of the head of the Department, normally from the following areas:* stress analysis, concrete and steel design and construction, fluid mechanics, soil engineering, engineering geology, surveying, public health engineering, hydrology, transport studies, mathematical methods, civil engineering materials, building science.

EXAMINATION: 6 to 9 papers; assessment of essays, course work and design project.

Civil Engineering 3H

7 hours a week lectures plus 9 hours a week design and project work, laboratory and examples classes.

Structural analysis, design project; and topics selected with the approval of the head of the Department normally from the following areas:* structural analysis, concrete and steel design and construction, fluid mechanics, soil engineering, engineering geology, surveying, public health engineering, transport studies, civil engineering materials, civil engineering economics and finance, civil engineering practice.

EXAMINATION: 4 to 7 papers plus assessment of essays, coursework and design project.

Civil Engineering 3P

5 hours a week lectures plus 9 hours a week design and project work, laboratory and examples classes.

Structural analysis, design project; and topics selected with the approval of the head of the Department normally from the following areas:* structural analysis, concrete and steel design and construction, fluid mechanics, soil engineering, engineering geology, surveying, public health engineering, transport studies, civil engineering materials, civil engineering economics and finance, civil engineering practice.

EXAMINATION: 4 to 5 papers plus assessment of essays, coursework and design project.

* Candidates will be advised by the head of the Department of the optional subjects available in the third and fourth years and their permissible combinations.

Civil Engineering 4EN

6 hours a week lectures plus 18 hours a week design and project work, laboratory and examples classes.

Civil engineering project and topics selected with the approval of the head of the Department normally from the following areas:* advanced structural analysis, geotechnics, fluid mechanics, transport studies, mathematical methods, hydrology, building science, environmental impact analysis, public health engineering, concrete technology.

EXAMINATION: 4 to 6 papers; assessment of civil engineering project and coursework.

Civil Engineering with Architecture 3H

9 hours a week plus 9½ hours a week design and project work, laboratory and examples classes.

Architecture, design project, structural design, building services engineering, foundation engineering, fluid mechanics, and topics selected with the approval of the head of the Department normally from the following areas:* civil engineering practice, civil engineering economics and finance, civil engineering materials, public health engineering, transport engineering, structural analysis.

EXAMINATION: 7 or 8 papers; assessment of essays, coursework and design project.

Civil Engineering with Architecture 3P

7 hours a week plus 9½ hours a week design and project work, laboratory and examples classes.

Architecture, design project, structural design, building services engineering, foundation engineering, fluid mechanics.

EXAMINATION: 6 papers; assessment of essays, coursework and design project.

Civil Engineering with Architecture 3EN

9 hours a week lectures plus 9 hours a week design office, laboratory and examples classes.

Theory and practice of architecture, design project, structural analysis; and topics selected with the approval of the head of the Department normally from the following areas:* steel and concrete design and construction, stress analysis, civil engineering economics and finance, fluid mechanics, soil engineering, transport studies, surveying, public health engineering, hydrology, building science,† civil engineering materials, mathematical methods.

EXAMINATION: 5 to 8 papers; assessment of essays, coursework and design project.

Civil Engineering with Architecture 4EN

6 hours a week lectures plus 18 hours a week design office, laboratory and examples classes.

Architecture, town planning, design project; and topics selected with the approval of the head of the Department normally from the following areas:* structural analysis, geo-

* Candidates will be advised by the head of the Department of the optional subjects available in the third and fourth years and their permissible combinations.

† Building Science is a required subject in both the third and fourth years for those candidates who wish their degree to gain them partial exemption from the examination of the Royal Institute of British Architects and the Chartered Institution of Building Services. Further details are available from the head of the Department of Civil Engineering.

technics, fluid mechanics, transport studies, public health engineering, hydrology, environmental impact analysis, building science,* mathematical methods, concrete technology.

EXAMINATION: 3 to 5 papers; assessment of coursework and design project.

Electrical and Electronic Engineering

Electrical and Electronic Engineering 1EN and 1P

9½ hours' lectures a week and 8 hours a week of laboratory work and tutorial classes.

Circuit theory; communications; computer technology; digital circuits; electrical properties of materials; electronic circuits; energy conversion, transducers and control; fields and waves, Computation 1EE.

EXAMINATION: Two 3-hour papers, four 2-hour papers and assessment of course work. The examiners may additionally require a practical examination.

Electrical and Electronic Engineering 2EN

13 or 14 hours' lectures and 6 hours' laboratory work a week.

Circuit theory; computer engineering; digital systems; electromagnetism; electronic circuits; high frequency engineering; together with a selection, approved by the head of the Department, of *four* of the following: communication systems; communication theory; control theory; electrical machines; instrumentation; introduction to English law; power electronics; solid-state electronics (1) and (2); Mathematics 2EE; Computation 2EE.

EXAMINATION: Three 3-hour papers, eight 2-hour papers (or four 3-hour papers, seven 2-hour papers for those taking the law component) and assessment of course work. The examiners may additionally require a practical examination.

Electrical and Electronic Engineering 2P

10 or 11 hours' lectures and 6 hours' laboratory work a week.

Circuit theory; computer engineering; digital systems; electromagnetism; electronic circuits; high frequency engineering; together with a selection, approved by the head of the Department, of *three* of the following: communication systems; communication theory; control theory; electrical machines; instrumentation; introduction to English law; power electronics; solid-state electronics (1) and (2).

EXAMINATION: Three 3-hour papers, five 2-hour papers (or four 3-hour papers, four 2-hour papers for those taking the law component) and assessment of course work. The examiners may additionally require a practical examination.

Electrical and Electronic Engineering 3EN

6 hours a week lectures; laboratory and project work amounting to a total of 280 hours.

A selection, approved by the head of the Department, of *six* subjects chosen from Categories I and II of Electrical and Electronic Engineering 3H.

* Building Science is a required subject in both the third and fourth years for those candidates who wish their degree to gain them partial exemption from the examination of the Royal Institute of British Architects and the Chartered Institution of Building Services. Further details are available from the head of the Department of Civil Engineering.

Engineering information technology; an individual project; and a group design study project.

EXAMINATION: Six 2-hour papers (or five 2-hour papers and one 1½-hour paper). assessment of course work and of project work. and oral examination.

Electrical and Electronic Engineering 3H

8 hours' lectures a week and an experimental project or dissertation amounting to 12 hours a week.

A selection, approved by the head of the Department, of *eight* subjects, not more than two of which may be selected from the list shown in Category II.

Category I: In any one year the list of subjects may include:

Antennas and propagation; communication systems; computer systems; control systems; control theory; design and application of solid-state devices (A) and (B); digital systems; electrical machines (A) and (B); electromagnetism; electronic circuits; electronic systems; satellite communication systems; filters; instrumentation; network synthesis; power electronics; power-system analysis; power systems and high-voltage engineering; signal processing and data transmission; solid-state integrated circuits and systems; waves in communications; microwave engineering; optoelectronics.

Category II: In any one year the list of subjects may include:

Mathematics; mechanical engineering; physics.

EXAMINATION: Eight 2-hour papers (or seven 2-hour papers and one 1½-hour paper) and assessment of project or dissertation.

Electrical and Electronic Engineering 3P

5 hours' lectures a week and an experimental project or dissertation amounting to 12 hours a week.

A selection, approved by the head of the Department, of *five* subjects chosen from Categories I and II of Electrical and Electronic Engineering 3H, not more than one of which may be selected from Category II.

EXAMINATION: Five 2-hour papers (or four 2-hour papers and one 1½-hour paper) and assessment of project or dissertation.

Electrical and Electronic Engineering 4EN

4 hours a week lectures; laboratory and project work amounting to a total of 320 hours.

A selection, approved by the head of the Department, of *four* additional topics from the list available for the course Electrical and Electronic Engineering 3H.

Techniques in computer-aided design and manufacture; a dissertation on a topic on technology in society; and a group design project.

EXAMINATION: Four 2-hour papers, assessment of course work and of project and dissertation, and oral examination.

Engineering

Auxiliary courses

Engineering 1CR, 1FE, 1MI, 1MT, 1V

Selections from the following course components:

Component CV1T: theory and design of structures (12 hours' lectures).

Component EE1T(1): electrical and electronic engineering (24 hours' lectures).

Component EE1T(3): electric power engineering (24 hours' lectures).

Component ME1H(DP): engineering design and production (72 hours' combined lectures and drawing office).

Component ME1H(MI): measurement and instrumentation (10 hours' lectures and 6 hours' laboratory).

Component ME1T(1): strength of materials (12 hours' lectures).

Component ME1T(2): thermodynamics (12 hours' lectures).

Component ME1T(4): fluid mechanics (12 hours' lectures).

Component ME1T(6): engineering drawing and production (24 hours' lectures).

Component ME1T(PT): mechanical power generation and transmission (12 hours' lectures).

Engineering 1CR

2 hours a week.

Components EE1T(3), [ME1T(6)].

EXAMINATION: 1 paper [as bracketed, 2-hour] and assessment of course work.

Engineering 1FE

3 hours' lectures a week and 72 hours' combined lectures and drawing office a session.

Components [CV1T], [EE1T(1)], [ME1T(1)], ME1H(DP).

EXAMINATION: 3 papers [as bracketed, two 2-hour and one 1½-hour] and assessment of course work.

Engineering 1MI

3 hours' lectures a week.

Components [CV1T], [EE1T(1)], [ME1T(1), ME1T(2), ME1T(4)].

EXAMINATION: 3 papers [as bracketed, one 3-hour and two 2-hour].

Engineering 1MP

2½ hours lectures a week.

Components [CV1T], [EE1T(1)], [ME1T(1), ME1T(4)].

EXAMINATION: 3 papers [as bracketed, 2-hour].

Engineering 1MT

3 hours' lectures a week.

Components [CV1T], EE1T(3), [ME1T(6)], [ME1T(PT)].

EXAMINATION: 3 papers [as bracketed, 2-hour] and assessment of course work.

Engineering 1TS(E)

Components [EE2T], [ME1T(6)].

EXAMINATION: 2 papers [as bracketed, 2-hour].

Engineering 1TS(G)

Component [EE2T]

EXAMINATION: 1 paper [as bracketed, 2-hour].

Engineering 2V

Selections from the following course components:

Component EE2T: electronic engineering (24 hours' lectures and 12 hours' laboratory).

Component ME2H(DP): engineering design and production (75 hours' combined lectures and drawing office).

Component ME1H(MI): measurement and instrumentation (10 hours' lectures and 6 hours' laboratory).

Component ME2H(MI): measurement and instrumentation (10 hours' lectures and 12 hours' laboratory).

Fibre Science (See Textile Industries)

Fuel and Combustion Science, Fuel and Energy Engineering

Fuel and Combustion Science 1A

3 lectures and 5 hours' laboratory work a week.

Sources of energy: origin, occurrence, winning and processing of solid and liquid primary fuels, natural gas and nuclear fuels. Derivation, production and properties of secondary fuels. Principles of energy release from fuels; elementary combustion chemistry and thermochemistry. Ignition, flame propagation, detonation, flame quenching. Nuclear fission and fusion processes for power production. Direct energy conversion processes. Fuel laboratory techniques: the physical and chemical techniques involved in the assessment of fuels and their products.

EXAMINATION: 1 paper and assessment of course work.

Fuel and Combustion Science 1CE

1 lecture a week for 13 weeks.

Primary and secondary fuels.

EXAMINATION: The examination will be included in the examination of Chemical Engineering 2EN(A) or 2EN(B).

Fuel and Combustion Science 1CR

1 lecture a week.

Fuels, heat transfer, design of kilns.

EXAMINATION: 1 paper (to be conflated with the examination result for the course Ceramics 3H or 3P as appropriate).

Fuel and Combustion Science 1H

5 lectures and 6 hours' laboratory work a week.

Sources of energy: origin, occurrence, winning and processing of solid, liquid and gaseous fuels, nuclear fuels. Secondary fuels. Principles of energy release from fuels: combustion chemistry and thermochemistry. Ignition, flame propagation, detonation. Power production. Energy conversion processes. Alternative energy sources. Fuel testing techniques. Flow of gas and liquids. Computer programming and applications. Metallic and non-metallic materials of construction.

EXAMINATION: 4 papers and assessment of practical work.

Fuel and Combustion Science 1MT

8 lectures a session.

Fuels and their industrial use.

EXAMINATION: 1 paper.

Fuel and Combustion Science 2A

4 lectures and 6 hours' laboratory work a week.

Fuel utilization: steam raising and power production, furnace heating, combustion chamber design, industrial burners, space heating. Heat transfer: principles of heat transfer by conduction, convection and radiation: principles of heat exchange design. Instrumentation, with particular reference to fuel plant.

EXAMINATION: 4 papers and assessment of practical work.

Fuel and Combustion Science 2H

10 lectures and 6 hours' practical work a week.

Fuel utilization and energy transfer: steam raising and power production, furnace heating, burners, combustion chamber design. Application of kinetics and thermodynamics. Instrumentation and control. Energy analysis. Total energy systems. Nuclear power reactors. Chemical Engineering 1FE. Materials Science 1FE.

EXAMINATION: 7 papers and assessment of practical work.

Fuel and Combustion Science 2P

6 lectures and 6 hours' practical work a week.

Fuel processing. Engines. Steam raising and power production. Furnace heating, industrial burners, space heating. Nuclear power reactors. Instrumentation and control. Chemical Engineering 1FE.

EXAMINATION: 5 papers and assessment of practical work.

Fuel and Combustion Science 3A

5 lectures and 6 hours' laboratory work a week including a project.

Energy transfer from flames; principles of energy transfer from flames, waste heat recovery. Flame and combustion science; fundamentals of combustion processes, homogeneous combustion, heterogeneous combustion, aerodynamics of combustion, engine combustion.

EXAMINATION: 3 papers and assessment of practical work.

Fuel and Combustion Science 3H

9 lectures and 12 hours' laboratory and project work a week.

Flame and combustion science: fundamentals of homogeneous and heterogeneous combustion processes, combustion aerodynamics, energy transfer from flames and hot gases. Combustion in engines, turbines and rocket motors. Fire spread and explosions. Petroleum and natural gas science. Coal and carbon science and processing. Nuclear science, including fuel processing and reactor design. Alternative energy sources. Pollution control. Organization and management of the energy industries.

EXAMINATION: 5 papers and assessment of practical work.

Fuel and Combustion Science 3P

8 lectures and 12 hours' laboratory work a week.

Principles of energy transfer from flames. Technology of energy transfer and fuel utilization; steam raising for process use and power production, furnace heating and combustion chamber design. Economic aspects of fuel utilization and fuel plant. Petrochemicals, coal chemicals, carbon, lubricants. Organization of the fuel and energy industries.

EXAMINATION: 5 papers and assessment of practical work.

Fuel and Energy 2A

4 lectures and 6 hours' laboratory work a week.

Combustion technology: heat transfer: instrumentation and control; power generation.

EXAMINATION: 4 papers and assessment of practical work.

Fuel and Energy 3A

5 lectures and 6 hours' laboratory and project work a week.

Energy transfer from flames: fuel and combustion plant design: advanced power generation: fuel processing; pollution control.

EXAMINATION: 3 papers and assessment of practical work.

Fuel and Energy Engineering 1EN

As for Fuel and Combustion Science 1H.

Fuel and Energy Engineering 2EN and 2H

10 lectures and 6 hours' practical work a week.

Fuel utilization and energy transfer; power generation, steam raising and water treatment, design of combustion chambers and furnace characteristics, industrial burners, space heating, nuclear power reactors. Analysis of fuel-producing and fuel-using plant. Instrumentation and control. Energy analysis. Chemical Engineering 1FE. Materials Science 1FE.

EXAMINATION: 7 papers and assessment of practical work.

Fuel and Energy Engineering 2P

6 lectures and 6 hours' laboratory work a week.

Fuel processing. Power generation. Furnace heating, industrial burners, space heating. Nuclear power reactors. Instrumentation and control. Chemical Engineering 1FE.

EXAMINATION: 5 papers and assessment of practical work.

Fuel and Energy Engineering 3EN

An average of 8 lectures a week, 6 hours' laboratory work a week and 10 hours a week on a design project.

Energy utilisation: design of furnaces, waste heat recovery, boilers, thermal energy transfer and storage, energy and exergy analyses, conservation. Fuel processing plant: group and individual work on the engineering design specifications of process and energy conversion plant. Combustion equipment: processes and equipment for the combustion of gaseous, liquid and solid fuels. Nuclear energy: reactor physics, fuel rod design, fluid flow and heat transfer, production of electrical energy, safety analysis and risk assessment. Aerodynamics of combustion: jets, turbulent flow, flame stabilisation, stirred reactors, physical modelling. Heat transfer: radiative and convective heat transfer, heat transfer in furnace enclosures. Petroleum and natural gas engineering: production, treatment and handling of petroleum and natural gas. Pollution control: air pollution from combustion and processing sources, incineration and waste disposal, water pollution, noise. Fire and explosion: fire spread, detection, arrestment, explosions, hazard analysis. Instrumentation and control. Computer modelling.

EXAMINATION: 6 papers and assessment of practical work.

Fuel and Energy Engineering 3H

An average of 9 lectures a week, 5 hours' laboratory work a week and 10 hours a week on design project.

Energy conversion and release: applications of thermodynamics and kinetics to fuel plant; combustion processes, homogeneous and heterogeneous combustion. Preparation of nuclear fuels, principles and theory of nuclear reactors, reactor components, reactor design. Design of fuel plant; specifications, heat and material balances, optimization. Aerodynamics of combustion and energy transfer: flame transport processes and their application to flow patterns, modelling techniques; petroleum and natural gas engineering.

Pollution control. Organization and management of the energy industries. Alternative energy sources.

EXAMINATION: 5 papers and assessment of practical work.

Fuel and Energy Engineering 3P

8 lectures and 12 hours' laboratory work a week.

Principles of energy transfer from flames. Technology of energy transfer and fuel utilization; steam raising for process use and power production, furnace heating and combustion chamber design. Economic aspects of fuel utilization and fuel plant. Organization of the fuel and energy industries.

EXAMINATION: 5 papers and assessment of practical work.

Fuel and Energy Engineering 4EN

An average of 5 lectures a week, 6 hours a week on a design project and 14 hours a week on an industrial research project.

Advanced petroleum engineering and lubricants: hydrocarbon processing, waxes and bitumens, production and behaviour of lubricants, petrochemicals, oxidation and pyrolysis of hydrocarbons, smoke formation. Coal and carbon science: coal typology, physical and chemical structure, chemical reactions of coal and coke, carbonisation, gasification, coal characteristics related to beneficiation, coal products. Organisation and management of the energy industries. Industrial lectures and seminars: operation of companies, legislation, product development, Government bodies, trade unions, industrial research and development, marketing and distribution. Computer-aided design techniques in relation to combustion plant, fuel processing and gasification, energy conservation. Database technology. Advanced instrumentation and computing interfacing: control of combustion equipment and of fuel producing plant. Legislation and safety requirements: case studies for factories, commercial buildings and processing plant.

EXAMINATION: 5 papers and assessment of practical work.

Materials Science

Materials Science 1A

3 lectures and 3 hours' practical at times to be arranged.

Introduction and general review of materials and their structure and properties; manufacturing technology for ceramics and metals, including principles and historical development; other materials of utilization; changes in materials with age, use and environment; techniques of examination of materials including optical, chemical, X-ray, electrical, magnetic, and thermal methods.

EXAMINATION: 2 papers and assessment of practical work.

Materials Science 1FE

1 lecture a week.

A general review of the properties and behaviour of materials principally from the viewpoint of fuel engineering applications.

EXAMINATION: The examination will be included in the examination of Fuel and Combustion Science 2H, Fuel and Energy Engineering 2H, Fuel and Combustion Science 2P and Fuel and Energy Engineering 2P.

Materials Science 1PX

3 lectures and 3 hours' laboratory work a week for two terms.

Structure of solids; microstructures; mechanical properties; properties of metals; properties of polymers and properties of ceramics.

EXAMINATION: 1 paper.

Materials Science 1T

7 lectures a week and 8½ hours' laboratory work a week.

Thermodynamics and kinetics; chemical bonding; microstructures; mechanical properties; materials resources; materials processing and applications (an introduction to metals and alloys, ceramics, glasses and polymer materials: processing, properties other than mechanical, and users).

EXAMINATION: 3 papers and assessment of practical work.

Materials Science 2H

9 lectures a week and 8½ hours' laboratory work a week.

Thermodynamics, kinetics, diffusion; electrochemistry/transition and non-transition elements; physics of electrical, magnetic and optical materials; characterisation of materials; continuum mechanics; transformation in metals; imperfections in metals; thermal and mechanical properties of ceramics; ceramic powder processing; chemistry and structures of polymers; mechanical properties of polymers.

EXAMINATION: 3 papers and assessment of practical work.

Materials Science 3H

11 lectures a week and 6 hours' laboratory work a week.

Degradation of materials; fracture mechanics; industrial practice; composites and blends; founding, forming and joining; commercial alloys; structure and properties of alloys; glass and cement; engineering ceramics; conductive, dielectric and magnetic ceramics; fibre and film technology; thermal and electrical properties of polymers; fabrication and commercial applications of polymers; *either* advanced electrical, magnetic and device materials *or* modern mechanical engineering applications.

EXAMINATION: 6 papers and assessment of practical and course work.

Materials Science 3P

7 lectures a week and 2½ afternoons a week of laboratory work.

Cement, commercial alloys, composites, degradation of materials, engineering ceramics, fabrication and applications of polymers, structure and properties of alloys.

EXAMINATION: 5 papers and assessment of laboratory work.

Mechanical Engineering

Mechanical Engineering 1EN, 1H and 1P

9 hours' lectures a week and 5½ hours a week computing, design office, applications and laboratory work.

(Teaching will extend over 28 weeks by continuing throughout the third term with the exception of a mid-term two-week examination period.)

Solid mechanics; thermofluids; engineering materials; measurement and instrumentation; electrical engineering; liberal studies option; computers in engineering; business and social environment; engineering design and production; laboratory and applications project work; business and social environment; Computation 1ME.

EXAMINATION: 3 papers and assessment of computing, design, applications and laboratory work and course work.

Mechanical Engineering 1MS

1 lecture a week.

Production engineering.

EXAMINATION: One 2-hour paper and assessment of course work.

Mechanical Engineering 2EN and 2H

13 hours a week plus 6 hours' engineering design and laboratory a week.

Solid mechanics; thermofluids; engineering materials; engineering design and production; laboratory/project work; electronic engineering; computers in engineering; engineer in society 1ME(2); Mathematics 2ME, Computation 2ME.

EXAMINATION: 10 papers (five 3-hour, five 2-hour) and assessment of computer, design and laboratory work.

Mechanical Engineering 2P

8 to 10 hours a week plus 5½ to 6½ hours' engineering design and laboratory a week.

Solid mechanics; thermofluids; engineering design and production; measurement and instrumentation; laboratory project work; computers in engineering; engineer in society 1ME(2).

EXAMINATION: 6 papers (five 3-hour, one 2-hour) and an assessment of computer, design and laboratory work.

Mechanical Engineering 3EN(1)

Design Project: This would involve preparation for the fourth year Professional Project, as well as literature surveys and industrial visits, and would include approximately 10 formal lectures.	125 hours
Computing in Engineering. Lectures and laboratory demonstrations.	85 hours
Industrial lectures and seminars.	40 hours

EXAMINATION: assessment of written and oral presentations.

Mechanical Engineering 3EN(2)

Six courses, each of 24 lectures plus 11 hours on an associated practical assignment, to be chosen from the following: computational geometry and engineering graphics, analysis of manufacturing processes, analysis of manufacturing systems, tribology, bio-medical engineering, signal analysis and processing, noise and vibration, vehicle dynamics, control engineering, engineering plasticity and fracture, advanced stress analysis, finite element methods in solid mechanics, turbulence, aerodynamics, refrigeration and air conditioning, combustion, energy utilization and conservation, application of engineering polymers, engineering ceramics, social and industrial psychology, advanced mathematics, Engineer in Society 2ME, Other approved subjects (including courses given by other Departments).

EXAMINATION: 6 papers (mainly 2-hour) and assessment of practical work.

Mechanical Engineering 3H

8 hours a week (total) from the subjects listed under Categories I and II together with *either* (a) a single integrated engineering project (250 hours total) *or* (b) a design project (125 hours total) and an experimental or numerical methods project (125 hours total).

Category I: In any one year the list of subjects may include: vehicle dynamics; control engineering; engineering plasticity and fracture; stress analysis; turbulence; aerodynamics; refrigeration and air-conditioning; combustion; geometric modelling for design and manufacture; analysis of manufacturing processes; tribology; bio-medical engineering; Mathematics 3ME(1); The Engineer in Society 2ME; multiphase flow; low Reynolds number flow; ocean engineering; energy; advanced heat transfer; turbine thermofluids; rheology; analysis of management systems; system identification and modelling; experimental stress analysis; vibrations of structures; finite element applications in solid mechanics; instabilities in mechanical systems; elasto-plastic design of machine components; tool profiles and metal flow in forming processes; pressure vessel technology; signal analysis and processing; nuclear engineering; robotics; reliability and quality systems; computers in product design and manufacture; fluid flow modelling.

Category II: Not more than *two* chosen from: social and industrial psychology; Mathematics 3ME(2); electrical engineering; materials science; civil engineering; ceramics; approved alternative subject.

EXAMINATION: 8 papers (mainly 2-hour) and an assessment of project work by dissertation and oral examination.

Mechanical Engineering 3P

8 hours a week (total) from the subjects listed under Categories I and II together with *either* (a) a single integrated engineering project (250 hours total) *or* (b) a design project (125 hours total) and an experimental or numerical methods project (125 hours total).

Category I: In any one year the list of subjects may include: vehicle dynamics; control engineering; engineering plasticity and fracture; stress analysis; turbulence; aerodynamics; refrigeration and air-conditioning; combustion; geometric modelling for design and manufacture; analysis of manufacturing processes; tribology; bio-medical engineering; Mathematics 2ME component D;* Mathematics 2ME component F;* The Engineer in Society 2ME; multiphase flow; low Reynolds number flow; ocean engineering; energy; advanced heat transfer; turbine thermofluids; rheology; analysis of management systems; system identification and modelling; experimental stress analysis; vibrations of structures;

* Candidates wishing to take this option must have attained a standard satisfactory to the School of Mathematics in Mathematics 1ME.

finite element application in solid mechanics; instabilities in mechanical systems; elasto-plastic design of machine components; tool profiles and metal flow in forming processes; pressure vessel technology; signal analysis and processing; ME2 engineering materials; computers in product design and manufacture; fluid flow modelling.

Category II: Not more than *one* chosen from: social and industrial psychology; electrical engineering; materials science; civil engineering; ceramics; approved alternative subject.

EXAMINATION: 5 papers (mainly 2-hour) and assessment of laboratory work; assessment of projects by dissertation and oral examination.

Mechanical Engineering 4EN(1)

This is the multi-discipline Professional Project. Whilst individual responsibilities would be clearly defined, it would involve group work, in some cases with other departments, and help develop professional approaches and attitudes. It would involve a high degree of industrial collaboration. It could have manufacturing, experimental, design and computational aspects. 250 hours

Industrial lectures and seminars 40 hours

EXAMINATION: Assessment of written and oral presentations.

Mechanical Engineering 4EN(2)

Five courses, each of 24 lectures plus 11 hours on an associated practical assignment to be chosen from the listing of 3EN(2). These five must be different from those taken in 3EN(2).

EXAMINATION: 5 papers (mainly 2-hour).

Metallurgy

Metallurgy 1CE

1 lecture a week for one term.

Plant fabrication.

EXAMINATION: The examination will be included in the examination of Chemical Engineering 2EN(A) or 2EN(B).

Metallurgy 1MI

1 lecture and 1 hour's laboratory work a week.

Principles of extractive metallurgy and description of processes; elementary physical metallurgy.

EXAMINATION: 1 paper.

Metallurgy 1MP

1 lecture a week.

Extraction metallurgy 1.

EXAMINATION: 1 paper.

Metallurgy 1P

6½ lectures and 3 hours' laboratory work a week.

Binary equilibrium; ceramic processing and applications; computing; mechanical properties of solids; microstructure of materials; production and properties of polymers; production of metals; magnetic, electrical and optical properties of materials; raw materials and energy resources; treatment of raw materials.

EXAMINATION: 3 papers and assessment of practical work.

Metallurgy 2CE

1 lecture a week.

Aspects of metallurgy relating to chemical plant.

EXAMINATION: 1 paper.

Metallurgy 2H

7 lectures and 8 hours' laboratory work a week.

Applications of thermodynamics, continuum mechanics, crystallography, diffusion, electrochemistry, forming I, imperfections, iron and steel production, physical examination, transformations I.

EXAMINATION: 3 papers and assessment of practical work.

Metallurgy 2P

5 lectures and 6 hours' laboratory work a week.

Applications of thermodynamics, continuum mechanics, diffusion, electrochemistry, forming I, imperfections, iron and steel production, transformations I.

EXAMINATION: 2 papers and assessment of practical work.

Metallurgy 3H

10½ lectures, 1 seminar, 3 hours' laboratory and 6 hours' project work a week.

Alloys and their applications, casting of metals, composites, corrosion and oxidation, electrical and magnetic materials, fabrication, forming II, fracture mechanics, industrial practice, non-ferrous extraction, steelmaking, structure and properties, surface treatment, transformations II.

EXAMINATION: 6 papers and assessment of laboratory and practical work.

Metallurgy 3P

10 lectures, 1 seminar, 3 hours' laboratory and 6 hours' project work a week.

Alloys and their applications, casting of metals, composites, corrosion and oxidation, fabrication, forming II, industrial practice, physical examination, non-ferrous extraction, steelmaking, structure and properties, surface treatment, transformations II.

EXAMINATION: 5 papers and assessment of laboratory and practical work.

Mining and Mineral Engineering

Mineral Engineering 1H

3½ hours' lectures and 9 hours' laboratory work a week.

An introduction to the mineral industry.
Computing laboratory for mineral engineers.
Mineral chemistry 1:
Part 1: geochemistry; theory of mineral analysis
Part 2: chemical thermodynamics, bonding, structure and properties, theory of mineral analysis.
Laboratory.
Mineral analysis laboratory.

EXAMINATION: 2 papers (one 3-hour, one 1½-hour) and assessment of practical work.

Mineral Engineering 1P

1 hour's lecture and 3 hours' laboratory work a week.

An introduction to the mineral industry.
Computing laboratory for mineral engineers.

EXAMINATION: One 1½-hour paper and assessment of practical work.

Mineral Engineering 2H

7 hours' lectures and 7½ hours' laboratory work a week.

Mineral processing: comminution, sizing, physical concentration, flotation, solid-liquid separation; laboratory.
Mineral chemistry 2:
Part 1: physical chemistry of minerals, electrochemistry and solution chemistry
Part 2: surface and colloid chemistry, principles of pyrometallurgy, heat transfer.
Laboratory (1 term).
Mineral physics: micromeritics, particle-fluid mechanics, rheology of suspensions, strength of rocks; laboratory.
Plant performance: measurement of liberation, measurement of separation efficiency, sampling, plant testing, field course.

EXAMINATION: 5 papers (two 3-hour, three 2-hour) and assessment of practical work.

Mineral Engineering 2P

5 hours' lectures and 7½ hours' laboratory work a week.
Mineral processing: comminution, sizing, physical concentration flotation, solid-liquid separation; laboratory.
Mineral physics: micromeritics, particle-fluid mechanics, rheology of suspensions, strength of rocks; laboratory.
Plant performance: measurement of liberation, measurement of separation efficiency, sampling, plant testing, field course.
Mineral analysis: laboratory.
Mineral Chemistry 2P: surface chemistry and colloid chemistry.

EXAMINATION: 4 papers (one 3-hour, two 2-hour, one 1½-hour) and assessment of practical work.

Mineral Engineering 3H

11 hours' lectures and 9 hours' laboratory work a week plus tutorials.

Physical processing, concentration and separation of minerals by gravity, magnetism, electricity and flotation. Comminution and industrial sizing: crushing, grinding, sieving and classification. Agglomeration: pelletizing and sintering. Liquid/solid separation: filtration, flocculation, settling, thickening and drying.
Chemical processing: treatment of minerals by chemical methods, chemical oceanography; halogen processes.
Metal extraction: pyrometallurgy and hydrometallurgy; pollution control.
Materials handling: transport, storage and disposal of materials.
Control: measurement and theory.
Design of industrial plants.
Mineral economics.
Mine management.
An introduction to oilfield development.

EXAMINATION: 7 papers (three 3-hour and four 2-hour) and plant design report. Assessment of practical work and vacation reports, or essay.

Mineral Engineering 3P

8½ hours' lectures and 7½ hours' laboratory work a week.

Physical processing, concentration and separation of minerals by gravity, magnetism, electricity and flotation. Comminution and industrial sizing: crushing, grinding, sieving and classification. Agglomeration: pelletizing and sintering. Liquid/solid separation: filtration, flocculation, settling, thickening and drying.
Chemical processing: treatment of minerals by chemical methods; chemical oceanography; halogen processes.
Materials handling: transport, storage and disposal of materials.
Control (measurement).
Design of industrial plants.
Mineral economics.
An introduction to oilfield development.

EXAMINATION: 5 papers (two 3-hour and three 2-hour), plant design report and assessment of practical work and vacation reports, or essay.

Minerals Surveying 2H

7 hours' lectures and 9 hours' practical work a week.

Minerals surveying, mineral prospecting; mining methods; mine management, mineral economics; survey computation.

EXAMINATION: 4 papers (two 3-hour, two 2-hour) and assessment of course work.

Minerals Surveying 3H

9 hours' lectures and 12 hours' practical work a week.

Mineral processing; rock mechanics, geostatistics; mine design; minerals law; environmental law; mineral valuation; minerals surveying project.

EXAMINATION: 5 papers (three 3-hour, two 2-hour) and assessment of course work including minerals surveying project.

Mining Engineering 1H

Terms 1 and 2: 4 hours' lectures and 4 hours' practical work a week. Term 3: 4 hours' lectures a week.

Introduction to surveying and mine surveying; computing laboratory; introduction to mining technology; mine development.

EXAMINATION: 2 papers and assessment of course work.

Mining Engineering 2A

4 hours' lectures and 4½ hours' practical work a week.

Mine surveying; mineral prospecting; mineral processing; mining machinery.

EXAMINATION: 2 papers and assessment of course work.

Mining Engineering 2H

8 hours' lectures and 6 hours' practical work a week.

Mine surveying, mineral prospecting; mine atmospheres; mining machinery, mineral processing; oilfield development; methods of working stratified and non-stratified deposits.

EXAMINATION: 4 papers (three 3-hour, one 2-hour) and assessment of course work.

Mining Engineering 2H(1)

6 hours' lectures and 4½ hours' practical work a week.

Mine surveying, mineral prospecting; mine atmospheres; oilfield development; methods of working stratified and non-stratified deposits.

EXAMINATION: 3 papers (two 3-hour, one 2-hour) and assessment of course work.

Mining Engineering 2H(2)

2 hours' lectures and 1½ hours' practical work a week.

Mineral processing, mining machinery.

EXAMINATION: 1 paper and assessment of course work.

Mining Engineering 2H(D)

5 hours' lectures and 4½ hours' practical work a week.

Mineral prospecting, mine surveying; mineral processing, methods of working stratified and non-stratified deposits.

EXAMINATION: 3 papers (two 3-hour, one 1½-hour) and assessment of course work.

Mining Engineering 3A

6 hours' lectures and 4½ hours' practical work a week.

Methods of working stratified and non-stratified deposits; mine management; mineral economics; rock mechanics, geostatistics. Mining project (optional).

EXAMINATION: 4 papers and assessment of course work including mining projects where selected.

Mining Engineering 3H

10 hours' lectures and 9 hours' practical work a week.

Mine ventilation and environment; mine transportation; mine management; mineral economics; rock mechanics, geostatistics; mine design; mining project.

EXAMINATION: 6 papers and assessment of course work including mining project.

Mining Engineering 3H(D)

6 hours' lectures and 6 hours' practical work a week.

Mine management; mineral economics; rock mechanics, geostatistics; mine design; mining project.

EXAMINATION: 4 papers and assessment of course work including mining project.

Mining Engineering 3P

8 hours' lectures and 7½ hours' practical work a week.

Mine ventilation and environment; mine transportation; mine management; mineral economics; mining machinery, mineral processing; mining project.

EXAMINATION: 5 papers and assessment of course work including mining project.

Mining Engineering 3P(D)

7 hours' lectures and 6 hours' practical work a week.

Methods of working stratified and non-stratified deposits; mine management; mineral economics; mineral prospecting; mine surveying; mineral processing; mining project.

EXAMINATION: 6 papers (two 3-hour, two 2-hour, two 1½-hour) and assessment of course work including mining project.

Quarry Engineering 2H

6 hours' lectures and 3 hours' practical work a week.

Minerals in industrial practice; surface methods of working stratified and non-stratified deposits; mineral processing; mineral prospecting; plant performance.

EXAMINATION: 5 papers (one 3-hour, four 1½-hour) and assessment of course work.

Quarry Engineering 3H

8 hours' lectures and 7½ hours' practical work a week.

Mine management; mineral economics; rock mechanics; mine design; comminution, agglomeration, sizing; solid/liquid separation; materials handling; quarrying project.

EXAMINATION: 7 papers (one 3-hour, three 2-hour, three 1½-hour) and assessment of course work including project.

Quarry Engineering 3P

9 hours' lectures and 6 hours' practical work a week.

Surface mining methods; mineral prospecting; mine management; mineral economics; minerals in industrial practice; mineral processing; materials handling; plant performance; quarrying project.

EXAMINATION: 8 papers (one 3-hour, three 2-hour, four 1½-hour) and assessment of course work including project.

Synthetic Polymers (See Textile Industries)

Textile Industries

Synthetic Polymers 1

2 lectures a week and laboratory work.

Polymer synthesis and characterization; polymer structure in relation to solid state properties and to processing.

EXAMINATION: 1 paper.

Synthetic Polymers 2

2 lectures a week and laboratory work.

Advanced studies of the properties of synthetic polymers and fibres.

EXAMINATION: 1 paper.

Textile Chemistry 1H

3 lectures a week and laboratory work.

An introduction to textile chemistry.

EXAMINATION: 1 paper.

Textile Chemistry 2H

3 lectures a week and laboratory work.

The chemical constitution, structure and properties of natural and regenerated cellulosic fibres; an introduction to the theory and practice of textile coloration; the finishing of wool and wool blends.

EXAMINATION: One 3-hour paper and one 2-hour paper.

Textile Chemistry 3H

7 lectures a week and laboratory work (including project).

Advanced chemistry of protein fibres; the production, properties and end-uses of man-made fibres; the chemistry and practice of fabric finishing processes; dyeing theory and colour measurement.

EXAMINATION: 3 papers and dissertation on project.

Textile Chemistry 3P

4 lectures a week and laboratory work (including project).

Advanced chemistry of protein fibres; the chemistry and practice of fabric finishing processes; colour measurement.

EXAMINATION: 2 papers and dissertation on project.

Textile Management 1TC

2 lectures a week.

Applied textile management.

EXAMINATION: One 2-hour paper.

Textile Studies 1H and 1P

10½ lectures and 11½ hours laboratory work a week.

Input materials; general fibre production; chemical and physical properties; applications; chemical testing; metrology; statistics; computer systems.
Yarn manufacture, fabric manufacture (woven structure and weaving mechanisms, knitting, non-wovens); introductory clothing technology; textile management (financial accounting).

EXAMINATION: 6 papers (three 3-hour, three 2-hour) and assessment of course and laboratory work.

Textile Studies 2H(E)

6 lectures a week, 4 hours laboratory work a week, and 6 hours a week combined lectures/practicals.
Man-made fibre production, texturing, properties; analysis of yarns and fabrics; characterisation by physical and chemical means; dyeing, finishing, printing. Automatic control, microprocessing.

EXAMINATION: 5 papers (four 3-hour, one 2-hour) and assessment of course and laboratory work.

Textile Studies 2H(G)

4 lectures and 3 hours laboratory work a week, and 7 hours a week combined lectures and practicals.

Analysis of yarns and fabrics; characterisation by physical and chemical means; dyeing, finishing; printing. Clothing engineering; automatic control.

EXAMINATION: 5 papers (three 3-hour, two 2-hour) and assessment of practical work.

Textile Studies 2H(M)

8 lectures a week, 4 hours laboratory work a week, and 4 hours a week combined lectures/practicals.

Man-made fibre production, texturing, properties; analysis of yarns and fabrics; characterisation by physical and chemical means; dyeing, finishing, printing. Economic issues in the British textile industry; health and safety in textile processing.

EXAMINATION: 5 papers (four 3-hour, one 2-hour) and assessment of practical work.

Textile Studies 2P

5½ lectures a week, 3 hours laboratory work a week, and 4 hours a week combined lectures/practicals.

Analysis of yarns and fabrics; characterisation by physical and chemical means; dyeing, finishing, printing. Automatic control. Economic issues in the British textile industry; health and safety in textile processing.

EXAMINATION: 5 papers (two 3-hour, two 2-hour and one 1½-hour) and assessment of practical work.

Textile Studies 3H(E)

11 lectures a week and 7 hours combined lectures, seminars and practicals.

Threadline behaviour; winding; modern yarn and fabric production; yarn and fabric mechanics; fault diagnosis; project.
Fluid flow; production and properties of speciality fibres; Product development and quality control, operations research, health and safety, costing and capital investment in the textile industry.

EXAMINATION: 5 papers (three 3-hour, two 2-hour), project dissertation (equivalent to one paper) and assessment of fault diagnosis.

Textile Studies 3H(G)

7 lectures a week and 11 hours a week combined lectures, seminars, practicals.
Clothing engineering; physiology of clothing; fault diagnosis; project.
Two topics in Textile Technology to be selected from : yarn manufacture, woven fabric structure, knitting, clothing, industrial textiles.
Product development and quality control, operations research, health and safety, costing and capital investment, economic issues and retailing, fashion theory and design management in the Textile Industry.

EXAMINATION: 5 papers (four 3-hour, one 2-hour), project dissertation (equivalent to one paper) and assessment of fault diagnosis.

Textile Studies 3H(M)

8 lectures a week, 2 hours a week laboratory work and 7 hours a week combined lectures, seminars and practicals.

Product development and quality control, operations research, economics of technological change, costing and capital investment, economic issues and retailing, colour and pattern, fashion theory and design management in the textile industry; fault diagnosis; project.
Three topics in Textile Technology to be selected from: yarn manufacture, woven fabric structure, knitting, clothing, industrial textiles.

EXAMINATION: 5 papers (two 3-hour, two 2-hour and one 1½-hour), project dissertation (equivalent to one paper) and assessment of fault diagnosis.

Textile Studies 3P

5½ lectures a week and 7 hours a week combined lectures, seminars and practicals.

Product development and quality control, economics of technological change, costing and

capital investment, economic issues in the British textile industry, retailing, fault diagnosis; project.
Two topics in Textile Technology to be selected from: yarn manufacture, woven fabric structure, knitting, clothing, industrial textiles.

EXAMINATION: 3 papers (two 3-hour, one 2-hour), project dissertation (equivalent to one paper) and assessment of fault diagnosis.

Textile Technology 1CC

1 lecture a week.

Chemistry and practice of textile bleaching and finishing.

EXAMINATION: 1 paper.

Textile Technology 1H(C) and 1P(C)

8 lectures a week and laboratory work.

Physical properties of polymers and other textile materials; fundamentals of physics applied to textile materials including mechanical, thermal, optical and electrical properties together with moisture relations of fibres. An introduction to the measurement and significance of the physical properties of textiles. Principles of yarn and fabric production; applications of statistical methods to problems in the textile industry.

EXAMINATION: One 3-hour paper and three 2-hour papers.

Textile Technology 2H(C) and 2P(C)

3½ lectures a week and laboratory work.

The application of computing methods to textile problems; the production and testing of textiles; an introduction to fabric evaluation.

EXAMINATION: 1 paper and assessment of practical work.

Courses and schemes of study for the degree of Bachelor of Arts in textile design and in textile management will be found in the Calendar *Faculties of Arts and Economic and Social Studies*.

Courses given by other Faculties

Details are given below of courses given by departments in the Faculties of Arts, Economic and Social Studies, and Law which are intended for inclusion in schemes of study for the degree of B.Sc. It should be noted also that in a number of instances schemes of study for the degree of B.Sc. permit the inclusion, subject to proper approval, of courses in the Faculties of Arts, Economic and Social Studies and Law other than those listed here. Full details of courses in those Faculties may be obtained from the Calendar for the Faculties.

Faculty of Arts

Archaeology

Archaeology 1T

2 lectures and 1 tutorial a week at times to be arranged.

Two of:

1. Aims and methods of prehistoric archaeology.
2. Aims and methods of Roman archaeology.
3. Introduction to archaeology of the Roman world.

EXAMINATION: 2 papers.

Archaeology 2T

2 lectures and 1 tutorial a week at times to be arranged.

2 components chosen in consultation with the head of the student's parent department, from a list which will normally include:

1. Archaeology of the Roman provinces.
2. Archaeology of Roman Britain.
3. Roman technology.
4. Archaeology of early medieval Europe.
5. Early medieval settlement in the British Isles.
6. Archaeology of death.
7. Archaeology of later medieval Europe.
8. Archaeology of monasticism.
9. Structural criticism in archaeology.

EXAMINATION: 2 papers.

History and Philosophy of Science/Philosophy

History and Philosophy of Science 1E

Monday 4, Wednesday 9, Thursday 11, and tutorials at times to be arranged.

The development of European science and introduction to philosophy of science.

EXAMINATION: One 3-hour paper and one 2-hour paper and assessment of course work in both components, including five essay assignments.

History and Philosophy of Science 1PS

Monday 4, Wednesday 12, Friday 10, and one hour a week at a time to be arranged. One tutorial per week.

The history and philosophy of psychology; introduction to philosophy of science; reason and argument *or* technology and society.

EXAMINATION: 1. The history and philosophy of psychology — One 3-hour paper
2. Introduction to philosophy of science — One 2-hour paper
3. *Either* Reason and argument *or* Technology and society — One 2-hour paper.

Assessment of coursework.

History of Science 2B

4 hours a week at times to be arranged.

1. Topics in the history of scientific thought
2. Methods and problems in historiography I
3. Philosophy of science I.

The course requires previous attendance at History of Science and Philosophy 1A or History of Science and Technology 1B.

EXAMINATION: 2 papers — Topics in the history of scientific thought; Methods and problems in historiography I and Philosophy of science I.

On successful completion of this course, candidates may proceed to History of Science 3B.

A candidate pursuing this course concurrently with Philosophy 2A, who wishes to proceed to Philosophy 3A, may drop course component and examination 2, i.e. Methods and problems in historiography I.

History of Science 2E

3 hours a week at times to be arranged.

Topics in the history of scientific thought, and *either* methods and problems in historiography I *or* philosophy of science I.

EXAMINATION: 2 papers.

History of Science 3B

Monday, Tuesday 5–6.30 and 3½ hours a week at times to be arranged.

Philosophy of science II, topics in the history of scientific thought, methods and problems in historiography II.

The course requires previous attendance at History of Science 2B.

EXAMINATION: 3 papers — Methods and problems in historiography II; Topics in the history of scientific thought; Philosophy of science II. With the approval of the head of the Department this last subject may be examined by two essays (each of appproximately 4000 words) to be submitted by the first Monday of the third term of the final year. The results of History of Science 2B will be taken into account in the final examination.

History of Science and Philosophy 1A

Monday 2, Tuesday 3, Wednesday 9, Thursday 9, 11, and tutorials at times to be arranged.

1. Introduction to philosophy
2. Development of European science
3. Reason and argument.

EXAMINATION: 1. Introduction to philosophy: candidates will submit two essays of approximately 1,500 words each on topics approved by the head of the Department. The essays must be submitted by 4 p.m. on the fourth Monday of the summer term. In the event of a candidate's not satisfying the examiners and being granted the facility of a further examination either in September or subsequently, the further examination will be by a 3-hour paper.

2. Development of European science: One 3-hour paper.
3. Reason and argument: One 2-hour paper.
4. Course work will also be taken into account.

History of Science and Technology 1B

Monday 4, Wednesday 9, 10, Thursday 11, and tutorials at times to be arranged.

The development of European science; introduction to philosophy of science; technology and society.

EXAMINATION: One 3-hour paper and two 2-hour papers and assessment of course work in all components, including seven essay assignments.

History of Science and Technology 1G

Wednesday 9, 10, Thursday 11, and tutorials at times to be arranged.

The development of European science; technology and society.

EXAMINATIONS: One 3-hour paper and one 2-hour paper and assessment of course work in both components, including five essay assignments.

Philosophy 1C

Monday 2, 4, Tuesday 3, Thursday 9, and tutorials at times to be arranged.

1. Introduction to philosophy
2. Introduction to philosophy of science
3. Reason and argument.

EXAMINATION: 1. Introduction to philosophy: candidates will submit two essays of approximately 1,500 words each on topics approved by the head of the Department. The essays must be submitted by 4 pm on the fourth Monday of the summer term. In the event

of a candidate's not satisfying the examiners and being granted the facility of a further examination either in September or subsequently, the further examination will be by a three-hour paper.

2. Introduction to philosophy of science (one 2-hour paper)
3. Reason and argument (one 2-hour paper)
4. Course work will also be taken into account.

Philosophy 1D

Monday 2, Tuesday 3, Thursday 9, and regular tutorials.

1. Introduction to philosophy
2. Reason and argument.

EXAMINATION: 1. Introduction to philosophy: candidates will submit two essays of approximately 1,500 words each on topics approved by the head of the Department. The essays must be submitted by 4 p.m. on the fourth Monday of the summer term. In the event of a candidate's not satisfying the examiners and being granted the facility of a further examination either in September or subsequently, the further examination will be by a 3-hour paper.

2. Reason and argument: One 2-hour paper.
3. Course work will also be taken into account.

Philosophy 1J

Monday 2, Tuesday 3, Thursday 9, 1, and tutorials at times to be arranged.

1. Introduction to Philosophy
2. Reason and argument
3. Technology and society.

EXAMINATION: 1. Introduction to philosophy: candidates will submit two essays of approximately 1500 words each on topics approved by the head of the Department. The essays must be submitted by 4 pm on the fourth Monday of the summer term. In the event of a candidate's not satisfying the examiners and being granted the facility of a further examination either in September or subsequently, the further examination will be by a 3-hour paper.

2. Reason and argument: one 2-hour paper.
3. Technology and society: one 2-hour paper.
4. Course work will also be taken into account.

Philosophy 2A

6 hours a week at times to be arranged.

1. History of ancient and medieval *or* of modern philosophy
2. Ethics *or* Political and social philosophy.
3. Formal logic.

The course requires previous attendance at History of Science and Philosophy 1A or Philosophy 1C or Philosophy 1D.

EXAMINATION: 1. History of ancient and medieval philosophy *or* history of modern philosophy (1 paper).

2. Ethics *or* Political and social philosophy (1 paper).

On successful completion of the course, candidates may proceed to Philosophy 3A.

Philosophy 2J

6 hours per week at times to be arranged.

1. History of modern philosophy
2. Ethics *or* Political and social philosophy
3. Philosophy of mind *or* Philosophy of science.

EXAMINATION: Two 3-hour papers and one 2-hour paper.

Philosophy 2K

Logic and linguistics

4 hours per week at times to be arranged.

Logic; mathematical logic; linguistic theory and analysis.

EXAMINATION: Three 2-hour papers.

Philosophy 3A

6 hours a week at times to be arranged.

1. Philosophical problems *or* philosophical logic
2. Philosophy of science II
3. Special subject, to be chosen with the approval of the head of the Department from the list of papers for the Part I and Part II examinations for the degree of B.A. in Philosophy, including papers on the bridge and special subjects listed.

The course requires previous attendance at Philosophy 2A.

EXAMINATION:

1. Philosophical problems *or* Philosophical logic — 1 paper
2. Philosophy of science II*
3. Special subject*

Philosophy 3J

6 hours per week at times to be arranged.

1. Philosophical logic
2. Philosophical problems
3. Formal linguistics
4. Special subject, to be chosen with the appproval of the head of Department, or long essay. (Candidates must commit themselves to writing a long essay, which should be of 8000–10,000 words in length, not later than the end of the second year, and the work must be submitted not later than the first day of the third term of the final year. Approval of the topic of the proposed long essay must be obtained from the head of the Department at the beginning of the third year.)

EXAMINATION: Three 3-hour papers plus long essay *or* four 3-hour papers.

* With the permission of the head of the Department of Philosophy, two essays of not more than 5,000 words each on approved topics within the area covered by this paper may be submitted not later than the first day of the third term of the final year, in place of a three-hour examination paper. The decision as to whether a candidate is to sit a three-hour paper or submit two essays must be made by 1 December in the final year.

Music

The head of the Department will require students to take appropriate instrumental or vocal tuition as part of the syllabus.

Music 1A

5 hours a week plus practical work at times to be arranged.

1. *Either* Counterpoint and harmony 1
   Strict counterpoint (species I–V). The harmonic setting of chords and phrases in classical styles; harmonization of basses
   or Elementary composition
   Materials of music; the elements of melodic and rhythmic structure, and simple musical procedures (e.g. cantus firmus, isorhythm, decoration, variation).
2. *Either* Music analysis 1
   Introduction to terms and procedures in music analysis; analysis of classical forms
   or Traditions of Western music
   The social and philosophical background to characteristic musical works from selected periods.
3. Practical musicianship and aural training.
   Aural perception of pitch, rhythm, form. Sight singing.
   Performance. Keyboard harmony, figured bass, C clefs.

EXAMINATION:

1. Counterpoint and harmony 1 (1 paper to be written over three days) *or* Elementary composition (a set composition to be written over three days).
2. Music analysis (1 paper) *or* Traditions of Western music (1 paper).
3. Aural and practical tests.

Music 2A

4½ hours a week plus practical work at times to be arranged.

1. *Either* Counterpoint 2 and Harmony 2
   Including Palestrina and Bach counterpoint;
   composition in simple dance forms; nineteenth-century song
   or Music analysis 2
   A wide range of musical styles will be covered, complementing the first-year course.
2. *Either* Musical ideas in the twentieth century
   The social and cultural background; characteristic musical styles and techniques
   or Prescribed works
   Historical case-studies of four major musical works
3. Aural training.
4. Special study
   One of the following:
   (a) Composition
   (b) Notation (principles and practice of musical notation)
   (c) Criticism (the study of selected writings on music)
   (d) Performance (history of performing styles)

With the approval of the head of the Department, students may take a second course from the list in place of course 2 above.

EXAMINATION:
1. Counterpoint and harmony 2 (1 paper) *or* Music analysis 2 (1 paper)
2. Assessment of course work in Musical ideas in the twentieth century *or* Prescribed works, and in the Special study
3. Aural and practical tests.

The standard attained in this examination will be taken into account in assessing the final degree result.

Music 3A

4 hours a week plus practical work at times to be arranged.

1. *Either* Tonal forms
   Composition in prescribed tonal designs such as fugue, aria, variations, sonata forms.
   or Prescribed works
   Historical case-studies and analytical studies of four major musical works.
2. Special study
   One of the following:
   (a) Composition (continuation of second-year course in composition; twentieth-century instrumentation; preparation of a portfolio of compositions)
   (b) Musicology (continuation from second-year course in notation; editorial techniques; palaeography and descriptive bibliography)
   (c) History and criticism (a set period in music history; continuation of second-year course in criticism)
   (d) Performance (a course in interpretation; preparation of a recital programme).

EXAMINATION:
1. Tonal forms (2 papers, one to be written over each of the Christmas and Easter vacations) *or* Prescribed works (1 paper).
2. Special Study
   Either Composition (a portfolio of compositions to be submitted by the second Tuesday of the third term; together with a portfolio of work in instrumentation to be submitted by the fourth Monday of the third term)
   or Musicology (1 paper, together with an editorial project to be submitted by the second Tuesday of the third term)
   or History and criticism (1 paper, together with a project in criticism on preparation of an annotated bibliography or other source of study to be submitted by the second Tuesday of the third term)
   or Performance (a recital, together with a project in performance to be submitted by the second Tuesday of the third term)
3. An essay of about 8,000 words on some aspect of music history or criticism, the subject to be approved by the head of the Department before the end of the first term of the final year, the essay to be submitted by the last day of the second term.

Candidates may also be required to present themselves for an oral examination.

Philosophy (See under **History and Philosophy of Science**)

Faculty of Economic and Social Studies

Economics

Accounting 1A

Monday 2, Tuesday 12, Thursday 10, 2.

Financial accounting

An introduction to the concepts, conventions and methods underlying the preparation and presentation of the periodic financial reports of business enterprises to interested parties. The course includes a critical examination of the usefulness of such reports when prepared in accordance with existing accounting principles, and considers some alternatives.

Management accounting

The design and operation of management accounting information systems for the planning and control of corporate activities. The course will consider cost recording and product costing as the data base of the information systems and the adaptation of such data for decision making. Specific accounting models to be considered will include cost-volume-profit analysis, budgetary systems, standard costing, capital investment appraisal.

EXAMINATION: 2 papers.

Accounting 2A

Financial accounting

Monday 11, Tuesday 12 and tutorial classes fortnightly.

Company law: the initial ten lectures are an introduction to company law dealing with company formation, financing, capital structure, administration and control.

Company accounting: the remaining lectures consider the content and construction of company accounts, introduce corporate taxation, trace the development of legal and institutional disclosure requirements, explain concepts of consolidated accounts, examine methods of analysing corporate financial statements and evaluate the relevance to current users of the information published by limited companies.

Management accounting

Thursday 9 and tutorial classes fortnightly.

An extension and development of management accounting techniques introduced in Accounting 1A. In addition, these techniques will be placed in a wider organizational context taking account of motivations, pressures and constraints which impinge on their design and implementation, including the problems of dealing with imperfect information.

EXAMINATION: 2 papers.

Performance in the 2A examinations will be taken into account in determining the result of the final examination for honours.

Accounting 3A

Lectures: Monday 11, Tuesday 10, Thursday 11, 2, Friday 10, 11 and 2 hours' classes a week at times to be arranged.

Management accounting

This component builds on the content of Management Accounting 2A, with particular attention being paid to the measurement of performance and recent developments in organizational theory/behavioural science and operations research insofar as they are relevant to management accounting.

Business finance

This component consists of an introduction to both the analytical and practical aspects of financial management in the context of the firm's financial policy decisions. The legal and institutional background to securities markets and their participants and to financial management, the valuation of a firm's securities, capital market theory, sources of finance, long-term investment decisions, capital structure and dividend policies, working capital management, mergers, corporate failure and reorganization and special problems confronting small businesses.

Financial accounting

This component builds on Financial Accounting 2A, particularly in the fields of alternative methods of income and value measurement for financial reporting purposes and the development of financial accounting theory.

EXAMINATION: 3 papers.

Economics 1A

Monday 10, Tuesday 11, Friday 4 and tutorial classes weekly.

Economic principles 1

Methods of economic analysis: rationality, logic and empirical evidence; markets for goods and factors of production; perfect and imperfect competition; elementary welfare economics; the general theory of employment, interest and money; inflation; international trade.

Economic institutions

The organization of production; firms and industries; markets for goods, labour and financial assets; the role of the public sector; measurement, composition and growth of the national income; trade and the balance of payments; the management of the economy.

EXAMINATION: 2 papers.

Economics 1B

General Economics

1 hour's lecture a week and tutorial classes fortnightly.

Prices, markets, production and costs, industrial organization; the economy as a whole, employment, income, money and banking, growth.

British Economic History, 1750–1914

Friday 11 and tutorial classes fortnightly.
Major aspects of economic experience: the process and consequences of industrialization; long-term changes in the structure of the economy; the growing involvement in international trade and finance; the changing role of the state in economic and social affairs.

EXAMINATION: 2 papers.

Economics 1CV

Wednesday 12.

A course in applied economics with particular reference to the firm and its environment, including an analysis of demand for the firm's products, the relationship of costs to the size of the firm, sources and use of capital, labour economics, pricing policy, competition, etc.

EXAMINATION: 1 paper.

Economics 2A

Monday 4, Tuesday 9, Wednesday 9, Friday 9 and tutorial classes weekly.

Economic principles 2

Microeconomics: Theory of consumer behaviour, production and cost functions; general equilibrium and economic welfare, externalities and public goods; uncertainty, imperfect competition and theories of the firm; theories of factor pricing and income distribution.

Macroeconomics: Theories of aggregate consumption and investment; the supply of and demand for money; the labour market; aggregate demand and macro models of closed and open economies; theories of inflation; growth and cycle theory.

Applied economics

The aim of this component is to provide an understanding of the main elements of UK economic performance and policy in the post-war period and the ability of economic theory to illuminate them. Topics include industrial performance and policy; functioning of labour markets; distribution and welfare; inflation; stabilisation policy and public finance; growth and planning; trade and the balance of payments.

EXAMINATION: 2 papers.

Performance in the 2A examination will be taken into account in determining the result of the final examination for Honours.

Economics 3A

One component from list B and two components from list D of third-year courses in the School of Economic Studies selected with the approval of the Chairman of the School. Not all components may be available in any one year.

List B — third-year optional courses in economic theory

1½ hours per week from the following according to option selected: Monday *or* Tuesday *or* Thursday 12–1.30, Friday 9–10.30.

Theory of markets

Walras's auctioneers; trading at false prices; price quantity disequilibria; time; uncertainty; expectations.

Economic growth and development

Harrod-Domar; neo-classical growth theories; technical progress; neo-Keynesian theories of growth and distribution; growth and development.

Theory of international trade

Gains from trade; theory of trade policy for a small country; patterns of trade; theory of tariffs for a large trading economy; theory of economic integration; trade imbalance and balance of payments adjustment; external direct investment and multi-national companies.

Marxist economic theory

Marxist method and its application to society; economic relations of capitalism; theory of value and distribution; reproduction, accumulation, cycles and structural development; money and inflation; welfare economics.

Monetary theory

Demand for money; money as an asset; portfolio choice; supply of money and its control; money in an open economy with fixed and floating exchange rates; monetary theory of inflation; efficacy of fiscal and monetary policy; crowding-out.

Theory of public sector policy

Pareto optimality; social welfare and social justice; externalities and public goods; taxation — incidence and shifting; fiscal and monetary policy.

List D — third-year optional courses in quantitative subjects

2 hours per week from the following according to option selected: Tuesday 2, 3, 4, Wednesday 12, Friday 3, 4; tutorial classes fortnightly.

Sample survey techniques

The course covers theoretical and practical aspects of sample surveys. Sampling schemes involving stratification, clustering etc are discussed in some detail, emphasis being placed on statistical efficiency, cost and administrative convenience. Problems of determination of sample size, ratio estimates and non-sampling errors are also covered. Actual surveys, like the family expenditure survey, are used as illustrations.

Econometrics

This course examines the statistical methods of econometrics used in establishing quantitative relationships between economic variables and their application to specific economic problems. Topics covered include: Simple and multiple regression models; least squares and maximum likelihood estimation, hypothesis testing and prediction. Extensions of the general linear model; generalised least squares; multi-collinearity, use of linear restrictions, dummy variables, autoregressive models including distributed large models. Simultaneous equation models; structure of equation systems, identification problems, least squares estimation and simultaneous equation bias, indirect and two stage least square estimators, systems methods, forecasting with equation systems. Applications; demand analysis, production functions, consumption functions, macroeconometric models and their use.

*Applied econometrics**

Statistical demand analysis; production functions; models of investment behaviour; wage-price models; the consumption functions; macroeconometric model building. All

* Applied econometrics may be selected only if Econometrics is also selected.

students will complete a computer-based applied econometric project during the second half of the course.

Operational research

Application of mathematical methods to problems in management and economics. Topics include mathematical programming and industrial applications, the transportation problem, network analysis, dynamic programming and queueing theory.

Mathematical economics

The object of this course is to treat selected economic problems in a mathematical fashion. The topics taught may vary from year to year, but will include such areas as:

1. Consumer demand analysis and some extensions, eg labour supply, demand for durables, choice under uncertainty.
2. Theory of investment.
3. Theory of growth.
4. Macro models with budget constraints, wealth accumulation. Discrete and continuous time models.
5. Wage-price models.
6. Macro policy in closed and open models.

EXAMINATION: 3 papers.

Performance in the 2A examination will be taken into account in determining the results of the final examination for Honours.

Geography

All courses in geography include compulsory field-work during term and vacation.

Geography 1A and 1GG

3 hours' lectures from: Thursday 9, 2, Friday 2, 3; 4 hours' laboratory and practical work a week; tutorials at times to be arranged.

Environmental processes (24 lectures). Geographical analysis — systems, location and resources (24 lectures). Environmental science (12 lectures). *Either* Historical geography *or* Urbanisation processes (12 lectures).

EXAMINATION: 3 papers and assessment of practical work.

Geography 2A

3 lectures and 6 hours' laboratory and practical work a week; tutorials at times to be arranged.

Environmental change, climate and biogeography, catchment dynamics. Natural resources may be substituted for *one* of these courses with the approval of the chairman of the School of Geography. (A research project of suitable scope will be initiated in conjunction with one of these components. It will be carried out in the ensuing long vacation and submitted as part of the final degree examination. For the geography–management studies scheme this project may be in either main subject or a combination of both.)

EXAMINATION: Four 1½-hour papers and assessment of practical work.

Geography 2GG

5 lectures and 9 hours' laboratory and practical work a week; tutorials at times to be arranged.

Environmental change, climate and biogeography, catchment dynamics, natural resources, and one full course or two half-courses from those offered to the second year Bachelor of Arts schemes in Geography but not including approaches in human geography. (A research project of suitable scope will be initiated in conjunction with one of these components. It will be carried out in the ensuing long vacation and submitted as part of the final degree examination.)

EXAMINATION: Six 1½-hour papers and assessment of practical work.

Geography 3A

A selection of topics, amounting to 4 lectures and 6 hours' laboratory and practical work a week.

Components, each extending over half the session, will be given on a number of topics, which will normally include: atmospheric hydrology, climatic change, catchment - hydrology, flood hydrology, forecasting in hydrology, fluvial processes, glacial processes, historical geomorphology of Great Britain, structural geomorphology, hill-slope erosion, geomorphological models, soil geochemistry, problems in pedology, vegetation history, biogeography and conservation, photogrammetric mapping, remote sensing of the environment, land resources, water resources, energy resources, the petroleum industry, and environmental risk. Each candidate will take an approved selection of four half-sessional components. Exceptionally an alternative lecture course from those offered to Bachelor of Arts schemes of study may be substituted for two half-sessional components, with the approval of the chairman of the School of Geography.

EXAMINATION: 2 papers: in addition all candidates must submit a report on the long-vacation research project by the first Monday of the final year; and a report on the third-year research project by the first Monday of the third term in the final year (together equivalent to one paper).

Geography 3GG

A selection of topics amounting to 8 lecture hours, 8 hours' laboratory and practical work a week at times to be arranged.

Components, each extending over half the session, will be given on a number of topics, which will normally include: atmospheric hydrology, climatic change, catchment hydrology, flood hydrology, forecasting in hydrology, fluvial processes, glacial processes, historical geomorphology of Great Britain, structural geomorphology, hill-slope erosion, geomorphological models, soil geochemistry, problems in pedology, vegetation history, biogeography and conservation, photogrammetric mapping, remote sensing of the environment, land resources, water resources, energy resources, the petroleum industry, and environmental risk. Each candidate will take an approved selection of eight half-sessional components. A lecture course from those offered for the Bachelor of Arts scheme of study may be substituted for two half-sessional components with the approval of the chairman of the School of Geography.

EXAMINATION: 4 papers; in addition all candidates must submit a report on the long vacation research project (equivalent to one paper) by the first Monday of the final year; and a report on the third-year research project (equivalent to one paper) by the first Monday of the third term in the final year.

Geography/Geology 2B

8 hours a week at times to be arranged.

Either modelling and computing methods for physical geography *or* computing, photogrammetry and surveying. Ore deposits; structural geology; coal, oil and gas and water supply.

EXAMINATION: 1 paper and assessment of practical work in geography and a practical examination in geology.

Geography/Management Studies 2B

Geography: 3 hours a week: Monday 2–5 *or* Friday 2–5.
Management Studies: 2 hours a week: Tuesday 10 and an examples class to be arranged.

Either modelling and computing methods for physical geography *or* computing, photogrammetry and surveying. Statistical analysis in management.

EXAMINATION: 1 paper and assessment of practical work.

Management Studies

Management Studies 1A

3 hours' lectures and 1½ hours' tutorials, at times to be arranged.

Organization Studies 1A provides a review of the whole spectrum of organizational issues, ranging from a psychological perspective on individual behaviour in the organization, through a social psychological analysis of group dynamics to a sociological examination of the total organization and its environment. The aim of the course is to introduce basic concepts, theories and research as a prelude to more detailed analysis in Organization Studies II, Business Policy and final-year options.

Management Economics 1A aims to provide students with a basic appreciation in orthodox micro-economics and then to extend this into an examination of economic analyses and techniques which have special relevance for the tasks and processes of management. The course will then examine some aspects of the political economy within which managers carry out their tasks. The capitalist system will be treated historically rather than ahistorically and an examination of some aspects of the movement from capitalism to monopoly capitalism will be included.

Models for Planning 1A Quantitative aspects of planning will be studied. After an introduction to the general philosophy of mathematical modelling, a range of techniques will be described, including linear models, networks, decision trees and probability models. The methods of formulation and analysis will include linear programming, graphical analysis, correlation and regression, simulation and heuristic algorithms.

EXAMINATION: Three 2-hour papers and assessment of course and tutorial work.

Management Studies 1CH

Introduction to Management 1T (as below).
Tuesday 9 *or* Thursday 10.
EXAMINATION: One 2-hour paper.

Management Economics 1T (as below).
Monday 11 *or* Thursday 11.
EXAMINATION: One 2-hour paper.

Organization Theory 2T (as below)
Tuesday 10.
EXAMINATION: One 2-hour paper.

Seminar in Management Studies
At times to be arranged.
There is no examination but an assessment of the year's work will be made.

Management Studies 1CT

Introduction to Management 1T (as below).
EXAMINATION: 1 paper.

Management Economics 1T (as below).
EXAMINATION: 1 paper.

Social & Industrial Psychology 2T (as below).
EXAMINATION: 1 paper.

Management Studies 1T

Introduction to Management 1T
One hour a week.
This course provides a basic conceptual framework for management with practical applications.

Management Economics 1T
One hour a week.
An introduction to the economics of the firm with reference to the manager as a decision-maker.

EXAMINATION: 2 papers.

Management Studies 2A

3 hours' lectures and 1½ hours' tutorials, at times to be arranged.

Organizational Studies 2A looks at the nature of conflict, control systems and conflict resolution within organizations. Conflict between management and workers will be covered as well as intra-management and intra-workgroup conflicts. Topics covered will include power, leadership and influence processes. The course will also look at related concepts in society at large.

Management Economics 2A develops relevant microeconomic concepts and analyses into related managerial techniques and skills. The emphasis is on managerial decision areas within the organization and relating to its immediate environment. The real managerial decisions on resource allocation and budgeting are explored.

Models for Control 2A. Emphasis on control and corrective action, which takes effect over a period of time, naturally leads to the study of feedback and the influence of amplification, delays and noise on system stability, i.e. systems dynamics. Examples from particular application areas such as the control of stock, working capital, quality, production and materials usage, together with the relationships between individual control systems, will be

described. The structure of the information systems on which control is based will be studied, together with information-processing methods.

EXAMINATION: Three 2-hour papers and assessment of course and tutorial work.

Management Studies 2CE

Tuesday 10, Thursday 9.

The 'Organization theory 2T' component of Management Studies 2T, and the 'Management economics 3T' component of Management Studies 3T.

EXAMINATION: 2 papers.

Management Studies 2T

For students who have completed Management Studies 1T.

Two components selected with the approval of the head of the Department from:
- Financial Management 2T
- Management Advisory Services 2T
- Management Economics 2T
- Marketing 2T
- Organization Theory 2T
- Production Management 2T
- Social & Industrial Psychology 2T

EXAMINATION: 2 papers.

Financial Management 2T
One hour per week.
An introduction to the techniques of financial analysis and control.

Management Advisory Services 2T
The manager can obtain advice from a number of specialist services, eg work study, organization and methods, computer services, the statistical service, operational research and market research. By examining the methods used by some of these, an insight will be given into a range of management problems.

Management Economics 2T
One hour per week.
This course deals specifically with problems of management in relation to capital and labour and concludes with a study of the political economy within which the process of management takes place.

Marketing 2T
One hour per week.
A broad introduction to the concepts and techniques of marketing and market research.

Organization Theory 2T
One hour per week.
The interdependence of the individual and the organization, the alternative ways that this interdependence can be managed and the consequences for personal and organizational effectiveness.

Production Management 2T
One hour per week.
Problems of production, including plant location, layout, work measurement, production planning and quality assessment.

Social & Industrial Psychology 2T
One hour per week.
The course examines these areas of psychology which are important for understanding the individual, interpersonal and group behaviour within organizations.

Management Studies 3A

3 hours' lectures, 3 hours' tutorials, at times to be arranged. If a student chooses to undertake The Project 3A as the second option there will be 2 hours' lectures and 2 hours' tutorials.

Business Policy 3A This course analyses in depth the nature of the relationship between organization strategy, structure and environment. Among the topics to be considered are the following: the theoretical basis of business policy; the nature of the environment as a source of constraints, contingencies and uncertainties, as a resource, as a system of networks and interdependencies — the power dimension; top management; boundary spanning; factors in the formation of business policy — the information basis; attitudes, expectations and perceptions; social responsibility; the development of corporate strategy, its formulation and implementation.

This is an analytical and conceptual course designed to develop skills relating not simply to business policy but also to the management process in general. The skills will be practised through a series of case studies.

In addition students take *two* of the following options (not all of which will necessarily be available in one year), the selection to be made with the approval of the head of the Department:

Organizational Behaviour 3A looks at the nature of individuals, organizations and their interaction. Processes of choice, adaptation and development within organizations are considered together with influences on work behaviour. The nature and consequences of change are examined and different approaches towards managing people and improving organizational effectiveness are explored.

Management and Work Design 3A An examination of the theoretical bases of recent publications on work design. The development of a theoretical perspective on interactions and interventions in organizations followed by a review of the main constituents of work design — technology, ergonomics, job restructuring, work organization and the societal constraints on work design.

Advanced Strategy 3A The course will deal with the fundamental ideas of strategy, as found in the literature on military strategy. These ideas will be transposed into terms of organizational processes, and applied to decision-making processes and problems encountered in organizations. The course will be taught as a seminar, with field projects and with extensive presentations from the literature by students.

Financial Planning and Control 3A This course investigates the role of accounting and finance within the management control process. It concentrates on the role of accounting and finance in obtaining resources and in the measuring of the effectiveness and efficiency with which organizational goals are achieved. Areas studied include the role of accounting as part of a management information system, programming and budgetary control, decentralization and performance appraisal.

Financial Management 3A The Financial Management option concentrates on the wider financial issues within an organization. It looks at the organization's financial objectives and the models and techniques which can be used in achieving these objectives. Topics covered include the finance-mix, investment appraisal, working capital management, mergers and company appraisal.

Marketing 3A The market and the enterprise; models for investigating markets as sequential processes; system models for market flows; processes of measurement and control.

Statistics in Business 3A includes basic statistical theory, the availability of statistical data from governmental and commercial sources, forecasting, survey design and analysis.

Management Research Methods 3A is concerned with the application of scientific method to the analysis of managerial and organizational problems. Topics include problem conceptualization, hypothesis construction, research design, quantitative and qualitative methods of analysis and report writing.

This option will be assessed by a project of approximately 10,000 words to be submitted by the first Monday of the third term of the year in which the course is taken.

Languages, cultures and international management 3A is about problems which arise for individuals and for organizations when they operate in countries other than their own. It deals with the resources of language and their relation to culture; meaning, values and culture; meaning and probability; meaning, preferences and purposes; culture clash and culture shock; cultural relativism and alternatives to it; identity-maintenance in encounters in one's own and other languages; pressures on individuals and organizations; individual, organization and group when abroad; problems of re-entry.

Strategic Gaming 3A builds on concepts from Game Theory to look at the problems of identifying and developing winning criteria, goals, strategies, programmes and tactics and the inter-relationship between them. The purpose is to develop and test general theories of strategy with the emphasis on the dynamics and competitive interaction. The course will be taught on the basis of seminars and strategic simulations.

The Political Economy of the Firm 3A is concerned with the interfaces between management, economics and politics and the implications of these for managers and the management process in both private and public sector organizations.

The Theatre of Management 3A views management as social action. Theories of social explanation are examined and the analogy of management to the theatre, developed. Theatrically grounded concepts such as play, script, sub-text, role, actor, director, audience, casting, setting, rehearsal and improvisation are used to analyse various managerial problems.

Problem Solving in Organizations — Consulting Skills 3A is concerned with the theory and practice of consultation. Emphasis is given to the theoretical exploration of processes of change as they affect both the individual and the organization. Diagnosing and solving problems are viewed from a number of different theoretical perspectives as are the nature of consultation and the role of the consultant. The development of practical consultancy skills is also emphasiszed.

Production/Operations Management 3A; This course focuses on the design and control of operating systems in manufacturing and non-manufacturing organizations. Three aspects are covered. Firstly, the integration of operations with the functions of management. Secondly, the design of the operating systems, including facilities location and layout, management of the technological, materials, quality, personnel systems and thirdly, the operational control of these systems. The emphasis will be on the practical application of these systems.

Organization Diagnosis, Design and Development 3A looks in depth at recently developed technology for basing required and preferred changes in organization structure and functioning upon careful and deliberate analysis. The option works from a systemic and behavioural science base and uses research to predict the context in which organizations will be operating.

Personnel Management 3A starts with a review of the role and scope of the personnel

function in organisations, in the context of the national economic, sociocultural and political environment. This will be followed by a consideration of selected topics and current issues. Examples are: The employment contract and codes of practice, industrial tribunals, recruitment policies, management development and its relationship with organisation development, climate and objectives.

The Project 3A is an exercise in the design, implementation and analysis of a topic chosen by the student in conjunction with an academic supervisor. The topic may be in the form of empirical research, a theoretical review or of a problem-solving nature. The project will be of approximately 10,000 words. The project has to be presented by the last day of the second term.

EXAMINATION: Three papers (or two papers and a project) and assessment of course and tutorial work.

Management Studies 3T

For students who have satisfactorily completed Management Studies 2T.

Two components from Management Studies 2T not already taken, selected with the approval of the head of the Department of Management Studies.

EXAMINATION: 2 papers.

Faculty of Law

Law 1U

2 hours' lectures a week, supported by tutorials or seminars 1 hour per fortnight, at times to be arranged.

This course offers a grounding in the principles of the English Legal System followed by an introduction to the law of contract and the law of agency.

EXAMINATION: 1 paper.

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School of Medicine
1987–88

The information contained here is correct at the time of going to press in July 1987. The University reserves the right to make changes without prior notice.

Further information regarding the undergraduate course may be obtained from:

The Sub-Dean for Admissions
The School of Medicine
The University
Leeds
LS2 9JT

Telephone: Leeds 431751 Ext. 7589

or *The Secretary to the School of Medicine*
The University
Leeds
LS2 9JT

Telephone: Leeds 431751 Ext. 7591

Information on postgraduate degrees and diplomas awarded by the University may be obtained from the appropriate head of department and for the MD and ChM from the Dean of the Faculty of Medicine (see also the prospectus University of Leeds, Postgraduate Study 1987/88).

Information regarding facilities for postgraduate medical training may be obtained from:

Mr D. H. Wilson, M.B., Ch.B, D.T.M., F.R.C.S. Ed.

Dean of Postgraduate Medical Education
Worsley Medical and Dental Building
The University
Leeds
LS2 9JT

Telephone: Leeds 431751 Ext. 7593

Dates of Terms

First term
Wednesday, 7 October 1987
Friday, 18 December 1987

Second term
Monday, 18 January 1988
Friday, 25 March 1988

Third term
Monday, 25 April 1988
Friday, 1 July 1988

Dates of Terms of the Clinical Years

Third year
5 October–18 December 1987
4 January–1 July 1988

Fourth year
17 August–23 December 1987
4 January–29 July 1988

Final year
17 August–25 October 1987 (Elective)
2 November–23 December 1987
4 January–1 July 1988

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Prescribed Scheme of Study for the Degrees of Bachelor of Medicine and Bachelor of Surgery

1. The degree course for the degrees of M.B., Ch.B. extends over five years. Candidates should note that in order to qualify for admission to a scheme of study for a first degree in the University, they must satisfy both a General Requirement and a Course Requirement. For information regarding the General Requirement, for purposes of matriculation, candidates should write to the Secretary, Joint Matriculation Board, Manchester M15 6EU. The Course Requirement is set out below.*

2. COURSE REQUIREMENT

(a) For admission at least three passes at high standard in approved subjects in a GCE examination at advanced level are required. One of these subjects must be chemistry, together with two of the following: physics, mathematics or biology/ zoology.

(b) Candidates who hold qualifications deemed by the Dean of the Faculty, on behalf of the Senate, to be equivalent to the above, may be admitted to the scheme of study.

NOTE: With reference to sub-paragraph (a) above:

(i) Engineering science is acceptable in lieu of physics.

(ii) Physics-with-mathematics is acceptable in lieu of physics provided it is not offered together with mathematics.

(iii) Nuffield physical science is acceptable in lieu of chemistry provided it is not offered together with physics.

(iv) Mathematics: pure-and-applied, or pure mathematics; mathematics with statistics or SMP mathematics, and such other syllabuses as may from time to time be approved, are acceptable.

3. THE FIRST-YEAR COURSE†

The first year of the course shall include instruction in anatomy, biochemistry, physiology and man in society.

EXAMINATIONS: The progress of candidates will be reviewed at the end of the first year. Account will be taken of their work in each part of the course, including their performance in such departmental or other examinations and tests as the Board of the Faculty may approve from time to time.

* The Course Requirement will be modified with effect from October 1988 to take account of the introduction of AS-level examinations.

† At the start of the course all students are expected to attend instruction in first aid followed by an examination.

4. THE SECOND-YEAR COURSE

The second year of the course shall include further instruction in anatomy, biochemistry, physiology and man in society. Instruction will also be given in pharmacology, microbiology and pathology. There will be inter-departmental teaching in selected topics together with case presentations.

EXAMINATIONS: During the year there will be examinations:

(a) in biochemistry, during the second term — one written paper of three hours
(b) in anatomy, during the second term — one written paper of three hours
(c) in physiology, during the second term — one written paper of three hours.

In each subject oral examinations may be required.

At the end of the year a review of the progress of each candidate will be made, in which account will be taken of performance in each part of the course, including these examinations and such other departmental or other tests as the Board of the Faculty may approve from time to time.

5. THE THIRD-YEAR COURSE

The third-year course shall include instruction in clinical medicine and clinical surgery together with further instruction in biochemistry in relation to medicine, microbiology, pathology, pharmacology and man in society. Interdepartmental teaching will be given on the following: blood; cardiovascular and respiratory systems; alimentary system; nervous system; endocrine system; genito-urinary system and locomotor system.

EXAMINATIONS: There shall be written, practical and oral examinations in each of the subjects, microbiology, pathology, pharmacology and man in society, and such departmental or other examinations and tests, written, practical, clinical and oral, as the Board of the Faculty may approve from time to time. The progress of candidates will be reviewed at the end of the third year.

6. THE FOURTH-YEAR COURSE

The fourth-year course shall include instruction in:

(a) Obstetrics and gynaecology

(b) Paediatrics

(c) Psychiatry

(d) Community medicine

(e) General practice

(f) Anaesthesia and resuscitation

(g) Medical specialties including dermatology, genito-urinary medicine, infectious diseases, radiotherapy, rheumatology and rehabilitation

(h) Surgical specialties including accident and emergency surgery, orthopaedic surgery, plastic surgery and urology.

EXAMINATIONS: 1. There will be written, clinical and oral examinations in obstetrics and gynaecology, paediatrics, and psychiatry at the end of the relevant instruction. Assessment of the work in the other specialties will take the form of various tests, including written and clinical tests and vivas at the end of each attachment.

2. The progress of candidates will be reviewed at the end of the fourth year. Account will be taken of their work in each part of the course, including their performance in such forms of assessment as may be approved by the Board of the Faculty from time to time.

7. THE FIFTH-YEAR COURSE

The fifth year shall include:

(a) An elective period

(b) Further instruction in medicine and surgery including cardiology, geriatric medicine, neurology, therapeutics, cardiothoracic surgery, neurosurgery, ophthalmology, otorhinolaryngology.

EXAMINATION: The examination for the award of the degrees of M.B., Ch.B. will be completed during the year. The examination shall include written, clinical, and oral examinations in medicine and surgery. Account will be taken of work carried out during the year including a short report by candidates on the work done in their elective period and in each of the previous years, together with the performance of candidates in such forms of assessment as have been approved from time to time by the Board of the Faculty.

Attention is drawn to the possibility of intercalating a year for the degree of Bachelor of Science with honours in anatomy, biochemistry, genetics, medical microbiology, pathology, pharmacology, physiology, psychology, or chemical pathology. Details of these schemes are given in the calendar, *Faculties of Science and Engineering*. Students wishing to intercalate a year should consult the Dean of Pre-Clinical Studies and the head of the department concerned.

Prescribed Scheme of Study for the Degree of Master of Medical Science

Clinical Psychiatry

1. The scheme of part-time study extends over three calendar years, commencing in October. Candidates are required for the duration of the course to hold posts in psychiatry, approved for this purpose by the Senate on the recommendation of the Board of the Faculty of Medicine, at a hospital in or near Leeds.

2. Candidates must undertake a course of advanced instruction which shall include:

First Year

Psychology — individual and social
Elements of the social sciences
Neurosciences relevant to psychiatry
Neurology, including neuropathology
Research method, including statistics
Descriptive psychopathology

Second Year

Psychiatry, including child psychiatry, mental handicap psychotherapy and medico-legal psychiatry
Applied psychology
Research method
Clinical neurology

Third Year

Psychiatry
Research method

3. Candidates accepted under the provisions of regulation 13 shall be permitted to proceed directly to the second year of the course.

4. The examination shall consist of:

(a) a departmental examination at the end of the first year

(b) an examination at the end of the second year in clinical psychiatry and neurology comprising written, oral and clinical tests and assessment of clinical course work

(c) assessment of a dissertation on an approved subject. The dissertation must be presented by not later than twelve months after completion of the prescribed period of study. Candidates may be required to attend for oral examination on the dissertation.

General Practice

1. The scheme of full-time study extends over one calendar year, normally commencing in October.

2. Candidates must undertake a course of advanced instruction which shall include:
Epidemiology
Research methods
Statistics
Clinical medicine with particular reference to general practice
Human behaviour
Human development
Sociological aspects of clinical practice
Health administration

3. The examination shall include three written papers, a clinical examination and an oral examination which shall normally be held in the June next following registration for the scheme. In addition, each candidate must present, normally not later than twelve months after completion of the prescribed period of study, a dissertation of between 10,000 and 20,000 words on a subject approved by the head of the Department of General Practice. Candidates may be required to attend for a further oral examination on the dissertation.

Prescribed Scheme of Study for the Degree of Master of Public Health

1. Scheme A normally extends over two academic years of part-time study or one calendar year of full-time study. The alternative Scheme B for overseas candidates from developing countries normally extends over one calendar year of full-time study.

2. All candidates must undertake the prescribed scheme of instruction to which they have been admitted as follows:

SCHEME A

(a) *Epidemiology*
Concepts of health and disease
Classifications of disease and disability
Health, demographic and social trends
Demographic and social structure of populations
Sources and uses of morbidity and mortality data
Genetic, environmental and behavioural determinants of health
Epidemiological methods and the design of surveys
Epidemiology of communicable diseases
Epidemiology of non-communicable diseases

(b) *Quantitative methods*
Calculation of rates and methods of standardization
Frequency distributions
Life tables
Probability theory
Tests of significance
Measures of association (correlation and regression)
Multivariate procedures
Analysis of variance
Sampling technique
Randomized controlled trials
Data processing techniques
Principles of computers and computer language
Presentation and interpretation of quantitative data

(c) *Health and allied services*
Development, structure and functioning of health services
Legislation relating to health and social services
Methods for the promotion of health and the prevention of disease and disability (including immunization, screening, nutrition, genetic counselling, environmental control, health education and rehabilitation)
Implications for health services of developments in medicine and changes in society
Ethical problems in medicine
Health services in other countries
The World Health Organization

or

SCHEME B

(a) *Epidemiology*
Concepts of health and disease
Classifications of disease and disability
Health and social trends
Sources and uses of morbidity and mortality data
Genetic, environmental and behavioural determinants of health
The geography of disease
Epidemiological methods and the design of surveys
Epidemiology of the main tropical diseases
Epidemiology of non-communicable diseases

(b) *Demography*
Measurement of demographic changes
Life tables
Population forecasting
The influence of family planning on birth-rate

(c) *Medical statistics*
Calculations of rates
Methods of standardization
Frequency distributions
Probability theory
Tests of significance
Correlation and regression
Analysis of variance
Sampling techniques
Randomized controlled trials
Data processing techniques
Presentation and interpretation of quantitative data

(d) *Preventive medicine*
The concept of primary, secondary and tertiary prevention
Prevention of communicable diseases (including immunization, notification procedures, isolation, quarantine and environmental control)
Prevention of non-communicable diseases (including screening)

(e) *Tropical public health engineering*
Transmission of communicable diseases
Water-related infections and their control
Rural and urban water supplies
Excreta-related infections and their control
Sanitation programme planning
Collection, treatment and disposal of domestic refuse
Bacteriology of water and waste
Sewage treatment and re-use in hot climates

(f) *Occupational health*
Occupational hazards and their control
Effects of industrialization
Occupational health services
Legislation regarding health and safety in industry
Visits to local industries

(g) *Health education*
Principles of learning
Methods of changing health-related behaviour
Design of health education programmes
Health education services
Evaluation of health education

(h) *Health and related services*
Social policy
Planning of health services
Health economics
Management of health services
The World Health Organization

(i) *Field course at Malham Tarn*
Identification of vectors
Practical techniques of entomology

(j) *Course in diagnostic parasitology at Liverpool*
Identification of parasites
Laboratory techniques of use in hot climate countries

3. The examination for the degree shall consist of:

(a) A written examination, of three papers, normally to be held in the January of the second year of study for part-time candidates and the June for full-time candidates;
(b) Assessment of a dissertation of between 10,000 and 15,000 words on a subject approved by the Head of the Department of Community Medicine.
Dissertations must be submitted for examination normally by not later than the end of May in the second year of study by part-time candidates and by not later than 15 August for full-time candidates.
(c) At the discretion of the examiners, an oral examination may be required. Oral examinations will normally be held in June for part-time candidates and in September for full-time candidates.

Prescribed Scheme of Research for the Degree of Master of Medical Science

1. The scheme shall extend over one calendar year full-time or two calendar years part-time. In exceptional circumstances, the Board shall be empowered to reduce the minimum period of two calendar years of part-time study for the degree by research when the progress and quality of the candidate's research justify such a reduction, provided that no candidate shall be permitted to present for examination for the degree before the completion of one calendar year of study.

2. An outline, typewritten double spaced on size A4 paper and not exceeding two pages in length, of the proposed research, must be submitted for the approval of the Board of the Faculty of Medicine before the research is commenced.

3. The research shall be carried out under supervision, and to the satisfaction of the head of the department concerned.

4. Candidates shall be required to present, not more than six weeks before and normally not later than six weeks after the end of the prescribed period, a thesis giving an account of their research.

5. Candidates shall be required to present themselves for an oral examination.

General Regulations*

1. *Of residence*

(a) All students are required to inform Students' Section in the Registry of their permanent home address and their term-time address. Any change to either of these should be reported to that office as soon as possible on a 'Change of Address' form.

(b) Students living in halls of residence, University flats, City flats and in hostels and board lodgings recognized by the University are required to comply with any relevant regulations for that accommodation.

2. *Of attendance and keeping terms*

Undergraduate Students

Students shall attend punctually at the beginning of each term. Students who do not so attend may be refused permission to keep the term. Where delay in attending is due to illness or other unavoidable cause a communication must be sent to the appropriate person as defined below, who will inform the Registrar. In cases of illness the communication should be accompanied by a medical certificate.

Students are required to be in residence throughout the whole of each term and may not absent themselves without permission from the appropriate person except at weekends, viz. midday on Saturday to 9a.m. on Monday, and on recognized holidays. Students resident in halls are reminded that they must also comply with additional regulations that are applicable.

Postgraduate Students

Postgraduate students shall attend punctually at the beginning of their period of study. Students who do not so attend may be refused permission to commence their studies. Where delay in attending is due to illness or other unavoidable cause a communication must be sent to the Head or Postgraduate Tutor of the department, who will inform the Registrar. In cases of illness the communication should be accompanied by a medical certificate.

Full-time postgraduate students are required to be in residence throughout the whole of their studies unless special permission has been granted for them to study away from the University under the regulations governing their scheme of study. They may not absent themselves without permission from the appropriate person except at weekends, viz. midday on Saturday to 9a.m. on Monday, and on recognized holidays.

All students

Students shall attend regularly, punctually and in an orderly manner the course of lectures, laboratory work, tutorial periods and examinations prescribed in their schemes of study, together with such other lectures, classes or examinations as may be directed. Persistent neglect of work, repeated failure in examinations or unreasonable delay in presentation for an examination may result in a student being required to withdraw from the University. A

* Students in the School of Medicine are subject to the discipline and general regulations of the University, as well as to the rules made by the Board of the Faculty of Medicine.

student who is absent through illness or other sufficient cause shall send a written explanation at once to the appropriate person. In cases where absence through illness extends for more than one week, the student shall send a medical certificate to the appropriate person.

The appropriate person to whom notification of illness must be sent or by whom permission to be absent for any reason other than illness may be given, who will notify the Registrar, is as defined below in respect of students taking the scheme stated:

B.A. or B.Sc. in one main subject, LL.B.: The head of the appropriate department.

B.Ch.D.: The Dean of the School of Dentistry.

B.A. in two main subjects (first year) in the Faculty of Arts: The Sub-Dean of the Faculties of Arts, Economic and Social Studies and Law.

B.A. in two main subjects (second and subsequent years) in the Faculty of Arts, and B.A. Modern Languages: The head of one of the departments concerned.

B.A. in two main subjects (all years) in the Faculty of Economic and Social Studies: The head of one of the departments concerned.

B.A. in two main subjects (combined): The Director of Combined Studies in the Faculty of Science.

M.B., Ch.B.: The Dean of the Faculty of Medicine.

All other schemes: The head of the appropriate department.

Absence without permission may result in a student being required to withdraw from the University.

3. *Of progress procedure*

A clear indication will be given to each student at the outset of his course that unless there are special circumstances affecting his progress he will be expected to fulfil the University's examination requirements within the normal time.

Warnings, not necessarily in writing, may be given to students at any time by heads of departments, deans or sub-deans that failure to improve the standard of their work may lead to their course of study being terminated.

A student may be required to terminate his course, after consideration of his examination results, without previously having being warned.

4. *Of sabbaths and holy days*

Students who for religious reasons are unable to carry out their University work or examinations on a sabbath or a holy day shall give notice of this fact in writing to the Registrar and the Dean not later than 1 November in each session.

It is the responsibility of such students to inform themselves concerning the work which has been done in classes from which they have been absent and to take appropriate action.

Every effort will be made to avoid arranging examinations on a sabbath or a holy day for students who have informed the Registrar as required above, but the University reserves the right to hold examinations on such days if no alternative time is convenient.

5. *Of addresses*

Students shall inform the Registrar of their addresses. Changes of address must be communicated without delay.

6. *Of interference with the work of the University*

Members of the University who engage in activities that deliberately obstruct any aspect of the work of the University or prevent members or employees from going about their lawful business, will thereby render themselves liable to disciplinary action.

7. *Of dismissal*

Students who are dismissed for idleness or misconduct will forfeit all fees and privileges.

8. *Of damage*

Students shall replace or repair at their own expense apparatus or other property of the University which may have been destroyed or damaged by their fault.

9. *Of damage to property in charge of the University Union*

Students who damage property in the charge of the University Union may be fined by the appropriate committee of the Union. An appeal against any decision of the University Union may be made to the Vice-Chancellor.

10. *Of publication*

Except with the special permission of the head of the department concerned, students shall not publish the results of research done by them in the University or any matters given in the lectures or other tutorial classes.

11. *Of the use of University laboratories by students*

(a) Unless they have special permission from the head of the department concerned, undergraduate students may not undertake any experimental work in laboratories except that which is approved in connection with courses for which they are registered, and which is undertaken at times when the laboratories are supervised; always provided that undergraduate students in their final year of study who are required to carry out individual project work may be allowed to undertake laboratory work for this purpose at any time, without continuous supervision, and when laboratories are normally closed, e.g. in the evenings after 5 p.m., subject to any restrictions imposed by the head of the department concerned.

(b) A student who has registered for a course of advanced study and/or research in the University is deemed qualified to carry out laboratory work independently and is permitted to work in a laboratory without supervision at any time, subject to any restrictions imposed by the head of the department concerned on the use of laboratories, during the normal working day, in the evening after 5 p.m. and at week-ends.

(c) Students who have obtained a first degree in a subject in which experimental work in a laboratory is an integral part, or who have obtained a qualification acceptable as equivalent to or in lieu of such a degree, may, on the recommendation of the head of the department concerned, with whom shall rest the decision as to their suitability for admission, be permitted to use the laboratories for independent work during part or the whole of the vacations, at times to be arranged, on payment of the prescribed fee.

12. *Of precautions against ionising radiation and laser radiation*

No person shall undertake work in the University with ionising radiation or with material which produces significant amounts of ionising radiation or with laser radiation except with the approval of the head of the department concerned; and any person who undertakes such work, or who may, for other reasons, be subject to ionising radiation or laser radiation in the University, must co-operate and participate in the application of any scheme of monitoring or testing which the Radiation Protection Adviser and Head of the Radiation Protection Service may require, and must attend such course of instruction as the head of the department may require.

13. *Of safety regulations*

Students must abide by safety regulations, including those for the use of safety equipment or protective clothing.

14. *Of academic dress*

See *Calendar* Part 1.

15. *Of the arms of the University*

See *Calendar* Part 1.

ORDINANCE VII.
DEGREES IN MEDICINE AND SURGERY

1. The degrees in medicine and surgery shall be:
Bachelor of Medicine and Bachelor of Surgery (M.B., Ch.B.)
Master of Medical Science (M.Med.Sc.)
Master of Public Health (M.P.H.)
Master of Surgery (Ch.M.)
Master of Philosophy (M.Phil.)
Doctor of Philosophy (Ph.D.)
Doctor of Medicine (M.D.)

THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY

2. Candidates for the degrees of Bachelor of Medicine and Bachelor of Surgery must have:

(a) satisfied the requirements for entry upon a degree course as laid down by the Joint Matriculation Board of the Universities of Manchester, Liverpool, Leeds, Sheffield, and Birmingham.

(b) satisfactorily attended courses of instruction approved by the University and specified in the regulations. The scheme of study shall extend over five years.

(c) satisfied the examiners in the examinations.

3. All candidates for the degrees of Bachelor of Medicine and Bachelor of Surgery must have pursued the prescribed scheme of study in the University for not less than three academic years, except as provided in Ordinance XII.

4. The examinations and the times at which examinations are to be taken shall be defined by regulation and the subjects of examinations and of courses shall be as defined by the scheme of study.

5. Except with the special permission of the Senate, no candidate may present himself for examination in the fifth year after a period of more than seven academic years from the date of his entry into the scheme of study.

6. (a) Candidates who have satisfied the examiners in the examinations may be awarded:
(i) the degrees of Bachelor of Medicine and Bachelor of Surgery with honours
or (ii) the degrees of Bachelor of Medicine and Bachelor of Surgery

(b) The names of successful candidates in each group shall be arranged in alphabetical order. Distinction may be awarded in individual subjects in the examinations in the fourth and fifth years, or in other examinations as prescribed by regulation.

7. Except with the special permission of the Senate, a candidate who has not passed any examination at his first attempt, or whose progress has at any time been deemed by the

Board of the Faculty of Medicine to be unsatisfactory, shall not be eligible for the award of the degree with Honours.

(See also the regulations on pages 17–18.)

THE DEGREE OF MASTER OF MEDICAL SCIENCE

8. The degree of Master of Medical Science may be conferred, on payment of the proper fee, upon candidates who have fulfilled the requirements set out in the following paragraphs and the regulations and who have passed the prescribed examination.

9. Candidates must hold a degree or degrees which is or are medical qualifications as defined by the regulations for the degree.

10. Candidates for the degree of Master of Medical Science shall pursue and satisfactorily complete an approved scheme of advanced study or research which shall extend over a period of not less than one year of full-time study or two years of part-time study. In exceptional circumstances, the Board shall be empowered to reduce the minimum period of two calendar years of part-time study for the degree by research when the progress and quality of the candidate's research justify such a reduction, provided that no candidate shall be permitted to present for examination for the degree before the completion of one calendar year of study.

11. The names of candidates who have been approved for the award of the degree of Master of Medical Science shall be published in alphabetical order. In cases of outstanding merit the degree may, on the recommendation of the examiners, be awarded with distinction.

THE DEGREE OF MASTER OF PUBLIC HEALTH

12. The degree of Master of Public Health may be conferred, on payment of the proper fee, on candidates who have fulfilled the requirements set out in the following paragraphs and the regulations and who have passed the required examinations.

13. Candidates must have held for at least two years prior to commencing the scheme a degree which is a medical qualification as defined by the regulations for the degree.

14. Candidates for the degree of Master of Public Health shall normally pursue a scheme of study commencing in October and extending over not less than two academic years of part-time study or one calendar year of full-time study.

15. The names of candidates who have been approved for the degree of Master of Public Health shall be published in alphabetical order. In cases of outstanding merit the degree may, on the recommendation of the examiners, be awarded with distinction.

(See also the regulations on page 21.)

THE DEGREE OF MASTER OF SURGERY

16. The degree of Master of Surgery may be conferred upon Bachelors of Medicine and Bachelors of Surgery of the University of not less than five years' standing, subject to the conditions laid down in the following articles.

17. Each candidate shall present a thesis on an approved subject in surgery, or in some related field, provided that the work has an application to surgery. The thesis must be the work of the candidate and must embody the results of personal observations or of original research.

Original published work will be admissible in lieu of or in addition to a thesis specially written for the degree. Candidates may be required to appear for an oral examination on the subject matter of the thesis or the published work.

18. The names of candidates who have been approved for the degree of Master of Surgery shall be published in alphabetical order. In cases of exceptional merit the degree may, on the recommendation of the examiners, be awarded with distinction.

(See also the regulations on page 22.)

THE DEGREE OF MASTER OF PHILOSOPHY

[The degree of Master of Philosophy is governed by Ordinance X, articles 2 to 13 and the relevant regulations which are set out in the calendar, *Faculties of Arts and Economic & Social Studies*.]

THE DEGREE OF DOCTOR OF PHILOSOPHY

[The degree of Doctor of Philosophy is governed by Ordinance X, articles 14 to 21 and the relevant regulations which are set out in the calendar, *Faculties of Arts and Economic & Social Studies*.]

THE DEGREE OF DOCTOR OF MEDICINE

19. The degree of Doctor of Medicine may be conferred, subject to the conditions contained in the following articles, upon

(a) Bachelors of Medicine and Bachelors of Surgery of the University of not less than five years' standing

or

(b) Members of the academic staff of the University who have served for a continuous period of not less than five years, and who have held for a period of not less than five years a degree which is a registrable qualification in accordance with the provisions of the Medical Acts currently in force as defined by the regulations for the degree.

20. Candidates shall be required to present a thesis in any branch of medicine or medical science. The thesis shall be specially written for the purpose, and shall embody a critical account of original studies carried out by the candidate. Original published work may be submitted in lieu of or as part of the thesis.

21. The names of candidates who have been approved for the degree of Doctor of Medicine shall be published in alphabetical order.

(See also the regulations on pages 22–23.)

Regulations

THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY

1. Candidates for the degrees of M.B., Ch.B. are required to pursue courses and pass examinations as prescribed in the scheme of study approved by the Board of the Faculty of Medicine (hereinafter referred to as 'The Board of the Faculty').

2. Candidates must present themselves for such examinations and tests as may be prescribed in the scheme of study. They will not be permitted to so present themselves unless they have attended the prescribed instruction in the subject concerned to the satisfaction of the Head of the Department and the Dean of the Faculty of Medicine.

3. Except as otherwise provided for in these regulations, a candidate may not proceed to any part of the scheme of study until he has completed or been granted exemption from the course, examinations, and assessments of the preceding part.

4. A candidate may be granted exemption from courses and from examinations other than the statutory qualifying examination, provided that he spends not less than three academic years in the University except as provided in Ordinance XII.

5. The examinations for the first year of the course shall include such departmental or other examinations and tests, including a review of the progress of candidates, as the Board of the Faculty may approve from time to time.

Students whose progress is unsatisfactory may be required to sit a special written and oral examination in September. Candidates who do not satisfy the examiners in that examination may, on the recommendation of the Board of the Faculty, be required to withdraw from the scheme of study or exceptionally to repeat the first year.

6. The examinations for the second year of the course shall be in each of the following subjects: anatomy, biochemistry and physiology, together with such other departmental or other examinations or tests as the Board of the Faculty may approve from time to time. Passes with distinction may be awarded in one or more of the following: anatomy, biochemistry and physiology. Candidates who fail in one or more of these subjects at the first attempt may be permitted to re-sit in September the examinations in which they have failed to satisfy the examiners or may be required on the recommendation of the Board of the Faculty to withdraw from the scheme of study. Candidates who do not satisfy the examiners in September may, on the recommendation of the Board of the Faculty, be required to withdraw from the scheme of study, or exceptionally to repeat the second year.

7. The examinations taken during the third year shall be in each of the following subjects: microbiology, pathology, pharmacology, and man in society, together with such other departmental examinations or tests as the Board of the Faculty may approve from time to time. The results of these examinations shall be assessed in June when account shall also be taken of the work of candidates in the relevant subjects during the second-year course. Passes with distinction may be awarded in one or more of the following: man in society, microbiology, pathology, and pharmacology.

There shall be a review of the progress of candidates at the end of the academic year. Candidates who fail to satisfy the examiners in one or more of the subjects microbiology,

pathology and pharmacology shall be required to present themselves in September for re-examination in the subject or subjects in which they have so failed, by written, oral and practical tests. Candidates failing to satisfy the examiners in man in society shall be required to undertake up to four weeks of directed revision to the satisfaction of the heads of departments concerned before proceeding to the fourth year.

Candidates who do not satisfy the examiners in September, or whose progress in any other part of the third-year course including medicine or surgery has been deemed to be unsatisfactory, may, on the recommendation of the Board of the Faculty, be required to withdraw from the scheme of study, or exceptionally to repeat the third year.

8. The examinations taken during the fourth- and fifth-year courses shall together constitute the statutory qualifying examination. During the fourth year there will be written, oral and clinical examinations in obstetrics and gynaecology, in paediatrics, and in psychiatry, and during the fifth year there will be written, oral and clinical examinations in medicine and in surgery. In each of these five subjects candidates will not pass unless they satisfy the examiners in the clinical part of the examination. Passes may be awarded with distinction in the following subjects: obstetrics and gynaecology, paediatrics, psychiatry, medicine, surgery. During the fourth and fifth years there will also be a review of the progress of candidates, and such other forms of assessment as may be approved from time to time by the Senate on the recommendation of the Board of the Faculty. Students failing the examinations in obstetrics and gynaecology, paediatrics, or psychiatry will normally be required to devote part or all of their elective periods to attending further instruction before resitting the examinations. Exceptionally, students may be permitted to resit at the end of the term following the attachment in obstetrics. Candidates failing to satisfy the examiners in medicine or surgery or both on completion of the fifth year in June may be permitted, after having pursued such further study as may be required, to present themselves for re-examination in December.

9. Candidates who fail to satisfy the examiners in any examination must, before being admitted for re-examination, have pursued such further study as may be required by the Board of the Faculty on the recommendation of the Committee of Examiners.

10. A candidate who has failed to reach the required standard in any form of assessment approved by the Board of the Faculty may be required, on the recommendation of the assessors appointed by the Board of the Faculty, to repeat part or all of the course of study concerned.

11. The sessional and term dates for the third, fourth and fifth years shall be as approved from time to time by the Senate on the recommendation of the Board of the Faculty.

THE DEGREE OF MASTER OF MEDICAL SCIENCE (BY RESEARCH)

12. For admission candidates are required to hold a degree which is a primary qualification, as defined in Part II of the Medical Act 1983, or a degree which is deemed for this purpose to be an equivalent qualification.

13. Candidates accepted for the degree of Master of Medical Science by research shall be required:

(a) to be registered as students of the University

(b) to pursue to the satisfaction of the head of department concerned and under the supervision of a member of the academic staff of that department an approved scheme of research leading to the presentation of a thesis.

14. A full-time candidate must devote his whole time to the approved scheme of research, but if appropriate may be permitted by the Board of the Faculty of Medicine to undertake a limited amount of other work, provided that this would not interfere with the candidate's research.

15. The thesis must be written in English and must contain a critical account of the research carried out by the candidate; the literary presentation must be satisfactory.

16. The thesis must be accompanied by (a) a summary in a form suitable for publication and not exceeding 300 words, and (b) a declaration that the thesis is not substantially the same as any work submitted for a degree, diploma or any other qualification, at this University or elsewhere.

17. Candidates are required to submit three copies of the thesis, printed or typewritten in double line space with a 40 mm margin on the left-hand side and bound and lettered in standard form.

18. The top copy of the thesis approved for the degree shall be retained in the University library.

19. Except with the special permission of the Board of the Faculty of Medicine, every candidate shall submit the thesis within six weeks and complete the requirements for the degree within three months, of the end of the prescribed period.

20. The examiners may at their discretion excuse any candidate from the oral examination.

21. If a thesis is not considered by the examiners to be of a sufficiently high standard, the candidate may be granted permission by the Board of the Faculty of Medicine to resubmit the work in a revised form on one occasion only within three months of the examination and on the payment of an additional fee.

THE DEGREE OF MASTER OF MEDICAL SCIENCE IN CLINICAL PSYCHIATRY

22. For admission candidates are required to be medical practitioners, fully registered in accordance with the provisions of Section 10 or Section 19 of the Medical Act 1983, or having limited registration in accordance with the provisions of Section 22 of the Medical Act 1983.

23. Candidates who have passed the preliminary test for membership of the Royal College of Psychiatrists shall be eligible for exemption from the instruction and examination prescribed for the first year of the scheme of study and may be admitted directly to the second year of the scheme.

24. Candidates accepted for the degree of Master of Medical Science in Clinical Psychiatry shall be required:

(a) to be registered as students of the University

(b) to attend to the satisfaction of the head of the appropriate Department of Psychiatry such courses of instruction as the Senate, on the recommendation of the Board of the Faculty of Medicine, may require.

25. The scheme of advanced study approved for the purpose of the degree of Master of Medical Science in Clinical Psychiatry shall normally start each year in October, at the beginning of the academic session.

26. The examinations shall include written, clinical and oral examinations, and assessment of the dissertation. The examiners may at their discretion excuse any candidate from an oral examination.

27. The dissertation may not be presented by candidates until they have satisfied the examiners in the examination at the end of the second year of the scheme of study.

28. Except with the special permission of the Board of the Faculty of Medicine, every candidate for the degree of Master of Medical Science in Clinical Psychiatry shall be required to have completed all examination requirements for the degree by not later than twelve months after the expiry of the prescribed period of study; this period shall include the completion of any re-examinations required by the examiners.

29. Candidates who fail to satisfy the examiners in the first-year examination shall be permitted to present themselves for re-examination on one occasion only in the December immediately following the first attempt and shall be required to satisfy the examiners before being permitted to continue the course.

30. Candidates who fail to satisfy the examiners in the second-year examinations may be permitted, on the special recommendation of the examiners, to present themselves for re-examination on one occasion only in the December immediately following the first attempt.

31. A candidate who has failed in the first- or second-year examination for the degree of Master of Medical Science in Clinical Psychiatry shall be required before being admitted to re-examination to have pursued such further studies as may be required by the Senate on the recommendation of the examiners.

THE DEGREE OF MASTER OF MEDICAL SCIENCE IN GENERAL PRACTICE

32. For admission, candidates are:

(a) required to hold a degree that is
  (i) a primary qualification, *or*
  (ii) a recognised overseas qualification, *or*
  (iii) an acceptable overseas qualification
  as defined respectively in Sections 3, 19 and 22 of the Medical Act 1983;

(b) to be principals in General Practice or deemed to be of equivalent standing.

33. Candidates accepted for the degree of Master of Medical Science in General Practice shall be required:

(a) to be registered as students of the University

(b) to attend to the satisfaction of the head of the Department of General Practice such courses of instruction as the Senate, on the recommendation of the Board of the Faculty of Medicine, may require.

34. The scheme of advanced study approved for the purposes of the degree of Master of Medical Science in General Practice shall normally start each year in October, at the beginning of the academic session.

35. The examination shall include written, clinical and oral examinations. The examiners may, at their discretion, excuse any candidate from an oral examination.

36. The dissertation may not be presented by candidates until they have satisfied the examiners in the examination.

37. Except with the special permission of the Board of the Faculty of Medicine every candidate for the degree of Master of Medical Science in General Practice shall be required to present himself or herself for examination in the degree not later than twelve months after completion of his or her period of study.

38. Candidates who fail to satisfy the examiners may be permitted, on the special recommendation of the examiners, to present themselves for re-examination on one occasion only, not later than six months after the first attempt.

39. A candidate who has failed in the examination for the degree of Master of Medical Science in General Practice shall be required, before being admitted to re-examination, to have pursued such further studies as may be required on the recommendation of the examiners.

THE DEGREE OF MASTER OF SCIENCE

For the schemes of study leading to the degree of Master of Science in clinical psychology, medical physics, mental health social work, steroid endocrinology and clinical biochemistry, see calendar *Faculties of Science and Engineering*.

THE DEGREE OF MASTER OF PUBLIC HEALTH

40. For admission to Scheme A candidates are required to hold a degree which is a primary qualification, as defined in Part II of the Medical Act 1983, or a degree which is deemed for this purpose to be an equivalent qualification. For admission to Scheme B candidates are required to be medically qualified, from a developing country, and have at least three years' appropriate experience following primary qualification.

41. Candidates accepted for the degree of Master of Public Health shall be required:

(a) to be registered as students of the University

(b) to attend to the satisfaction of the head of the appropriate department such courses of instruction in the University as the Senate, on the recommendation of the Board of the Faculty of Medicine, may require.

42. Except with the special permission of the Board of the Faculty of Medicine, every candidate for the degree of Master of Public Health shall be required to present himself for examination for the degree not later than twelve months after the completion of his period of study.

43. A candidate who has failed in the examination for the degree of Master of Public Health may be permitted, on the special recommendation of the examiners, to present himself for re-examination in June or September on one occasion only. Any such candidate must, before being admitted to re-examination, have pursued such further studies as may be required by the Senate on the recommendation of the examiners.

THE DEGREE OF MASTER OF SURGERY

44. A graduate who wishes to be accepted as a candidate for the degree must apply to the Board of the Faculty of Medicine.*
He must submit:

(a) Documentary evidence that for at least three years since taking the degrees of Bachelor of Medicine and Bachelor of Surgery he has held appropriate training appointments in surgery at a recognized teaching hospital or similar institution and that he has acquired a satisfactory knowledge of the theoretical and practical aspects of surgery. Exceptionally, after consideration of the evidence submitted, the Board of the Faculty of Medicine may require an applicant to pass a qualifying examination in surgery which may be written, oral, clinical and practical.

(b) The title of the proposed thesis or published work, accompanied by a short outline (not exceeding 500 words) of the proposed or actual scope of the work and of the methods involved.

45. After being accepted and after the subject of the proposed thesis or published work has been approved by the Board of the Faculty of Medicine, a candidate must send to the Registrar an application to be examined, accompanied by three copies (printed or typewritten) of his thesis or published work, including illustrations. In the event of the degree being awarded, one copy of the thesis approved for the degree will be retained in the University library.

46. A candidate shall not be permitted to submit a thesis or published work for which a degree has already been conferred or which is under consideration for the award of a degree, in this or any other university; but he shall not be precluded from incorporating in his thesis any part of the work already submitted by him with a view to a degree for which he has been a successful candidate, provided that in his application he states his desire to do so and clearly indicates in due course the part of the work which has been so incorporated.

47. A candidate submitting work previously published under joint authorship shall be required to indicate to the satisfaction of the examiners his own share in the joint publication.

48. Applications must be made on a form to be obtained from the office of the Dean of the Faculty of Medicine, and must be accompanied by the prescribed examination fee.

THE DEGREE OF DOCTOR OF MEDICINE

49. Each candidate must submit the title of his thesis or published work for the approval of the Board of the Faculty of Medicine. The title must be accompanied by a short outline, typewritten double spaced on size A4 paper and not exceeding two pages in length, of the proposed or actual scope of the work and of the methods involved.

50. The thesis must be presented within five years of the date on which approval of the title and outline is granted, except with the prior permission of the Board of the Faculty.

51. The thesis must be written in English, and must contain a critical account of original

* Before making application to the Board of the Faculty of Medicine, such graduates are advised to consult one of the Professors of Surgery.

studies carried out personally by the candidate and make a significant contribution to knowledge; the literary presentation must be satisfactory.

52. Candidates are required to submit with the thesis a signed declaration either (a) that the work is his own, or (b) if he has been a member of a research group, that he has made a substantial contribution to its work, the extent of such contribution being fully and explicitly indicated, and (c) that the thesis is not substantially the same as any work that he may have submitted for a degree, diploma or any other qualification, at this or any other university.

53. Published work submitted in lieu of a thesis specially written for the purpose must be accompanied by a statement showing the relationship between the various parts of the work and placing the whole critically into perspective with the general state of knowledge in the field of investigation to which the candidate's researches are related.

54. Candidates may be required by the examiners to present themselves for an oral examination.

55. On the recommendation of the examiners that the thesis is of sufficiently high standard, the degree may be awarded. If the thesis is of exceptional merit the degree may, on the recommendation of the examiners, be awarded with distinction.

56. If the thesis is not considered to be of sufficiently high standard, then on the recommendation of the examiners, either (a) the thesis may be rejected, or (b) the candidate may be granted permission to re-submit the work in a revised form on one occasion only and on the payment of an additional fee.

57. To be eligible for the award of the degree, members of the academic staff of the University who are not Bachelors of Medicine and Bachelors of Surgery of the University are required to hold a degree which is a primary qualification as defined in Part II of the Medical Act 1983.

58. Candidates are required to send to the Registrar three copies of the thesis (printed, or typewritten in double line space with a 40 mm margin on the left-hand side, and bound and lettered in standard form), together with a completed form of application and the prescribed examination fee. Forms of application are obtainable from the office of the Dean of the Faculty of Medicine.

59. The top copy of the thesis approved for the degree will be retained in the University library.

Intending candidates are advised to discuss their proposals and work with the head of the department of the Faculty of Medicine most closely related to the subject of study. He will usually be able to suggest a person to whom the candidate may turn for advice on drawing up the proposed study and carrying it out. This person may or may not be in one of the University departments.

CERTIFICATE IN HEALTH VISITING

The scheme of study for this certificate extends over one calendar year. Candidates must have been recommended as suitable entrants to the course and must normally fulfil the following conditions.

(i) be over the age of twenty-one
(ii) be a State Registered Nurse or a Registered General Nurse
(iii) hold a midwifery certificate or have completed an approved course of obstetric nursing
(iv) possess a minimum of five passes at ordinary level of the General Certificate of Education or Scottish Certificate of Education at grades not less than or equivalent to C.

Candidates possessing in addition a relevant degree in for example nursing, sociology, psychology or social administration, may apply for a modified course extending over nine months instead of twelve.

THEORETICAL CONTENT OF THE COURSE

The course includes lectures, seminars, tutorials and discussions in the following:

(a) The normal range of human development and significant deviations

(b) An introduction to the concepts of sociology, with an analysis of the structure of society, and the forces that generate social change and influence individual behaviour

(c) The origins of social policy with emphasis on recent developments and current trends. Changes in social need. The use of community resources. Public expectations and attitudes

(d) Social factors involved in health and disease. The relationship between needs and service

(e) The development of health visiting as a profession. The function of health visiting in contemporary society and the knowledge and skills essential for its practice, including health education.

FIELD-WORK

Approximately one-half of the students' time will be devoted to practical work. This will include placement with a trained field-work teacher for health visiting practice, concurrent with the theoretical part of the course, and a further period of practical work, under supervision, during the summer vacation. The field-work will include visits of observation relevant to the course. All field-work is under the direction of the tutors to the course.

EXAMINATION

Candidates must pass in both parts of the examination, which includes written papers, oral examination, the assessment of three dissertations amounting in all to 12,000 words, and of practical work.

Candidates possessing a relevant degree may be granted exemption from one or more parts, as appropriate in each case, of the instruction and written papers.

PART I OF THE EXAMINATION

This is held in June and students are examined in the following subjects:

(a) Development of the individual
(b) The individual in the group
(c) Development of social policy
(d) Social aspects of health and disease
(e) Principles and practice of health visiting.

The examination is in the form of written papers and the assessment of essays. In addition, borderline candidates have an oral examination. The reports of the tutors, incorporating an assessment by the field-work teacher, are taken into consideration at this time.

PART II OF THE EXAMINATION

This shall be held in September (or in June for candidates following the modified course for graduates), following the period of supervised practical work, and includes:

(a) an oral examination based on practical work and on special studies which have been done during the course

(b) an assessment by the supervisor of the practical work done during the summer vacation

(c) the reports of the tutors.

The certificate may be awarded with distinction to candidates whose work is considered to be of outstanding merit.

Candidates who fail in the assessment of their field-work shall be required to undertake additional field-work and re-assessment before proceeding to Part II of the course.

Candidates who fail in not more than two written papers in Part I of the examination may be permitted to present themselves for re-examination in those papers on not more than two occasions. Any such candidates may on the recommendation of the examiners proceed with the course but must, before presenting themselves for re-examination, have pursued further studies as may be required on the recommendation of the examiners. Any candidate failing more than two papers will be required to resit all papers. Candidates are required to satisfy the examiners in all of Part I of the examination and in the assessment of field-work before taking Part II of the examination.

Candidates who fail to satisfy the examiners in Part II of the examination may on the recommendation of the examiners be permitted to present themselves for re-examination on one occasion only, and must, before presenting themselves for re-examination, have pursued such further studies as may be required on the recommendation of the examiners.

Last date of entry to June examination — 31 March.

The certificate for the course carries no title to a degree. Successful candidates will be eligible to register as health visitors with the United Kingdom Central Council for Nurses, Midwives and Health Visitors.

A form of application for admission to the course may be obtained from the Secretary, Department of Community Medicine, 32 Hyde Terrace, Leeds LS2 9LN.

Awards, Fellowships, Scholarships and Studentships

Centenary and Hardwick Awards

The awards are endowed by means of the fund collected on the occasion of the centenary of the School of Medicine and by the accumulations of the Hardwick and McGill prize funds; the annual income of this fund is used to provide awards to students or graduates of the University who propose to undertake some approved clinical investigation.

1. The value of an award will be assessed separately for each successful candidate but an award or awards of an approximate total of £1,000 will normally be made every year. Any accrued income will be carried forward so as to be available in the succeeding year.

2. Candidates must have been students of the University for at least three years and should be medically qualified or registered as clinical students for the M.B., Ch.B. degrees.

3. Each applicant must submit a detailed statement of the investigation or study which he proposes to undertake.

4. The awards will be made by the Senate on the recommendation of the Board of the Faculty of Medicine. Application should be made to the Secretary to the School of Medicine by 31 March.

CL Fund Scholarship

The scholarship was instituted in 1984 from the fund subscribed by former graduates and staff members on the occasion of the 150th anniversary of the founding of the Leeds School of Medicine.

1. The award will be made annually to support a student in the second or third years of the medical course intercalating a year to read for the degree of Bachelor of Science with honours. It will be made to the most meritorious student from among those accepted by departments for admission to an intercalated year.

2. Any student competing unsuccessfully for the award in the second year will not be eligible to be considered for the award in the third year.

3. The award will be made by the Senate on the recommendation of an interviewing panel, appointed by the CL Fund Advisory Group, consisting of the Dean of the Faculty of Medicine and the Chairman of the Board of the Faculty of Medicine, together with a hospital consultant, a General Practitioner representative and a member of the academic staff of the School of Medicine nominated by the Board of the Faculty of Medicine.

4. The value of the award will include the academic and student union fees for the year together with a maintenance grant of not less than £1,000, the amount to be determined annually taking account of the available income and the circumstances of the scholar.

Diagnostic Radiology Awards

The awards were instituted in 1976, from funds made available by the Department of Radiodiagnosis, to encourage the study of diagnostic radiology.

1. The awards will be open to undergraduate and postgraduate students in the Faculty of Medicine who wish to undertake research or investigation into topics related to diagnostic radiology or involving radiological techniques.

2. The awards will be made by the Senate on the recommendation of the Board of the Faculty of Medicine.

3. The value of the award shall be assessed separately for each successful candidate, but an award, or awards, of an approximate total value of £150 will normally be made every year. Any accrued income will be carried forward so as to be available when an award is next made.

4. Applications for an award should be made to the Secretary to the School of Medicine, normally before 31 March each year.

Durward Travelling Studentship

The studentship was instituted in 1966. It was endowed by means of a fund subscribed by past students, colleagues and friends of Professor Archibald Durward, to commemorate his outstanding services to the University during his tenure of the chair of anatomy from 1936 until his death in 1964.

1. The studentship is intended to assist a medical, dental or anatomy graduate of the University of Leeds to study, or attend conferences in, anatomy or some subject closely related to anatomy, in an approved centre other than Leeds, either in the United Kingdom or abroad, by providing additional funds.

2. The studentship will be awarded by Senate on the recommendation of the Board of the Faculty of Medicine.

3. The studentship will derive from the interest of the endowment fund, and the amount and the frequency with which it is awarded may be varied as is deemed appropriate. Any accrued income shall be carried forward so as to be available when a studentship is next awarded.

4. Applications should be made to the Secretary to the School of Medicine by 31 March.

Stella Erdheim Travelling Fellowships

The fellowships were instituted in 1984 from the residuary estate of Dr J. E. E. Eadham, M.B., Ch.B., Leeds, 1926, in memory of his mother and in token of her devotion to her children.

1. The purpose of the fellowship or fellowships is to provide funds to enable successful candidates to spend up to a year at a centre of medical teaching or research, outside Leeds, preferably abroad.

2. The fellowships are open to past students and members of the staff of the School of Medicine who have obtained a registrable medical qualification not less than two nor more than six years before 1 October in the year of award.

3. The fellowships will be awarded by the Senate on the recommendation of the Board of the Faculty of Medicine.

4. Applications should be made to the Secretary to the School of Medicine by 31 March and must include a detailed statement of the proposed study or research together with a letter of acceptance from the head of the department in which the study will be done and a statement of the financial arrangements proposed.

5. The amount of any award shall take account of the qualifications and experience of the candidate and will normally cover estimated travelling expenses together with an appropriate contribution to maintenance costs such that the total of support available to the fellow does not exceed the annual salary of a third-year registrar in the NHS.

Mr and Mrs Herbert Vandrell Evans Scholarship

The scholarship was established in 1985 having been endowed by the sum of £5,000 from the will of Mrs Florence Maud (Rosetta) Evans for the support of an approved project in neurology or neurophysiology or in a related field which may involve advanced study or research or travel for these purposes.

1. The award of the value of £600 will be made in alternate years, provided that there is a suitable candidate, by the Senate on the recommendation of the Board of the Faculty of Medicine.

2. Candidates must be registered students or graduates of the University or members of staff under the age of 32 at the time of application.

3. Applications must be made to the Secretary to the School of Medicine by 31 March in the year of the award and shall include a concise statement of the proposed study, evidence of acceptance by the appropriate institution, and a note of the purposes for which the award will be used.

4. In the event of there being no suitable candidate the accrued income may be added to the capital of the fund.

Legg Travelling Studentship

The Legg travelling studentship was founded in 1948 by a gift of £2,000 from the trustees of the late Mr Thomas Legg, made in memory of his association with the School of Medicine of the University of Leeds.

1. Awards will normally be made in every third year. The first award was made in 1952. If no candidate is regarded as of sufficient merit, no award shall be made and the studentship shall be offered in the following year. Any accrued income may be added to the capital funds of the studentship.

2. The studentship is tenable for six months during which the holder will study at one or more approved centres other than Leeds either in this country or abroad.

3. The studentship will normally be awarded only to candidates who have held a registrable medical qualification for not less than two years and not more than seven years at the time of the award.

4. Candidates must be holders of an appointment of demonstrator in the School of Medicine in the University of Leeds or holders of an appointment of registrar in one of the teaching hospitals associated with the University or holders of an appointment of similar status elsewhere, provided that they have been students of the University for a period of not less than three years.

5. Other things being equal, preference will be given to applicants wishing to undertake advanced study or research in one of the clinical branches of medicine.

6. The studentship will be awarded by the Senate on the recommendation of the Board of the Faculty of Medicine.

7. Applications should be made to the Secretary to the School of Medicine by 31 March.

MIA Charity Elective Awards

The awards are endowed by a major donation made in 1982 by the trustees of the Medical Insurance Agency Charity to celebrate 75 years of insurance and financial service by the MIA to the medical profession.

1. The awards will be made by the Senate on the recommendation of the Dean of the Faculty of Medicine.

2. Applicants must be registered students of the University in the fourth year of the M.B., Ch.B., course whose approved elective plans include overseas travel.

3. Provided that suitable applications are received, one or two awards will be made within the available sum of £500. Any unallocated balance will accumulate in the fund.

4. Each application must include a brief statement of the nature and aims of the proposed elective, together with an estimate of total costs involved and of the source of any other award or assistance available to the candidate. An award will not normally be made to the holder of any other major award.

5. Successful applicants will be expected to write a report on activities undertaken during the elective period, for submission to the trustees of the Charity.

6. Applications in writing must be received by the Dean of the Faculty of Medicine by not later than 30 April.

McLeod Award

The award is endowed by means of a gift made in 1979 by Mrs McLeod in memory of the late J. W. McLeod, Professor of Bacteriology at this University from 1922 to 1952; the annual income of about £1,000 is used to provide awards to students of the University who propose to undertake an approved investigation in the Department of Microbiology or who wish to spend an elective period in the Department. In addition a sum not exceeding £50 a year will be made available to make purchases for the departmental library.

1. Normally one or two awards will be made each year; the value of an award will be assessed separately for each successful candidate.

2. Candidates must be students of the University, registered for the degrees of M.B., Ch.B., who are in the second or a subsequent year of the course.

3. The awards will be made by the Senate on the recommendation of the Board of the Faculty of Medicine. Application should be made to the Secretary to the School of Medicine by 31 March.

4. Each year any unexpended balance will be added to the capital.

Medical Sickness Society Travel Scholarships

The scholarships were instituted in 1986 by means of a covenanted donation from the Medical Sickness Annuity and Life Assurance Society Limited.

1. One or two awards will be made each year to assist fourth year medical students of the University with the cost of travel during their approved elective periods of study. Preference will be given to applications from students whose elective is not seen to be analogous to a normal clinical clerkship and who intend to spend the whole period on one endeavour.

2. The value of the awards made in any one year will normally not exceed £500.

3. The award will be made by the Senate, on the recommendation of the Dean of the Faculty of Medicine, to whom applications should be submitted by 30 April.

4. The holder of each scholarship will be required at the end of the elective period of study to make a report through the Dean of the Faculty of Medicine to the Directors of the Medical Sickness Society. Such reports, submitted by students at medical schools throughout the country, will be eligible for consideration by the Society for an annual award for the best elective report of a prize of £100 to the student and of £1,000 to the medical school for the benefit of its students.

Lady Moynihan Awards

The awards are endowed by means of a fund provided in 1939 by the family of the late Lord and Lady Moynihan in memory of Isabella Wellesley, Lady Moynihan of Leeds; the annual income of this fund is used to provide awards to students or graduates of the University who propose to undertake some approved clinical investigation.

1. The value of an award will be assessed separately for each successful candidate but an award, or awards, of an approximate total value of £400 will normally be made every year. Any accrued income will be carried forward so as to be available in the succeeding year.

2. Candidates must have been students of the University for at least three years and should be medically qualified or registered as clinical students for the M.B., Ch.B. degrees.

3. Each applicant must submit a detailed statement of the investigation or study which he proposes to undertake.

4. The awards will be made by the Senate on the recommendation of the Board of the Faculty of Medicine. Application should be made to the Secretary to the School of Medicine by 31 March.

Dora Ratcliff Awards

The awards are provided from income from a bequest made to the University in 1977 by Mrs Dora G. Ratcliff for the benefit of the Faculty of Medicine. Awards are made to assist medical students with the costs of travel for approved elective periods spent abroad in the fifth year.

1. The awards will be made by the Senate on the recommendation of the Dean of the Faculty of Medicine.

2. Applicants must be registered students of the University in the fourth year of the M.B., Ch.B. course.

3. The value of an award will be assessed separately for each successful applicant taking account of the total cost of travelling and other resources available to the student.

4. Applications including a full statement of the estimated costs of travel must be made to the Dean of the Faculty of Medicine not later than 31 May, on forms available from the Medical School office.

5. Awards are made in connection with specific approved electives and except with the prior approval of the Dean are returnable to the Fund should the approved elective be amended.

Emma and Leslie Reid Fellowship and Studentship

The fellowship and studentship have been established with a sum of money bequeathed to the University in 1965 by Mrs Emma Reid, and are named after the donor and her son, Leslie Reid.

Fellowship

1. The fellowship will be awarded by the Senate, on the recommendation of the Board of the Faculty of Medicine, to someone qualified to prosecute research in connection with diseases of the heart or brain (or kindred diseases), and may be held for up to three years.

2. Candidates should have demonstrated their capacity for research, for example by the award of the degree of Ph.D. or M.D. in a relevant field, but in special circumstances the holder of a good honours degree in science or of a degree in medicine will be considered.

3. Applications must be accompanied by a statement from the head of the department in which it is proposed that the research shall be carried out confirming the suitability of the project and the availability of the necessary resources.

4. The holder of the fellowship will undertake to spend the whole of his or her time in study and research within the University.

5. The value of the award shall be on the appropriate point on the relevant salary scale depending on the qualifications of the holder.

6. The fellowship will be advertised from time to time and applications should be made to the Registrar.

Studentship

8. The studentship will be awarded by the Senate, on the recommendation of the Board of the Faculty of Medicine, and may be held for up to three years.

9. The holder of the studentship must have a good honours degree in science or a degree in medicine, and shall be required to prosecute approved research in connection with diseases of the heart or brain (or kindred diseases).

10. Applications from graduates or those about to graduate must be accompanied by a statement from the head of the department in which it is proposed that the research shall be carried out confirming the suitability of the project and the availability of the necessary resources.

11. The holder of the studentship shall undertake to spend the whole or substantially the

whole of his or her time in study and research within the University: permission may be given for up to six hours per week (or two clinical sessions) to be devoted to approved teaching or clinical work.

12. The value of the studentship will be equivalent to that of a Medical Research Council postgraduate award.

13. The studentship will be advertised in the spring term as funds allow and applications should be made to the Secretary to the School of Medicine.

Roussel Laboratories Limited Elective Award

The award was established in 1985 by Roussel Laboratories Limited.

1. The value of the award is £300.

2. The award will be made each year to a fourth year medical student of the University, whose approved elective proposal includes a significant element of project work.

3. The award will be made by the Senate, on the recommendation of the Dean of the Faculty of Medicine, to whom applications should be submitted by 30 April.

4. It is a condition of acceptance of the award that the prize winner shall visit the Medical Department of Roussel Laboratories Limited, to give a presentation of a report on the elective.

Maurice Sherwin Award

The award was endowed in 1980 by a gift from Mrs Rachel Sherwin in memory of her late husband, Dr Maurice Sherwin, who graduated from this University with a degree in medicine in 1920 and a degree in law in 1938, to provide assistance to medical students of the University in connection with their elective periods.

1. The value of the award is approximately £80.

2. Candidates must be fourth-year medical students of the University who are in need of financial assistance, to enable them to undertake a programme of work approved by the Dean of the Faculty of Medicine for the elective period.

3. The award will be made by the Senate, on the recommendation of the Dean of the Faculty of Medicine, to whom applications should be submitted by 30 April.

Thorp Awards in forensic medicine and public health

The annual income of the Thorp fund instituted by Dr Disney L. Thorp, one of the founders of the Leeds School of Medicine, is used to provide awards to students or graduates of the University who propose to undertake an approved investigation of some subject bearing upon forensic or community medicine.

1. The value of the award will be assessed separately for each successful candidate but an award or awards of an approximate total of £800 will normally be made every year. Any accrued income will be carried forward so as to be available in the succeeding year.

2. The awards will be made by the Senate on the recommendation of the Board of the Faculty of Medicine.

3. Candidates must have been students of the University for at least three years and should be medically qualified or registered as clinical students for the M.B., Ch.B. degrees.

4. Applications should be made to the Secretary to the School of Medicine by 31 March.

William Hainsworth Whitehead Travelling Scholarship

The scholarship was instituted in 1981 to further research into such aspects of medical theory and practice as the Faculty of Medicine shall determine.

1. Provided that there is an application of sufficient merit the scholarship will be awarded to support a visit to another research centre in connection with a specific research project. Applicants should normally be junior members of the academic or research staff of the University.

2. The award will be made by the Senate on the recommendation of the Board of the Faculty of Medicine.

3. The value of the scholarship is £150. It will be awarded in alternate years beginning in 1982.

4. Applications should be made to the Secretary to the School of Medicine by 31 March in the year of award, stating the purpose for which the scholarship is intended and including a supporting statement from the head of department.

Yorkshire Kidney Research Fund Scholarships

The Yorkshire Kidney Research Fund has established four scholarships each to the value of £250 to encourage study and interest in renal diseases.

1. The award shall be open to undergraduates in the Faculty of Medicine who wish to undertake research or investigation into any clinical or basic science study of the kidney or kidney diseases.

2. The awards shall be made by the Yorkshire Kidney Research Fund and may be used for study in the United Kingdom or abroad.

3. Each applicant must submit outline of the proposed study and also confirmation from the Head of the Department where the study is to be undertaken. An account of the outcome of the study must be submitted to the Yorkshire Kidney Research Fund at the completion of the study.

4. Applications for the award should be made to Secretary, Yorkshire Kidney Research Fund, c/o Department of Renal Medicine, St James's University Hospital, normally before 31 March each year

Prizes

Birkett Prize

The prize, of the value of about £20, is awarded annually after a report from the examiners for the second year of the prescribed scheme of study for the degrees of Bachelor of Medicine and Bachelor of Surgery to the candidate who is placed *proxime accessit* to the candidate or candidates awarded the Infirmary prize.

David Currie Prize

The prize was established in 1980 with funds presented in memory of David W. Currie, Senior Clinical Lecturer in Obstetrics and Gynaecology from 1948 to 1968, by members of his family.

1. The prize, of the value of £100, will be awarded in alternate years, provided there is a candidate of sufficient distinction, for proficiency in gynaecology as judged by evidence of research publications or surgical skill.

2. It is open to trainees in the specialty who, within the preceding two years, have held an appointment of Senior Registrar or Registrar, or Lecturer or Tutor, in obstetrics and gynaecology in a university department or a hospital in the Yorkshire Region of the National Health Service. Alternatively nominations may be made by consultant obstetricians and gynaecologists in the Region of eligible junior staff from their units.

3. The prize will be awarded by the Senate, on the recommendation of the Board of the Faculty of Medicine advised by a group, appointed by the Board, comprising the professors of Obstetrics and Gynaecology and two senior hospital consultants in the specialty. It will be awarded in alternate years beginning in 1981.

4. Applications for the prize, accompanied where appropriate by copies of research publications, must be submitted to the Dean of the Faculty of Medicine by 30 April in the year of award.

Fattorini Prize in clinical psychiatry

The Fattorini prize was established in 1961, by Mr J. Fattorini, *M.B.E.*, *T.D.*, J.P., a member of the Leeds Regional Hospital Board.

1. Provided there is a candidate of sufficient merit, the prize, of the value of £160, is awarded annually by the Senate on the recommendation of the examiners in psychiatry for the degrees of M.B., Ch.B.

2. In the event of there being two or more candidates of equal merit the prize will be divided.

Paul Fitton Prize in anaesthesia

The prize was instituted in memory of Edward Paul Fitton, M.B., Ch.B., F.F.A.R.C.S., clinical lecturer in the Department of Anaesthesia, who died in 1970. Its purpose is to encourage the study of anaesthesia by undergraduate medical students.

1. The value of the prize is £40.

2. The prize is awarded annually by the Senate on the recommendation of the head of the Department of Anaesthesia for an essay, the subject and date of submission to be announced annually. Candidates must have satisfactorily completed the clerkship in anaesthesia at the time of submission.

3. If no candidate reaches a sufficiently high standard in any one year no award will be made.

4. A second award may be made when sufficient monies accumulate in the fund.

James and Mabel Gaunt Prize in paediatrics

Dr Maria Lambert Beldon, a graduate of the University who died in 1954, bequeathed the sum of £500 to the University to endow a prize in paediatrics, to be known as the James and Mabel Gaunt prize, the prize to be awarded to the best student of the year in paediatrics.

1. The value of the prize is approximately £60.

2. The prize will be awarded annually by the Senate on the recommendation of the examiners for the degree examination in paediatrics.

3. If in any year there is no candidate of sufficient merit the prize will not be awarded.

Max Hamilton Prize in clinical psychiatry

The prize was instituted in 1983 in honour of Emeritus Professor Max Hamilton, Nuffield Professor of Psychiatry in the University from 1962 to 1977.

1. The value of the prize is approximately £100.

2. Provided there is a candidate of sufficient merit the prize will be awarded annually by the Senate on the recommendation of the examiners who will be the head of the Department of Psychiatry, the external examiner for the degree of Master of Medical Science in Clinical Psychiatry and senior members of the Department of Psychiatry as appointed by the head of the Department.

3. The prize will be awarded for the best dissertation submitted by a candidate for the degree of Master of Medical Science in Clinical Psychiatry.

4. In the event of there being two or more candidates of equal merit the prize will be divided.

Hardwick Prize in clinical medicine

The prize was founded in 1865 with subscriptions raised among friends of the late Dr Robert George Hardwick, an active member of the Council of the Leeds School of Medicine from 1861 to 1864.

1. The prize of the approximate value of £75, is awarded annually on the results of an examination. Candidates who satisfy the examiners in the written paper will be required to take a clinical and oral examination in addition.

2. Candidates must have been students in the School of Medicine of the University of Leeds for not less than eight terms. Candidates must be students in the final year in the scheme of study for the degrees of M.B., Ch.B.

3. The examiners for the prize will be one of the professors of Medicine together with a physician nominated after consultation with the two professors of Medicine.

Hillman Prize in clinical medicine

Under the will of the late Dr G. B. Hillman the University received in 1932 a legacy of £1,000 for the establishment of a prize to be known as 'The Hillman Prize in Clinical Medicine'.

1. The prize of the value of approximately £200, will be awarded annually in June for the best dissertation submitted on a medical subject chosen by the candidate.

2. Candidates must normally have taken the whole of the clinical course in Leeds and be in the final year or have obtained a medical qualification within the preceding twelve months.

3. The dissertation should be illustrated by case notes. The candidate need not confine himself to cases which were assigned to him during his period of clerkship or under his care as house physician but the notes must be written by the candidate himself and record his personal observations. The notes should include details of the patient's progress in hospital and after discharge from hospital. The dissertation, which should be in typescript, must not normally exceed a total of 5,000 words and should be submitted to the Dean of the Faculty of Medicine by 15 April.

Imperial Chemical Industries Ltd Prize in pharmacology

The prize was instituted in 1972 by Imperial Chemical Industries Ltd, Pharmaceuticals Division.

1. The value of the prize is £50.

2. The prize may be awarded annually by the Senate on the recommendation of the head of the Department of Pharmacology, to a student in any scheme of study completing the pre-final course in pharmacology.

3. The prize will be given for the best overall performance taking into account course work, set essays on pharmacological topics and examination results.

4. In the event of there being two or more candidates of equal merit the prize will be divided.

5. If in any year no candidate is considered to be of sufficient merit the prize will not be awarded.

Infirmary Prize

This prize was originally founded as a scholarship in 1888 by the Faculty of the General Infirmary at Leeds.

1. It is of the value of approximately £75.

2. The prize is awarded by the Senate after a report from the examiners for the second year of the prescribed scheme of study for the degrees of Bachelor of Medicine and Bachelor of Surgery of the University.

John Ingram Prize in dermatology

The prize was instituted in 1974 and is endowed by means of an anonymous gift made in 1972 by a past student, to honour the memory of the late John T. Ingram, senior clinical lecturer in dermatology from 1927 to 1959.

1. The prize of about £50 will be awarded annually by the Senate on the recommendation of the Board of the Faculty of Medicine on the results of a clinical and oral examination in dermatology held during the summer term. The prize will not be awarded unless a sufficient standard has been reached.

2. Candidates must be students in the fourth and fifth years of the scheme of study leading to the degrees of M.B., Ch.B. of the University of Leeds.

Jamieson Medal and Prize in practical anatomy

In 1949 Dr John G. Jamieson and Miss Barbara Jamieson presented to the University the sum of £100, to which was added the sum of approximately £750 subscribed by friends, to provide a medal in memory of Professor J. Kay Jamieson, professor of anatomy in the University of Leeds from 1910 to 1936.

1. The medal will be awarded by the Senate annually in June on the recommendation of the professor of anatomy, to the student with the best record in practical anatomy during the period spent during the first two years of the prescribed scheme of study for the degrees of Bachelor of Medicine and Bachelor of Surgery.

2. In addition the student to whom the medal is awarded will receive a prize of approximately £100.

Kullavanijaya Prize and Medal

In 1986 Associate Professor Pinit Kullavanijaya, MB ChB Leeds 1965, Assistant Director of Chulalongkorn University Hospital, Bangkok, Thailand, made a gift to the University to endow a prize and medal in obstetrics, gynaecology and paediatrics.

1. The prize and medal will be awarded annually, provided that there is a candidate of sufficient merit, by the Senate on the recommendation of the Dean of the Faculty of Medicine to the candidate for the degrees of MB ChB who achieves the highest combined mark in the examinations in that session in obstetrics and gynaecology and paediatrics.

2. The value of the prize will be £100.

Littlewood Prize in anatomy

The late Colonel H. Littlewood, formerly professor of surgery in the University, bequeathed a legacy of £1,000 to be applied for providing a prize in the Department of Anatomy every year or in alternate years.

1. The prize will be awarded by the Senate on the recommendation of the head of the Department of Anatomy for an essay, the subject to be announced before the end of April each year. Essays should be submitted not later than the last day of June. Candidates must

be in their second year of the scheme of study leading to the degrees of Bachelor of Medicine and Bachelor of Surgery.

2. The prize will not be awarded unless a sufficient standard is reached.

William MacAdam Prize in medicine

The prize was instituted in 1974 and is endowed by means of an anonymous gift made in 1972 by a past student in honour of Emeritus Professor William MacAdam, Professor of Medicine in the University of Leeds from 1937 to 1946.

1. The prize of about £15 will be awarded by the Senate, on the recommendation of the Board of the Faculty of Medicine, for the best formal essay submitted as part of the requirement for the final examination in medicine.

2. The prize will not be awarded unless a sufficient standard is reached.

McGill Prize in surgery

A sum of approximately £315 collected as a memorial to Professor A. F. McGill was accepted by the Yorkshire College in 1892 and applied as part of the medical school building fund. At the same time it was decided to set aside a sum of £40 annually for the award of McGill prizes.

1. The prize of about £50 is awarded annually by the Senate in June, after a report from the examiners for the final M.B., Ch.B. examination in surgery.

2. Candidates must be students in the final year in the scheme of study for the degrees of M.B., Ch.B.

Masser Prize in medicine

The prize was instituted in 1975 in memory of Dr Matthew Max Masser, a graduate of the University.

1. The prize is awarded annually by the Senate on the recommendation of the Committee of Examiners for the final M.B., Ch.B. examination.

2. The value of the prize is £75.

3. The prize will be awarded to the student in the School of Medicine who, in his final year of study for the degrees of M.B., Ch.B., achieves the best academic performance in the final examination in medicine.

4. If in any year there is no candidate of sufficient merit the prize will not be awarded.

Michael Norcross Prize in pathology

The prize was instituted by a gift made to the University by Mrs Norcross, in memory of Dr Michael Norcross, a graduate of the University and trainee registrar in pathology who died in 1970.

1. The prize, of the value of £50, will be awarded in alternate years beginning in the session 1974–75 for the best dissertation on the natural history, pathology and causation of malignant disease of lymphoid tissues.

2. Candidates must be undergraduate medical students of the University of Leeds or have obtained a medical qualification from this University within the preceding twelve months.

3. The dissertation shall take the form either of an original essay or an original case history study normally of about 5,000 words but not to exceed 10,000 words. It should be in typescript and should be submitted to the Dean of the Faculty of Medicine by 31 March.

Sheila Mary Orrock Prize

In 1986 Mrs Sheila Mary Orrock left to the University a sum of £200 to endow a prize to be awarded for an essay on doctor–patient relationships.

1. The prize of a value of £20 will be awarded in alternate years, provided that there is a candidate of sufficient merit, by the Senate on the recommendation of two examiners appointed by the Board of the Faculty, one of whom is to be a member of one of the Departments of Medicine and the other a member of the Department of Community Medicine or the Department of Psychiatry or another clinical department. The names of the two departments from which the examiners will be drawn will be announced in the first term of each session in which the prize is available.

2. Candidates must be undergraduate medical students of the University or have obtained a medical qualification from it within the preceding twelve months.

3. Each essay submitted shall be on a topic concerned with doctor–patient relationships and should not normally exceed 5,000 words. Essays in typescript must be submitted to the Dean of the Faculty of Medicine by 1 July.

Pearce Prize in neurophysiology

The prize was instituted in 1966 for the encouragement of the study of neurophysiology by a gift made to the Department of Physiology by Dr Pearce of the City of Leeds. The prize is of the value of approximately £40 and will be used for the purchase of books.

1. The prize will be awarded by the Senate on the recommendation of the head of the Department of Physiology for the best performance in the neurophysiological part of the course work and prescribed examination in physiology.

2. The prize will not be awarded unless a sufficient standard has been reached.

Cyril Polson Prize

The prize was instituted in 1980 by an endowment from Emeritus Professor C. J. Polson, Professor of Forensic Medicine at this University from 1947 to 1969.

1. The value of the prize will be at least £25.

2. The prize will be awarded annually by the Senate, on the recommendation of the Board of the Faculty of Medicine, on the result of the examination in forensic medicine taken in the third year of the course for the degrees of M.B., Ch.B., to the candidate who has attained the highest marks and is of sufficient merit.

3. Any excess of income from the endowment may be used either to augment the value of the prize, or to permit the award of two such prizes.

Dora Ratcliff Prize

The prize was instituted in 1981 from a bequest to the University by Mrs Dora G. Ratcliff for the benefit of the Faculty of Medicine.

1. The value of the prize is £75.

2. Provided a sufficient standard has been reached the prize will be awarded annually by the Senate on the recommendation of the Dean of the Faculty of Medicine for the best report on the elective period in the fifth year submitted by a medical student in accordance with the requirements of the scheme of study.

3. Reports to be considered for the prize must be in typescript, not normally in excess of 5,000 words and must be submitted to the Dean of the Faculty of Medicine by 31 January following the elective.

4. In the event of two or more reports being of equal and sufficient merit the prize will be divided.

Scattergood Prize in obstetrics and gynaecology

The prize was instituted in memory of Thomas Scattergood, M.R.C.S., the first Dean of the medical department in the Yorkshire College.

1. Candidates must be students in the School of Medicine of the University of Leeds.

2. The value of the prize, which consists of books or instruments, is approximately £20.

3. The prize will be awarded annually by the Senate on the recommendation of the examiners for the degree examinations in obstetrics and gynaecology held during the preceding session.

Shuttleworth Prize in anatomy

Under the will of the late Dr Doris Kathleen Simpson the University received in 1984 a legacy for the establishment of a prize to be known in memory of her father as the Shuttleworth Prize in Anatomy.

1. The prize, of the value of £30, will be awarded annually by the Senate on the recommendation of the examiners in anatomy to the student who achieves the best overall result in the anatomy examinations held during the second year of the scheme of study for the degrees of M.B., Ch.B. provided that there is a candidate of sufficient merit.

F. W. Spiers Prize in medical physics

Professor Spiers, on his retirement in 1972, presented to the University the sum of money which had been subscribed as a testimonial fund to commemorate his service to the University.

1. The interest from the fund will be used to provide a prize of approximately £50 to be spent on the purchase of books, the prize to be awarded normally every second year.

2. The prize will be awarded by the Senate, on the recommendation of the head of the Department, to the postgraduate student in the Department of Medical Physics showing most promise in his studies.

3. If no candidate is of sufficient merit, the prize will not be awarded and the interest will be allowed to accumulate.

Matthew Stewart Prize in pathology

The prize was instituted in 1974 and is endowed by means of an anonymous gift made in 1972 by a past student to honour the memory of the late Emeritus Professor Matthew J. Stewart, Professor of Pathology in the University from 1918 to 1950.

1. The value of the prize is £75.

2. The prize will be awarded annually by the Senate on the recommendation of the Board of the Faculty of Medicine for the best performance in the examinations in pathology during the second and third years.

3. If in any year there is no candidate of sufficient merit the prize will not be awarded.

William Sutcliffe Prize in community medicine

The prize was established in 1983 with funds presented in memory of Dr W. M. Sutcliffe, Senior Lecturer in Community Medicine from 1967 to 1982, by N.H.S. and University colleagues.

1. The prize, of the value of approximately £35, will be awarded annually, provided there is a candidate of sufficient distinction, for proficiency in community medicine as judged by evidence of research in relevant fields.

2. The prize is open to candidates who at the time of application hold an appointment of Senior Registrar or Registrar in community medicine in the Yorkshire Region of the National Health Service or who were awarded the degree of Master of Public Health in the previous session or who are currently studying for the degree of Master of Public Health.

3. The prize will be awarded by the Senate, on the recommendation of the Board of Faculty of Medicine advised by a group, appointed by the Board, comprising the Professor of Community Medicine, another academic member of the Department of Community Medicine and two community physicians in the Yorkshire Region (nominated by the Adviser of the Faculty of Community Medicine).

4. Applications for the prize, accompanied by copies of research reports, must be submitted to the Dean of the Faculty of Medicine by 30 April in the year of award.

Charles Turner Thackrah Prize in community medicine

The prize was instituted in 1981.

1. Provided there is a candidate of sufficient merit the prize will be awarded annually on the result of the examination in community medicine taken in the third year of the course for the degrees of M.B., Ch.B.

2. The award will be made by the Senate on the recommendation of the Board of the Faculty of Medicine.

3. The value of the prize is £25.

4. In the event of there being two or more candidates of equal merit the prize will be divided.

Tomlin Prize in ophthalmology

Mrs A. Tomlin in 1960 presented a sum of £100 to the University to endow a prize in ophthalmology in memory of Herbert Tomlin, M.D., a graduate of the University.

1. The prize, of the value of approximately £15, will be awarded annually by the Senate on the recommendation of the Board of the Faculty of Medicine on the result of an examination. Candidates who satisfy the examiners in the written paper will be required to take a clinical and oral examination in addition, provided that no award may be made in any year unless a sufficiently high standard is attained.

2. Candidates must be students in the fourth or fifth years of the scheme of study reading for the degrees of M.B., Ch.B. of the University of Leeds.

Waddington Prize in anatomy

The prize was instituted in 1944 by the relatives of George and Guy Waddington who had bequeathed their bodies for dissection in the Department of Anatomy. It will be awarded annually and will take the form of books awarded to that student of the first medical year anatomy class who in the opinion of the professor of anatomy has shown most promise in his studies.

Edward Ward Memorial Prize in surgical anatomy

The Edward Ward memorial prize in surgical anatomy of the value of approximately £50 is awarded annually on a competition held under the following conditions.

1. The examiners for the prize will be the heads of the Departments of Anatomy and Surgery, and one other member of the University staff to be appointed by the Board of the Faculty of Medicine.

2. The examination will be held in the final year in the scheme of study for the degrees of Bachelor of Medicine and Bachelor of Surgery and will consist of a written paper.

3. Students are eligible irrespective of the qualifications for which they are working, and must be in their final year, but due allowance will be made for those whose course has been extended by extra courses for the degree of Bachelor of Science or for some other reason satisfactory to the Board of the Faculty.

West Riding Panel Practitioners' Prize

The prize, of the value of approximately £150, is awarded annually on the result, in medicine only, of the final examinations for the degrees of Bachelor of Medicine and Bachelor of Surgery in each calendar year, provided that students who are working for other qualifications and are otherwise eligible be allowed to compete, and provided that the candidate obtaining the highest number of marks is deemed by the examiners to have attained a standard worthy of the award. Candidates must have received their clinical training wholly in the University of Leeds and will not be eligible to compete after three years from the date of completing the second year of the scheme of study for the degrees of Bachelor of Medicine and Bachelor of Surgery, excluding time occupied in working for a final examination for the degree of Bachelor of Science.

Willis Prize in pathology

The prize was instituted in 1980 in honour of Emeritus Professor R. A. Willis, Professor of Pathology in the University from 1950 to 1955.

1. The value of the prize is approximately £60.

2. Provided there is a candidate of sufficient merit the prize is awarded annually by the Senate on the recommendation of the head of the Department of Pathology for the best performance in the intercalated course for the degree of Bachelor of Science with honours in pathology.

MEDALS

William Hey Medal

The late Lord Moynihan presented to the University the sum of £200 for investment to provide a medal for the most distinguished graduate with honours in the list of Bachelors of Medicine and Bachelors of Surgery of the calendar year.

1. The award will be made by the examination committee in June on the results of the Final Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery and on a consideration of the student's general standing, record and character. Results of earlier examinations prescribed in the schemes of study for the degrees will also be taken into consideration and the successful student must have displayed qualities of such an order as to entitle him to special distinction.

2. If two candidates show special merit and the funds of the trust allow, the examiners may recommend a double award.

The Library

The University library comprises the following:

1. The Brotherton library (including the Parkinson extension) housing the main arts and social science collections together with the Brotherton Collection and other special collections

2. The Edward Boyle library housing the main science and engineering library and the student lending and reference libraries

3. The Clothworkers' library

4. The medical and dental library

5. The education library

6. The law library

7. Departmental libraries.

The medical and dental library contains the valuable collection of the Leeds and West Riding Medico-Chirurgical Society, presented to the University in 1926. The Society continues to make a contribution to the maintenance of the library. The historical section of the library is rich in medical classics which belonged originally to the library of the old Infirmary and were presented with that library to the School of Medicine in 1865.

Regulations

1. *General*

   (a) Admission to the use of the library is conditional on the observance of its regulations. All registered readers are presumed to know these regulations.

   (b) The library shall open during such periods of the year and during such hours as the Council may from time to time prescribe. The hours when the library is open will be displayed at the entrance to each library.

   (c) Throughout the regulations the term 'book' means any book, pamphlet, periodical, manuscript, map, microfilm, or other material in the custody of the Librarian.

   (d) Any modification of these regulations or any special regulations applying to a particular service or library are displayed in the library concerned, together with a copy of the regulations themselves.

   (e) The Librarian has power to suspend the library privileges of any person and shall report any such suspension to the Library Executive Committee.

2. *Admission*

(a) General

(i) Members of the Court, emeritus professors, members of the teaching, research and senior members of the administrative staff (including full-time teaching and research staff and senior members of the administrative and library staff of affiliated colleges and institutions), graduates, diplomates who have pursued a course of full-time study for not less than three years, and students registered for courses in the University, together with any others who are, or who have privileges as, members of the University, are entitled to the use of the library subject to the regulations.

(ii) Students of affiliated colleges and institutions are entitled to read in the library: borrowing privileges may be granted but only on evidence of special need.

(iii) Other persons may be allowed by the Librarian to read in the library on stating the subject of their studies and on producing a satisfactory recommendation. In special cases at the discretion of the Librarian they may also be allowed to borrow books. In either case, the Librarian shall have the discretion to charge an appropriate fee for such privileges.

(iv) Members of an institution who are accorded the use of the library in virtue of an agreement between the institution and the University shall conform to the regulations of the library subject to such modifications as may be stipulated in the terms of the agreement.

(b) Specific

(i) Members of the Leeds and West Riding Medico-Chirurgical Society and members of the medical and dental staff of the hospitals administered by the Leeds District Health Authorities are entitled to use the medical and dental library.

3. *Conduct*

(a) Conversation and any other behaviour likely to disturb or inconvenience other readers should be avoided.

(b) Smoking and the consumption of food and drink, in any part of the library, are forbidden.

(c) No reader shall write in or otherwise damage books belonging to the library. Any damage to, or loss of, books shall be made good to the satisfaction of the Librarian. The Librarian may, in addition, levy a fine on any reader found to have caused damage to any book in accordance with a notice displayed in the library.

(d) All members of the library staff are empowered to inspect any books in the possession of readers leaving the library.

(e) Except in the Edward Boyle library and the medical and dental library, bags and briefcases etc. may not be taken into the library.

(f) Bottles of ink may not be brought into the library.

(g) Animals (other than guide dogs) may not be brought into the library.

(h) The reservation of seats is not permitted. Books and other articles left for any length of time on chairs and tables may be removed by the library staff. The University

accepts no responsibility for personal belongings left anywhere in the library at any time.

(i) Persons using the library should at all times carry with them a borrower's or reader's ticket or other means of identifying themselves as bona fide users of the library. Such identification may be requested at any time by library staff.

4. *Borrowing*

(a) General

(i) No book shall be removed from the library unless the borrower shall have first had the book issued to him by a member of the library staff at the library counter. The borrower will be held responsible for all books issued to him as long as the issue record for those books remains uncancelled. Books on loan are for the personal use of the borrower only, and shall not be passed on to any person, whether entitled to use the library or not, save with the special permission of the Librarian. Readers will be responsible for any use made of any borrower's ticket issued to them. If the ticket is lost, they will be held responsible until such time as the library is informed of the loss. A charge will be made to cover the cost of replacing a lost ticket.

(ii) All books may normally be borrowed, with the exception of books in the student reference library, works of reference, and books of special value or rarity, which may not be removed from the library without the authority of the Librarian. The Librarian may, however, vary the loan period or withhold or restrict the circulation of any book in the library.

(iii) Books on loan, except those in the student lending library, may be renewed for a further loan period if they are not required by another reader, but they must be presented at the library for renewal. All books on loan may be reserved. A book on loan may be recalled by the Librarian at any time, and the book must then be returned to the library. Borrowers who fail to return recalled books may be invoiced for the full cost of replacement and their borrowing rights may be limited or withdrawn at the discretion of the Librarian.

(iv) No person shall borrow a book from the library if he has in his possession any book which he has kept beyond the time allowed by the regulations, or if any fine or charge which he has incurred has not been paid.

(v) Theses of the University, with certain exceptions, may be consulted or, save in the case of the medical and dental library, borrowed.

(vi) Books may not be taken abroad without the special permission of the Librarian, nor may they be taken into laboratories where there is a risk of contamination or damage.

(vii) The Librarian may grant special facilities during a limited time to any person entitled to the use of the library.

(b) Specific regulations relating to borrowing by categories of user

(i) Staff of the University

Members of the teaching and research and senior members of the administrative and library staff and others who have the same privileges shall be entitled to have on loan at one time not more than twenty-five books excluding books borrowed from the student lending library.

Books must be returned to the library at the end of each term or without delay if recalled by the Librarian.

(ii) Postgraduate students reading for higher degrees at the University, staff of affiliated colleges and institutions, and, in the case of the medical and dental

library, medical students in the fourth and fifth years of the course.
Readers in the above categories shall be entitled to have on loan at one time not more than ten books, excluding books borrowed from the student lending library.
Books must be returned to the library at the end of each term and at the end of the long vacation or without delay if recalled by the Librarian.
Fines are levied for the non-return of items in accordance with notices displayed in the library.

(iii) Others
Except by special permission of the Librarian the number of books which may be held on loan at any one time by borrowers other than those specified in 4(b)(i) and 4(b)(ii) above shall be limited to four books during the term and five books during the vacation excluding books borrowed from the student lending library. Advanced diploma students may borrow up to eight books. Students in the Department of Music may borrow, in addition, up to two music scores.
A book must normally be returned to the library on or before the fourteenth day following that on which it was taken out or without delay if recalled by the Librarian. Books taken out at the beginning of, or during, vacations may be retained not later than the seventh day of the ensuing term.
Fines are levied for the non-return of items in accordance with notices displayed in the library.

(c) Specific regulations relating to borrowing in individual libraries

(i) Medical and Dental library
Counter collection books may be borrowed only after 5 p.m. on Monday to Thursday, 4.30 p.m. on Friday and 12.30 p.m. on Saturday. They must be returned before 10.30 a.m. on the next day on which the library is open. With the exception of the most recent issue of each, which may not be borrowed, periodicals published in the last twenty-five years may be borrowed for one day while periodicals over twenty-five years old are subject to the same borrowing regulations as books.
Fines are levied for the non-return of items in accordance with notices displayed in the library.

(d) Annual inspection
All books shall be returned to the library before the end of the third term at a date (of which at least a week's notice will be given) to be announced by the Librarian. The issue of books may be suspended during the inspection but will be resumed not later than one week after the commencement of the inspection.
Fines are levied for the non-return of items in accordance with notices displayed in the library.

(e) Inter-library loans
Books borrowed from other libraries are subject in each case to the conditions imposed by the lending library. If they are for home reading, this fact must be mentioned in the application.

5. *Miscellaneous*

(a) Detailed regulations for photocopying may be consulted in the library.

(b) Detailed requirements for the consultation of books, manuscripts and other materials from the special collections may be consulted in the library.

(c) Detailed regulations relating to the joint hospital/university library in St James's Hospital may be consulted in that library or in the medical and dental library.

(d) The regulations governing the libraries of individual departments are posted in the libraries concerned. Information about these libraries can also be obtained in the Brotherton or Edward Boyle libraries.

(e) The Holden library is the property of the diocese of Ripon. It has been deposited in the Brotherton library and is available to the clergy of the dioceses of Ripon, Wakefield and Bradford and to members of the University. It is kept up to date by regular additions. Regulations governing its use may be obtained on application to the Librarian.

Fees

REGULATIONS

The University reserves the right to revise the specified fees at any time, whether in the case of new students or those who have already begun their courses.

Any student attending a degree course, or any other course which is regarded as a full course, will be required to pay the fee.

A student ceasing, for any reason whatsoever, to attend at the University during the session has no claim to a return of fees.

Fees should be paid in the fees section of the Bursar's Office in the University, and must be paid sessionally in advance.

Cheques should be made payable to 'The University of Leeds'.

ASSESSMENT OF FEES

For the purposes of assessment of fees students will be classified in accordance with the provisions of the Education (Fees and Awards) Regulations 1983 (Statutory Instrument 1983, No 973).

Students who have a 'relevant connection' with the United Kingdom and Islands or are classified as 'excepted students' will be charged fees under Scale I; these terms are defined below. Students who do not satisfy these conditions will be charged fees under Scale II. Different fees apply for students who commenced their course prior to 1 September 1980: full details are available from the Bursar.

Requirements
A student must satisfy one of the following requirements to be eligible for fees at the lower home rate under Scale I:

Either
1. Have a relevant connection with the United Kingdom and Islands, ie
   (a) have been ordinarily resident therein throughout the three-year period preceding 1 September, 1 January or 1 April closest to the beginning of the first term of the student's course, *and*
   (b) have not been resident therein during any part of that three-year period wholly or mainly for the purposes of receiving full-time education;

Or
2. Be an excepted student within the meaning of the regulations. These include the following categories:

   (a) Residents of the European Community. A person who
      (A) is a national of a member state of the European Community,
      (B) is the son or daughter of such a national, or

(C) began his course before 1 January 1984,
shall be an excepted student provided that
(i) he has been ordinarily resident in the European Community throughout the three-year period preceding 1 September, 1 January or 1 April closest to the beginning of the first term of his course, and
(ii) has not been resident therein during any part of that three-year period wholly or mainly for the purposes of receiving full-time education;

(b) Refugees. A refugee ordinarily resident in the United Kingdom and Islands who has not ceased to be so ordinarily resident since he was recognized as a refugee or was granted asylum, and the spouse, son or daughter of such a refugee, shall be an excepted student;

(c) Recently arrived immigrants. A person shall be an excepted student if
(i) he is settled in the United Kingdom on 1 September, 1 January or 1 April closest to the beginning of the first term of his course, and
(ii) has neither had the right of abode in the United Kingdom nor was settled therein at, or at a time before, the beginning of the three-year period preceding the relevant date;

(d) Persons temporarily resident abroad. A person shall be an excepted student if
(i) he has not been ordinarily resident throughout the three-year period preceding 1 September, 1 January or 1 April closest to the beginning of the first term of his course in the United Kingdom and Islands, or
(ii) being a national of a member state of the European Community, or the son or daughter of such a national, he has not been so ordinarily resident in the European Community
only because he, his spouse or his parents were temporarily employed outside the United Kingdom and Islands or, as the case may be, outside the European Community;

(e) Exchange students. A person shall be an excepted student who is admitted to his course in pursuance of arrangements with an institution outside the United Kingdom for the exchange of students on a fully reciprocal basis.

INCLUSIVE ANNUAL ACADEMIC FEE

On payment of the fee a student is entitled to attend the prescribed course of lectures, to take the appropriate examinations and, if successful, to be awarded the appropriate degree or diploma.

	I	II†‡	
		Non-Clinical	Clinical
Bachelor of Medicine and Bachelor of Surgery*	£556	£4840	£8960
Certificate in Health Visiting*	£2300	£2300	—

* The fees for these courses include the examination fees, but re-examination fees will still be payable.
† Years 1 and 2 are charged at the non-clinical rate. Years 3, 4 and 5 are charged at the clinical rate.
‡ A small additional charge for the University Union fee may be made.

DEPOSITS

While on the clinical course students will be supplied with white coats at a deposit of £10 per coat returnable when the coats are returned after the final examination.

LOCKER FEES

Medical students are required to have a personal clothes locker throughout the course, for which a fee of £10 is charged at the beginning of the course.
Students should purchase a small close-hasp padlock for their personal lockers.

FEES FOR RECAPITULATORY INSTRUCTION

If additional instruction is appropriate through failure in examination or unsatisfactory attendance, fees at the following rates will be charged:

	I £	II £
*For the degrees of Bachelor of Medicine and Bachelor of Surgery**		
All subjects, three months	36	291
Clinical fee per six months' extension period (or less)	145	1261

FEES FOR OTHER COURSES

Anatomy		
Use of dissecting room (external students)	I	II†
one month	47	387
three months	114	960

FEES FOR HIGHER DEGREES

	I	II‡ Clinical
Degree of Master of Public Health§		
Scheme A (Home fee)	£1730	—
Scheme A (Overseas fee)	£4840	—
Scheme B	£7500	—

* Student Union fee will be charged at the rate of £20 per term.
† Years 1 and 2 are charged at the non-clinical rate. Years 3, 4 and 5 are charged at the clinical rate.
‡ A small additional charge for the University Union fee may be made.
§ The fees for these courses include the examination fees, but re-examination fees will still be payable.

		SCHOOL OF MEDICINE
Degree of Master of Medical Science*	£1730	£8960
Degree of Master of Medical Science Clinical Psychiatry	£1095	—
Degree of Master of Surgery	£350	—
Degree of Doctor of Medicine	£350	—
Part-time (all schemes) First year	£325	—
Part-time (all schemes) Second and subsequent years (Leeds graduates)	£295	—
Part-time (all schemes) Second and subsequent years (other graduates)	£325	—

RE-EXAMINATION FEES

		£	
Degrees of Bachelor of Medicine and Bachelor of Surgery			
Second-year examinations (for each subject repeated)		25	per subject
Third-year examinations (for each subject repeated)		25	,, ,,
Fourth-year examinations (for each subject repeated)		25	,, ,,
Final-year examinations (for each subject repeated)		50	,, ,,
Degree of Doctor of Medicine		100	single fee
Certificate in Health Visiting (per part)	Part I	25	per paper
	Part II	50	single fee
Degree of Master of Medical Science		100	,, ,,
Degree of Master of Medical Science (by research)		100	,, ,,
Degree of Master of Public Health		100	,, ,,
Degree of Master of Surgery		100	,, ,,

* The fees for these courses include the examination fees, but re-examination fees will still be payable.

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School of Dentistry
1987–88

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Almanac

SESSION 1987–88

1ST TERM Wednesday, 7 October 1987
Friday, 18 December 1987

2ND TERM Monday, 18 January 1988
Friday, 25 March 1988

3RD TERM Monday, 25 April 1988
Friday, 1 July 1988

SESSION 1988–89

1ST TERM Wednesday, 5 October 1988
Friday, 16 December 1988

2ND TERM Monday, 9 January 1989
Friday, 17 March 1989

3RD TERM Monday, 17 April 1989
Friday, 23 June 1989

Letters should be addressed to:
The Dean
School of Dentistry
Clarendon Way
Leeds
LS2 9LU

General Information

DENTISTRY AS A CAREER

Dentistry is a profession which by law may be carried out only by those who are properly qualified to do so. To practise as a dentist, a man or woman must possess a qualification which is recognized by the General Dental Council for inclusion in the Dentists Register. The University of Leeds offers an undergraduate a course of study for the degree of Bachelor of Dental Surgery. After the degree has been conferred and registered, the graduate in dental surgery is fitted to carry out without supervision the practice of dentistry in any of the several fields which are open to him. Everyone is entitled to dental treatment under the National Health Service Acts and there is a continuous demand for men and women with dental qualifications.

THE SCHOOL OF DENTISTRY

As a result of the efforts and enthusiasm of some twelve dental practitioners, the Dental School and Hospital was founded in 1905 and was accepted as part of the Faculty of Medicine in the University in the following year. In 1947, aided by the generosity of the Nuffield Trust, the Biological Research Unit of the Dental School (now the Department of Oral Biology) was founded. The unit has made an important contribution to knowledge in the basic sciences affecting dentistry.

In July 1978, the School of Dentistry moved to the new Medical and Dental Building. Sited on the University precinct, the building houses the School and the Leeds Dental Hospital on two separate but adjacent floors, designed to provide for an annual intake of sixty undergraduate students. In addition the building is occupied by the pre-clinical Departments of Anatomy and Physiology, together with Pharmacology, the Medical and Dental Library and the Medical Multidiscipline Laboratories.

THE UNDERGRADUATE COURSE

The course of study offered to undergraduate students is that leading to the degree of Bachelor of Dental Surgery (B.Ch.D). As members of the University, dental students receive not just a training in the method of carrying out their future work but a complete university education in its widest sense. Throughout the course the strong links with the basic medical sciences and with medicine and surgery are emphasized so that, after graduation, the new dentist is capable of working as a key member of the Health Service alongside physicians and surgeons.

The course is available to men and women on the same terms and all students must have reached the age of seventeen before being admitted to the University.

In all cases, students are urged to consult their headmasters or headmistresses before applying; premature entry on a university course is to be deprecated and power is retained to refuse admission on grounds of immaturity even in the case of those who have satisfied the entrance requirements.

ENTRANCE QUALIFICATIONS

All applicants for admission to the Dental School must provide evidence that they have or will have satisfied the requirements of the Joint Matriculation Board of the Northern Universities. Particulars of these requirements may be obtained from the Secretary of the Board, Manchester M15 6EU.

In addition to these general requirements (matriculation), successful applicants must also satisfy the course requirements. Students are normally expected to have passed, at the required grades, three approved subjects at advanced level in the G.C.E. examinations. These approved subjects are chemistry and two of the following: physics, mathematics and zoology (or biology). Nuffield Physical Science is acceptable if taken with mathematics and biology (or zoology).

Candidates may offer the following as an alternative option to three passes at advanced level:

Two passes at advanced level plus two passes at advanced supplementary level. These should include chemistry at advanced level, and one advanced level and one advanced supplementary level from biology (or zoology), physics and mathematics. The remaining advanced supplementary level need not necessarily be science or mathematics, and must not be one of those already offered.

Candidates who do not take zoology or biology at advanced level or advanced supplementary level will be at an advantage in gaining admission if they have some knowledge of biology up to O-level standard.

OVERSEAS STUDENTS

In addition to satisfying the general and the course requirements, applicants from overseas countries whose native language is not English must provide evidence that they have a sufficient knowledge of both written and spoken English in accordance with University regulations.

APPLICATIONS

Applications for admission to the B.Ch.D. course must be made through the Universities Central Council on Admissions (U.C.C.A.). Full details of the admissions procedure are given in the handbook *How to Apply for Admission to a University* which is available in most schools or may be obtained direct from the Secretary of the U.C.C.A., P.O. Box 28, Cheltenham, Gloucestershire GL50 1HY.

REGISTRATION

All new undergraduates are required to register at the beginning of the session. Before this first registration, all students must sign a declaration that they will observe the statutes, ordinances and regulations of the University for the time being in force. Ordinances and regulations governing the award of degrees may be revised from time to time. Students who have started a course will either continue it under the old provisions or be given the opportunity of changing to the new provisions.

Students will then be registered as students of the University provided that they pay the proper fees or offer evidence that they are holders of an award which includes payment of fees. Except with the special permission of the Vice-Chancellor, students may not attend

any lecture or laboratory or other class until they have received a registration certificate which must be presented on request to the head of the department concerned before beginning any course of study.

UNDERGRADUATE SCHEME OF STUDY

The full dental curriculum is divided into two periods: the pre-clinical and the clinical.

At the start of the course, all students are expected to attend instruction in first aid, followed by an examination.

The subjects studied in the first (pre-clinical) year are general anatomy, physiology and biochemistry, courses in these subjects being held in the School of Medicine. Courses taken this year in the Dental School are dental anatomy and physiology.

The clinical course begins in the second year and extends over three years and one term. The knowledge gained in the pre-clinical year acts as a foundation for the clinical subjects and a biological background is maintained throughout the full period of study. At the beginning of the second year students attend a course in prosthetics and dental technology. Integrated with this course is that in the chemistry and physics of dental materials which is held in the appropriate applied science departments of the University. A course in operative technique and introductory lectures in the various branches of dental surgery prepare the student for the treatment of patients and ensure a balanced approach to the work performed in the clinical departments of the Dental Hospital from the beginning of the third term of the second year. Students are allocated in groups to the various clinics of the Hospital (eg conservative dentistry, children's dentistry, oral surgery, admissions) where they practise the techniques acquired in the laboratory and phantom-head room as well as learning patient management and other skills. They are allocated a number of adult and child patients and are responsible for their dental care throughout the clinical course. The total restorative care of adult patients is undertaken in a clinic set aside for that purpose. The clinical departments of the Dental Hospital are:

(a) *Conservative Dentistry*, a branch of dentistry concerned with the preservation and restoration of the natural teeth by fillings, inlays and crowns and the replacement of teeth by bridges.

(b) *Periodontology*, which deals with the maintenance of healthy supporting structures of the teeth and the treatment of diseases of those tissues.

(c) *Children's and Preventive Dentistry*, which is concerned with the prevention of dental disease and the restoration of decayed and accidentally damaged teeth of both the temporary and permanent dentitions which, in children, are particularly susceptible to disease and damage.

(d) *Orthodontics*, the study of the relation of the teeth and the jaws resulting from their growth and development together with the correction of abnormalities and irregularities of the jaws and dentition.

(e) *Oral Surgery and Oral Medicine*, which concerns the clinical application of surgical principles, local and general anaesthesia, the removal of teeth, the treatment of pathological conditions affecting the mouth and jaws and of maxillo-facial injuries, etc.

(f) *Prosthetic Dentistry*, which deals with the methods of replacing natural teeth with artificial substitutes.

(g) In the *Admissions clinic* students apply their knowledge of *Oral Pathology and Oral Medicine* and gain experience of the various methods used in the *Diagnosis* of dental disease and abnormalities (including the use of X-rays) and in *Treatment Planning*.

In addition to the above, courses are given in oral biology, the law and ethics of dental practice, general dental practice and on the treatment of groups with special needs, and visits are made to a hospital for the elderly, to community dental clinics and to a general dental practice.

Concurrently with the teaching in dental subjects, students attend courses in general pathology and microbiology, pharmacology and therapeutics, and medicine and surgery which are held in the School of Medicine, the Leeds General Infirmary and St James's Hospital.

ELECTIVE VISIT

During the fourth year students are resident for two weeks in a regional general hospital. They are attached to the Dental Department there and also gain experience of other facets of a general hospital, for example, accident and emergency work, general and ENT surgery.

THE INTERCALATED BSc

Students who successfully complete the first year examinations may be permitted to intercalate an additional two years of study for a BSc degree in a preclinical subject, while those who do well academically and clinically in their third year may be permitted to intercalate one additional year of study for a BSc degree in Pathology.

DENTAL STUDENTS' SOCIETY

All dental students are encouraged to join the Society, which is officially recognized by the Union. A full programme of meetings throughout the year is arranged comprising talks on dental and general topics, social functions, expeditions and sports meetings.

STAFF TUTORS

Every dental student, at the time he enters the University, is allocated to a tutor — a member of the academic staff — with whom he can discuss at any time his well-being and welfare and his general academic progress. The staff tutors arrange to see their allocated students at intervals throughout each year of the course but they are also available for advice at any time. Students may also approach the Dean of the Dental School at any time for advice on any matter.

UNIVERSITY BOOKLET

The *Prospectus* gives details concerning residential accommodation, the Students' Union, recreational facilities, the city of Leeds and its surrounding region. It is obtainable on request from the Undergraduate Office, The Registry, University of Leeds, Leeds LS2 9JT.

Postgraduate Dental Education

The School of Dentistry provides postgraduate refresher courses for general dental practitioners. Such courses are advertised in the professional journals and include oral surgery, crown and bridge restoration, endodontics, children's dentistry, orthodontics, periodontology, prosthetic dentistry, and therapeutics.

A limited number of courses are arranged for the M.D.Sc. degree (see pp. 10 and 14).

Temporary junior appointments on the staff of the Dental School are available and are suitable for those wishing to carry out research in clinical and non-clinical fields of study. In addition, research assistants who may possess a medical, dental or science degree are appointed to the Department of Oral Biology.

The associated dental hospital has an establishment of nine house surgeons and five registrars (one rotating with Hull), covering all branches of dentistry, and one rotating senior registrar in oral surgery/oral medicine, appointments which are suitable for those wishing to proceed to higher diplomas. Facilities for study can be provided in the various departments of the School of Medicine. The house surgeon appointments are tenable for one year: students who have newly graduated are encouraged to apply for these appointments.

Prescribed Scheme of Study for Undergraduate Students

THE PRE-CLINICAL YEAR

FIRST YEAR

First, second and third terms	First Aid course; anatomy, histology, physiology, biochemistry, dental anatomy and physiology, dental histology	FIRST EXAMINATION Parts 1 and 2 (June and September)

THE CLINICAL PERIOD

SECOND YEAR	*Lectures, Laboratory and Clinical Courses*	*Examinations*
First term	Introduction to clinical dentistry; chemistry and physics of dental materials; oral biology	
Second term	Introduction to clinical dentistry (contd.); chemistry and physics of dental materials, oral biology	
Third term	Chemistry and physics of dental materials, periodontology, children's dentistry I, orthodontics, clinical prosthetics, dental hospital practice	SECOND EXAMINATION Parts 1 and 2 (June and September)

THIRD YEAR

First term	Restorative techniques 1, pathology and microbiology, children's dentistry II; dental hospital practice	
Second term	Pathology and microbiology, oral pathology, oral surgery, clinical dental radiology, physical principles of radiology and radiological protection; dental hospital practice	
Third term	Pathology and microbiology, medicine, surgery; oral pathology/medicine; community dentistry; restorative techniques 2; elective project.	THIRD EXAMINATION Part 1 (March, June and September)

FOURTH YEAR

First term	Clinical medicine, clinical surgery, pharmacology, anaesthesia, oral surgery, oral pathology/medicine, community health; dental hospital practice	THIRD EXAMINATION Part 3 (December and June)
Second term	Pharmacology and therapeutics, periodontology, law and ethics of dental practice, oral surgery/pathology (tutorials); dental hospital practice	THIRD EXAMINATION Part 2 (March and September)
Third term	Oral surgery; conservative dentistry; general dental practice; dental hospital practice. Residence in a district general hospital	

FIFTH YEAR

First term	Venereology, psychiatry; tutorials in conservative dentistry, oral pathology, oral surgery; dental hospital practice	FINAL B.CH.D. EXAMINATION (December and June)

EXAMINATION ENTRY

The latest dates for the payment of resit examination fees are as follows:

For December, on 9 October 1987
For March, on 22 January 1988
For June, on 18 March 1988
For September, on 1 July 1988

LOAN OF DENTAL INSTRUMENTS AND WHITE COATS

Dental instruments are supplied to students for all parts of their course in the Dental School without charge. The Dean of the School has discretion, however, to require a student to make good any loss or damage to instruments issued to him, and to clear the debt before the degree of B.Ch.D. is conferred.

White coats are provided for use on clinics, and provision is made for their laundering. A fine may be levied on any student failing to return a coat.

Regulations Concerning Examinations

1. *Matriculation examinations*

Examinations for matriculation are conducted by the Joint Matriculation Board of the Universities of Manchester, Liverpool, Leeds, Sheffield and Birmingham.

Correspondence should be addressed to the Secretary, The Joint Matriculation Board, Manchester M15 6EU, from whom full particulars may be obtained.

2. *Departmental examinations*

Departmental examinations may be held at times and on conditions determined by the heads of the departments concerned.

All students reading for degrees are required to present themselves for the departmental examinations in their subjects of study. Students who fail in these examinations may be required to repeat their course of study.

3. *Degree examinations*

The examinations will be held in December, March and June each year and supplementary examinations will be held in June and September. The conditions under which candidates may be accepted for supplementary examinations are defined in the ordinances and regulations governing degrees.

Candidates will be required to present themselves at the appropriate time for the examination in each subject in which they have completed the course of study unless they have obtained the permission of the Board of the Faculty concerned to defer the examination.

4. *Admission to examinations*

All students are required to apply for admission and to pay any appropriate fees for re-examination.

Applications for examination in any subject will be accepted only from students who have regularly attended the prescribed courses of study and performed the work of the classes to the satisfaction of the Dean of the Dental School.

5. *Conduct of examinations*

Candidates who apply for admission to degree examinations must ascertain the time and place of each examination they are taking: details of the times are published on the Dental School noticeboard.

Candidates should consult the lists posted on the doors of the examination rooms in order to ascertain the number of their places.

Results of examinations will be published as soon as possible after they have been approved by the Senate.

Congregations for the conferment of degrees will be held in December and July.

ORDINANCE VIII

DEGREES IN DENTAL SURGERY

1. The degrees in dental surgery shall be:

Bachelor of Dental Surgery (B.Ch.D.)
Master of Dental Science (M.D.Sc.)
*Master of Philosophy (M.Phil.)
†Doctor of Philosophy (Ph.D.)
Doctor of Dental Science (D.D.Sc.)

THE DEGREE OF BACHELOR OF DENTAL SURGERY

2. All candidates for the degree of Bachelor of Dental Surgery are required to present certificates showing that they will have attained the age of twenty-one years on the day of graduation, and that they have pursued the prescribed scheme of study in the University for not less than four years and one term, except as provided in Ordinance XII, and to have satisfactorily completed such periods of hospital attendance and practice as specified in the regulations.

3. Before entering upon courses for the degree of Bachelor of Dental Surgery, candidates must have satisfied the requirements for entry upon a degree course as laid down by the Joint Matriculation Board of the Universities of Manchester, Liverpool, Leeds, Sheffield and Birmingham.

4. To qualify for the degree of Bachelor of Dental Surgery, candidates must satisfy the examiners in the first, second, third and final examinations.

5. Before presenting themselves for any of the examinations candidates are required to furnish evidence of having attended courses of instruction in accordance with the regulations of the University.

6. The first examination shall consist of two parts:

Part 1 Anatomy and physiology
Part 2 Dental anatomy and physiology.

7. The second examination shall consist of two parts:

Part 1 Basic operative technique and clinical practice
Part 2 Chemistry and physics of dental materials.

8. Before presenting themselves for the second examination candidates must have passed Part 1 of the first examination.

*The degree of Master of Philosophy is governed by Ordinance X, articles 2 to 13, and relevant regulations which are published in the University *Calendar*.

†The degree of Doctor of Philosophy is governed by Ordinance X, articles 14 to 21, and relevant regulations which are published in the University *Calendar*.

9. The third examination shall consist of three parts:

Part 1 General pathology and microbiology
Part 2 Pharmacology and therapeutics
Part 3 Medicine, surgery.

10. Candidates, before presenting themselves for the third examination, must have passed the second examination.

11. The final examination shall be in dental surgery including conservative dentistry, children's dentistry and orthodontics, oral surgery, oral medicine and oral pathology, periodontology and prosthetic dentistry.

12. Before presenting themselves for the final examination candidates must have passed the third examination.

13. Distinction may be awarded in the first examination in part 2 and in the individual subjects of part 1; in the second examination in parts 1 and 2; in the third examination in parts 1 and 2 and in the individual subjects of part 3; and in the subject of the final examination.

14. Candidates who have satisfied the examiners in the subject of the final examination may be awarded:

(a) the degree of Bachelor of Dental Surgery with honours
(b) the degree of Bachelor of Dental Surgery.

15. The names of successful candidates in all examinations except the final examination and in each group of the final examination shall be published in alphabetical order.

*16. Except with the special permission of the Senate,

(a) Candidates for the degree of B.Ch.D. shall be required to present themselves for the Final examination for the degree for the first time not later than the end of the fifth year of study in the University from the time when they entered upon the scheme of study prescribed for the degree.

(b) Candidates will not be allowed to present themselves for any re-examination for the degree of B.Ch.D. later than December of the sixth year after entry upon the prescribed scheme of study.

THE DEGREE OF MASTER OF DENTAL SCIENCE

17. The degree of Master of Dental Science may be conferred, on payment of the proper fee,

(a) upon graduates in dental surgery of the University of Leeds or of any approved university;

(b) in approved cases upon persons who possess a diploma in dental surgery of the University of Leeds or of an approved dental authority;

subject to the conditions in the following paragraphs.

*Subject to ratification by the University Court

18. Candidates may proceed to the degree of Master of Dental Science either

(a) by satisfactory completion of an approved scheme of advanced study in the University and on the passing of the prescribed examinations;

or

(b) by presenting a thesis satisfactory to the Senate on a scheme of research approved by the Board of the Faculty of Medicine.

19. The scheme of study or period of research leading to the degree of Master of Dental Science may vary in length according to the qualifications of the individual candidate and whether a course of full-time or part-time study is being undertaken but in no case shall the period of full-time study be less than one calendar year.

20. Candidates who are accepted for part-time study or research leading to the degree will be required to undertake an approved scheme of study or period of research extending over not less than two calendar years.

THE DEGREE OF DOCTOR OF DENTAL SCIENCE

21. The degree of Doctor of Dental Science may be conferred, on payment of the proper fee and subject to the conditions contained in the following articles and relevant regulations, upon Bachelors of Dental Surgery of the University of Leeds, or of any other approved university, of at least five years' standing. Candidates who do not already hold a master's degree should either hold a qualification of similar standing approved for this purpose by the Senate or have at least five years' experience in research of relevance to the proposed subject of their submission.

22. Each candidate will be required to present a thesis written in English. This should embody the results of personal observations or original research either on a topic in dentistry or in a science directly related thereto. Original published work may be included in the thesis. The thesis must make a contribution to knowledge and must afford evidence of originality either by the discovery of new facts or in the critical approach to facts already known. Each candidate will be required to present himself for an oral examination.

23. The names of candidates who have been approved for the degree of Doctor of Dental Science shall be published in alphabetical order; in cases of exceptional merit the degree may, on the recommendation of the examiners, be awarded with distinction.

Regulations

THE DEGREE OF BACHELOR OF DENTAL SURGERY

1. The scheme of study leading to the degree of Bachelor of Dental Surgery extends over four years and one term.

Candidates should note that in order to qualify for admission to a scheme of study for a first degree in the University, they must satisfy both a *General Requirement* and a *Course Requirement*. For information regarding the *General Requirement*, for purposes of matriculation, candidates should write to The Secretary, Joint Matriculation Board, Manchester M15 6EU.

To satisfy the *Course Requirement* passes in three approved subjects at advanced level in a General Certificate of Education examination are required:

One of these passes must be in chemistry.

The other passes must be in any two of the following subjects:

(a) physics
(b) mathematics
(c) zoology or biology.

Candidates who hold qualifications deemed by the Senate to be equivalent to the above may also satisfy the course requirement.

2. Candidates must present themselves for examination or re-examination in all the subjects prescribed for any examination or part thereof at the same time except as provided in regulation 3 below. They will not be permitted so to present themselves unless they have attended the prescribed instruction in the subject or subjects concerned to the satisfaction of the Board of the Faculty.

3. Candidates who fail in a subject of (a) part 1 of the first examination or (b) part 3 of the third examination may be exempted from re-examination in such subjects for the respective examinations as the Board of the Faculty of Medicine may determine.

4. Candidates for parts 1 and 2 of the first examination are required to have attended courses including lectures and practical work in: anatomy for three terms; histology for two terms; physiology and biochemistry for three terms; dental anatomy and physiology for two terms; dental histology for two terms with laboratory instruction.

5. Parts 1 and 2 of the first examination will be held in June. Candidates who fail to satisfy the examiners may be permitted to present themselves for re-examination in September, but before doing so must pursue such further study as may be required by the Board of the Faculty of Medicine.

6. Candidates will not be allowed to proceed to their clinical studies until they have passed part 1 of the first examination, and would normally be asked to withdraw from the scheme of study after failing the examination on two occasions.

7. Candidates for parts 1 and 2 of the second examination are required to have attended courses in the chemistry and physics of dental materials for three terms; dental technology and basic operative technique for two terms; lectures in periodontology, children's dentistry, orthodontics, prosthetics, conservative dentistry for one term; clinical practice during one term.

8. Parts 1 and 2 of the second examination will be held in June. Candidates who fail to satisfy the examiners may be permitted to present themselves for re-examination in September, but before doing so must pursue such further study as may be required by the Board of the Faculty of Medicine.

9. Candidates who fail Part 1 of the second examination at the second attempt will not normally be allowed to repeat the course or examination.

10. Candidates for part 1 of the third examination are required to have attended courses including lectures and practical work in general pathology and microbiology for three terms; and to attend post-mortem demonstrations.

11. Part 1 of the third examination will be held in June; with a practical examination to be held in March. Candidates who fail to satisfy the examiners may be permitted to present themselves for re-examination in September, but before doing so must pursue such further study as may be required by the Board of the Faculty of Medicine.

12. Candidates for part 2 of the third examination are required to have attended a course in pharmacology and therapeutics covering two terms.

13. Part 2 of the third examination will be held in March. Candidates who fail to satisfy the examiners may be permitted to present themselves for re-examination in September, but before doing so must pursue such further study as may be required by the Board of the Faculty of Medicine.

14. Candidates for part 3 of the third examination are required to have attended courses in: medicine for two terms with clinical instruction; surgery for two terms with clinical instruction; and to have pursued courses in clinical dental surgery for at least one year.

15. Part 3 of the third examination will be held in December. Candidates who fail to satisfy the examiners may be permitted to present themselves for re-examination in June, but before doing so must pursue such further study as may be required by the Board of the Faculty of Medicine.

*16. Candidates who fail part 1 *or* part 2 *or* part 3 of the third examination at the second attempt will not normally be allowed to repeat the course or examination.

17. Candidates for the final examination are required to have passed the first, second and third examinations; to have attended courses of instruction in operative technique for six months; the physical principles of radiology and radiological protection for one term; radiology for one term; clinical dental radiology for one term; applied anatomy and histology for one term; anaesthetics for one term; special pathology and microbiology for three terms; conservative dentistry for two terms; periodontology for two terms; children's and preventive dentistry for two terms; orthodontics for two terms; law and ethics of dental practice for one term; general dental practice for one term; community dentistry for one term; community health for one term; oral surgery for three terms; clinical dental surgery

*Subject to ratification by the University Court.

for two and a half years; and to have attended for at least three years the practice of an approved dental hospital or of the dental department of an approved general hospital. A student will also be expected to attend for observation or practice at hospitals and community health centres within and outside Leeds.

18. Not less than four weeks before the beginning of the final examination, the internal examiners in dental surgery will decide which candidates, being able to satisfy their teachers as specified above, may proceed to the final examination.

19. The final examination will be held in December. Candidates who fail to satisfy the examiners may be permitted to present themselves for re-examination in June, but before doing so must pursue such further study as may be required by the Board of the Faculty of Medicine.

*20. Candidates who fail the Final Examination on two occasions will not normally be permitted to present themselves for a third attempt.

21. In determining the award of honours to candidates their performance in the first, second, third and final examinations will be considered.

THE DEGREE OF MASTER OF DENTAL SCIENCE

22. Candidates accepted for the degree of Master of Dental Science shall be required:

(a) to be registered as students of the University and
either
(b) to pursue an approved scheme of advanced study in the University
or
(c) to pursue an approved scheme of research leading to the presentation of a thesis.

23. Schemes of advanced study approved for the purpose of the degree of Master of Dental Science will normally start in October each year at the beginning of the academic session in one of the following branches of dentistry:

Paediatric dentistry for overseas students
Paedodontics
Community dentistry
Conservative dentistry
Dental radiology
Oral biology
Oral pathology
Oral surgery
Orthodontics
Periodontology
Prosthetic dentistry
Restorative dentistry for overseas students

or other aspects of dentistry approved by the Board of the Faculty.

Not all subjects will be available in any one year and other subjects may be added from time to time.

*Subject to ratification by the University Court

24. Candidates pursuing a scheme of advanced study under 22(b) will be required:

(a) to attend such lectures and tutorials and undertake such practical work, as may from time to time be prescribed

(b) to prepare a dissertation on some aspect of the branch of dental science being studied

(c) (i) in schemes of study other than Orthodontics, Community dentistry and Paedodontics, to present themselves for an examination which will consist of three written papers of three hours each, and, at the discretion of the examiners, an oral examination. The final assessment will take into account the dissertation and the practical work undertaken in the scheme.

(ii) in the scheme of study for Orthodontics, to present themselves for an examination which will consist of two written papers of three hours each, the clinical examination of two orthodontic patients and an oral examination. The final assessment will take into account the dissertation and the practical work undertaken in the scheme.

(iii) in the scheme of study for Community dentistry, to present themselves for an examination which will consist of two written papers of three hours each, a critical review of two epidemiological studies or clinical trials and an oral examination. The final assessment will take into account the dissertation and the practical work undertaken in the scheme.

(iv) in the scheme of study for Paedodontics, to present themselves for an examination which will consist of two written papers of three hours each, the clinical examination of two child patients, one of whom should be handicapped, and an oral examination. The final assessment will take into account the dissertation together with the presentation of six documented case histories of patients treated by the candidate.

25. Candidates pursuing an approved scheme of research under 22(c) will be required:

(a) to carry out research on an approved subject in the field of dental science

(b) to prepare and submit three typed copies of a thesis together with copies of a summary in a form suitable for publication and not exceeding 300 words.

The examination will normally also include an oral examination.

26. The names of the candidates who have satisfied the examiners shall be arranged in alphabetical order and distinction may be awarded for work of exceptional merit.

THE DEGREE OF DOCTOR OF DENTAL SCIENCE

27. A graduate who wishes to be accepted as a candidate for the degree must submit the title of his thesis for the approval of the Board of the Faculty of Medicine. The title must be accompanied by an outline (between 400 and 500 words) of the proposed or actual scope of the work, a brief review of the relevant literature and a description of the materials and methods involved.

28. On approval of the title, the Board will appoint an adviser who will normally be the head or a senior member of the relevant department of the School of Dentistry.

29. Except with the special permission of the Board of the Faculty of Medicine, candidates shall be required to submit their theses for examination within five years of the date on which approval of the title and outline is granted. In exceptional circumstances an extension to this time limit of not more than three years may be granted by the Board of the Faculty of Medicine provided that there is appropriate evidence that the work is likely to reach completion.

30. Not less than three months before the submission of the thesis, the candidate must apply to the Registrar to be examined. This application must be on a special form to be obtained from the Registrar and must be accompanied by the prescribed fee. Three copies (printed or typewritten) of the thesis and illustrations or specimens should be submitted for examination. Theses must be bound in the standard form, particulars of which may be obtained from the Registrar. The top copy or a photocopy of the thesis approved for the degree will be retained in the University library; a carbon copy will not be acceptable for this purpose.

31. A candidate shall not be permitted to submit a thesis for which a degree has already been conferred upon him or which is under consideration for the awarding of a degree in this or any other university.

32. A candidate including in his thesis work previously published under joint authorship shall be required to indicate to the satisfaction of the examiners his own share of the joint publication.

33. Candidates will be examined orally on the subject of the thesis and may be required to present themselves for such other examinations as may be deemed necessary.

34. Candidates will normally be informed within three months of the receipt of their thesis when they will be required to attend for an oral examination and will be given appropriate notice of the date of the examination.

Guidance to candidates

Intending candidates, before submitting the title of their thesis for the approval of the Board of the Faculty of Medicine, should first discuss with the head of the appropriate department their proposals and scheme of work. He will be able to suggest a person to whom the candidate may turn for advice on drawing up the proposed study and carrying it out. This person may be a member of the University staff or an outside person who is easily accessible.

Scholarships

Dentsply Scholarship Fund: Dentsply offer awards to enable students seeking financial assistance to undertake or continue studies. Funds are limited and awards are made primarily on the basis of financial need. Forms of application and conditions governing the awards may be obtained from the Secretary of the British Dental Association, 64 Wimpole Street, London W1M 8AL.

The Ministry of Defence Air Department offers a limited number of dental cadetships affording university training leading to a degree in dental surgery to suitably qualified young men who wish to serve on permanent commissions in the Dental Branch of the Royal Air Force. Further particulars may be obtained from the Deputy Director of Dental Services, Royal Air Force, Ministry of Defence, First Avenue House, High Holborn, London WC1V 6HE.

The Ministry of Defence Army Department offers a limited number of dental cadetships, affording university training leading to a degree in dental surgery to suitably qualified young men who wish to serve on permanent commissions in the Royal Army Dental Corps. Further particulars may be obtained from the Deputy Director of Dental Services, Ministry of Defence (A.M.D.6) First Avenue House, High Holborn, London WC1V 6HE.

Scholarships and other awards tenable at the University are also offered by local authorities. Information may be obtained from the chief education officer of the authority concerned.

THE TREVOR FOX AWARD

In 1972 Mr. Trevor Fox, B.Ch.D., L.D.S. (Leeds), presented to the University the sum of £100 to be used to provide each year an award to stimulate interest in the dental needs of handicapped children. The present value of the award is approximately £10.

1. The award will be made on the recommendation of three examiners to be appointed annually by the Board of Dental Studies for the best essay on some aspect of Community Dentistry, submitted during the fourth year of the dental course.

2. The essay topics will be set by the examiners and will include one topic related to the care of physically or mentally handicapped children.

3. No award will be made if, in the opinion of the examiners, none of the entries is sufficiently meritorious to justify an award. If two essays are of equal merit, two prizes may be awarded if sufficient funds are available.

Prizes

THE STEPHEN D. HEY PRIZE IN CONSERVATIVE DENTISTRY

Mr Stephen D. Hey, L.D.S.R.C.S.Eng. (one-time member of the Dental School and Hospital at Leeds) provided in his will the sum of £500 to be invested by the University so that a dental prize should be awarded annually to the best dental operator in conservative dentistry in the final year in the University of Leeds Dental School. The present value of the prize is approximately £45.

1. The award will be made by the Senate on the recommendation of the Board of Dental Studies.

2. The prize will be awarded to the student who has carried out the most satisfactory work in conservative dentistry during the final year of the course. The student's work in the clinical part of the final examination may be taken into consideration.

THE PERCY LEIGH PRIZE IN CLINICAL DENTAL SURGERY

Mr P. T. Leigh, L.D.S. (Leeds and Glasgow), R.C.S. (England), to mark his year of office (1935–36) as Lord Mayor of Leeds, presented to the University the sum of £100 to provide annually a prize in the subject of clinical dental surgery. The value of the prize is £6.

1. The award will be made by the Senate on the recommendation of the Board of Dental Studies.

2. The prize will be awarded on the result of an examination in clinical diagnosis, including clinical pathology and bacteriology and the interpretation of radiographs. A high standard of proficiency must be attained by the successful candidate.

3. Candidates must be students of the University of Leeds who are in the final year of a normal curriculum for the degree of Bachelor of Dental Surgery and no candidate may compete more than once for the prize.

THE ROGERSON PRIZE IN EXTRACTIONS

In 1972, an anonymous donor presented to the University the sum of £100 to be used to provide each year a prize for skill in extracting teeth. The gift was made in appreciation of E. A. Rogerson, a one-time member of the staff of the School of Dentistry, who was held in high regard as a dental surgeon and a teacher.

1. The prize, valued at £25, will be awarded by Senate on the recommendation of the Board of Dental Studies.

2. The award will be based on the result of practical tests involving the extraction of teeth. A high standard of skill must be shown.

3. No student will be permitted to compete for the prize more than once.

4. If two candidates show equal distinction, two prizes may be awarded should there be sufficient funds for the purpose.

5. A certificate of merit may be awarded to students who reach a sufficiently high standard in the examination.

THE WATSSMAN PRIZE IN CLINICAL DENTAL PRACTICE

In 1977, the Leeds Jewish Dental Society and the Leeds Local Dental Committee presented to the University the sum of £400 to be used to provide each year a prize in clinical dental practice. The gift was made as a memorial to Mr B. Watssman, L.D.S. (Leeds), for his contribution to dentistry in Leeds, both in general practice and on various committees connected with health administration.

1. The prize, valued at approximately £20, will be awarded by Senate on the recommendation of the Board of Dental Studies.

2. The prize will be awarded to the best presentation by a candidate in the Clinical Dental Practice examination of the Final B.Ch.D. Examination; both the case history and the standard of clinical work will be taken into consideration.

3. No student will be permitted to compete for the prize more than once.

4. If two candidates show equal distinction, two prizes may be awarded should there be sufficient funds for the purpose.

DOUGLAS JACKSON PRIZE IN CHILD DENTAL HEALTH

The prize was instituted in 1981 with money received from the Douglas Jackson testimonial fund.

1. The value of the prize is £30.

2. Provided there is a candidate of sufficient merit the prize will be awarded annually by the Senate, on the recommendation of the Board of Dental Studies, to the student in the final year of study leading to the degree of B.Ch.D. who presents the most meritorious case report on treatment completed on patients who have been in the student's care in the Department of Child Dental Health. The treatment undertaken for each patient must include restorative, preventive or orthodontic procedures carried out by the student concerned.

3. The examiners for this prize will be appointed by the Board of Dental Studies on the recommendation of the Head of the Department of Child Dental Health.

4. In the event of there being two or more candidates of equal merit the prize will be divided.

ASTRA PHARMACEUTICALS LTD. PRIZE IN DENTAL PHARMACOLOGY AND THERAPEUTICS

The prize was instituted in 1986 by Astra Pharmaceuticals Ltd.

1. The prize, of the value of £50, will be awarded annually, provided that there is a

candidate of sufficient merit, to the student achieving the best performance in the Dental Pharmacology and Therapeutics examination.

2. The prize will be awarded by the Senate on the recommendation of the Head of the Department of Pharmacology after consultation with the examiners in Dental Pharmacology and Therapeutics.

3. In the event of a tie the prize will be awarded to the candidate who gives the best performance in the viva voce examination.

OTHER PRIZES

The Operative Dental Surgery Prize (value £15)
The Orthodontics Prize (value £15)
The Periodontology Prize (value £15)
The Oral Surgery Prize (value £15)
The Dental Prosthetics Prize (value £15)

Certificates of Merit may be awarded to those students who reach a sufficiently high standard in these prize examinations.

Students may only compete for prizes and certificates in their respective years and may not enter twice for the same examination.

THE CHARLES AND ELEANOR KNOWLES PRIZE IN CHILDREN'S DENTISTRY

In 1966 Miss Eleanor Knowles, *O.B.E.*, F.D.S.R.C.S., D.P.D., H.D.D., gave to the University £500 on behalf of herself and her brother, the late Charles Knowles, L.D.S., to provide a prize for an essay on children's dentistry.

1. Candidates must be, or have been, registered on the scheme of study leading to the degree of M.D.Sc. of the University of Leeds and at the time of their candidature must be registered dental practitioners in the United Kingdom of no more than ten years' standing.

2. Provided there is a candidate of sufficient merit, the prize, of the value of £35, will be awarded annually to the candidate who is judged to have produced the best dissertation or thesis on an aspect of child dental health involving children up to and including the mixed dentition stage of dental development.

3. Each candidate will be required to make a brief oral presentation based upon his or her dissertation or thesis.

4. The prize will be awarded by the Senate on the recommendation of a committee consisting of the Dean of the School of Dentistry, the Professor of Child Dental Health and a member of the teaching staff of the Department of Child Dental Health, appointed to the committee by the Board of Dental Studies.

5. No candidate will be permitted to compete for the prize on more than one occasion.

6. In the event of no award being made in any year, two prizes may be awarded in a subsequent year.

Medals

THE PERCY LEIGH MEDAL

Mr P. T. Leigh, L.D.S. (Leeds and Glasgow), R.C.S. (England), in 1929 presented to the University to encourage the 'science and art of dental mechanics' the sum of £105 to provide a medal to be awarded annually in prosthetic technology. In addition to the medal, the award includes a prize of £5.

1. The award will be made by the Senate on the recommendation of the Board of Dental Studies.

2. The medal will be awarded to the student who achieves the most meritorious performance in the second B.Ch.D. Part 1 examination.

3. No student will be permitted to compete for the award more than once.

4. If two candidates are equally deserving, two awards may be made.

5. A certificate of merit may be awarded to students who reach a sufficiently high standard in the examination.

THE CHARLES RIPPON MEDAL

Mr Charles Rippon, Ph.D., L.D.S., on his retirement in 1928 from the lectureship in dental mechanics, presented to the University the sum of £100 to provide a silver medal to be awarded annually to the most distinguished student of the year in the School of Dentistry.

1. Candidates for the medal must be students who are in the final year of a full curriculum for the degree of Bachelor of Dental Surgery and who have pursued the full course of clinical studies at the University of Leeds after registration.

2. The award will be made by the Senate on the recommendation of the Board of Dental Studies after the results of the final examination for the degree of Bachelor of Dental Surgery have been ascertained. Only candidates who have attained a high standard of proficiency shall be eligible. In determining the award of the medal, account will be taken of the marks obtained in the prize examinations taken during the final year of the course, the marks obtained in the final professional examination and each candidate's general record.

3. No student will be allowed to compete for the medal more than once.

4. If two candidates show equal distinction two medals may be awarded should there be sufficient funds for the purpose.

THE WILLIAMSON MEDAL

Mr Norman Tetlow Williamson, L.D.S. (Leeds) provided in his will the sum of £100 to be invested by the University in order to provide an award to be made annually after an examination relating to the treatment of children's teeth.

1. The award will be made by the Senate on the recommendation of the Board of Dental Studies.

2. The medal will be awarded on the result of a written examination in children's dentistry. Candidates' general record of clinical work in the children's department of the dental hospital may be taken into consideration.

3. No student will be permitted to compete for the medal more than once.

4. If two candidates show equal distinction, two medals may be awarded if there be sufficient funds for the purpose.

Dental Students' Amenity Fund

1. In 1972, a one-time undergraduate in the School of Dentistry presented to the University the sum of £400. The donor, who wished to remain anonymous, said when making his gift that he hoped that the money would be used in some way to enable dental students to enjoy themselves.

2. The interest from the investment of the sum of £400 will be used annually to support recreational activities of students in the School of Dentistry. The use of each year's award will be determined after consultation between the Dean of the Dental School and the officers of the Leeds University Union Dental Students' Society.

3. The award will be made by the Senate annually on the recommendation of the Dean of the Dental School. If in any year no award is made, the money will be allowed to accumulate and to augment awards in subsequent years.

4. The present annual value of the award is £65.

The Medical and Dental Library

The library comprises over 95,000 books and pamphlets, over 9,000 being in the dental section. An extensive collection of periodicals, British and foreign, is maintained. Important new publications are added regularly.

REGULATIONS

1. *Hours of opening*

Except in the long vacation the library is open from 9 a.m. to 9 p.m. on Monday to Thursday, from 9 a.m. to 5 p.m. on Friday, and from 9 a.m. to 1 p.m. on Saturday. During the long vacation it is open from 9 a.m. to 5 p.m. on Monday to Friday and from 9 a.m. to 12.30 p.m. on Saturday.

It is normally closed on those days when the University is closed except for Spring Bank Holiday Monday and Tuesday.

2. *Admission*

Those who are, or who have privileges as members of the academic, research, and senior administrative and library staffs of the University, students of the University, members of the Leeds and West Riding Medico-Chirurgical Society and members of the medical and dental staff of the hospitals administered by the Leeds Eastern and Western Health Authorities are entitled to use the library.

Other persons may be allowed by the Librarian to consult books on stating the subject of their studies and on producing a satisfactory recommendation. In special cases, at the discretion of the Librarian, they may also be allowed to borrow books. In either case, the Librarian shall have the discretion to charge an appropriate fee for such privileges.

3. *Discipline*

(a) Silence shall be observed in the library.

(b) Smoking, and the consumption of food or drink, in any part of the library is forbidden.

(c) No reader shall write in or otherwise mark books or periodicals belonging to the library. Any damage to, or loss of, books shall be made good to the satisfaction of the Librarian.

(d) The Librarian has the power to suspend the library privileges of any person who infringes the regulations, and shall report any suspension to the library committee.

(e) Persons using the library should at all times carry with them a borrower's or reader's ticket or other means of identifying themselves as bona fide users of the library. Such identification may be requested at any time by library staff.

4. *Borrowing in general*

(a) No book shall be removed from the library unless the borrower shall have first had the book issued to him by a member of the library staff at the library counter. The borrower will be held responsible for all books issued to him as long as the issue record for those books remains uncancelled. Books on loan are for the personal use of the borrower only, and shall not be passed on to any person, whether entitled to use the library or not, save with the special permission of the Librarian. Readers will be responsible for any use made of any borrower's ticket issued to them. If the ticket is lost, they will be held responsible until such time as the library is informed of the loss. A charge will be made to cover the cost of replacing a lost ticket.

(b) All books may normally be borrowed with the exception of works of reference and books of special value and rarity; but the Librarian may withhold or restrict the circulation of any book in the library. He is further permitted to grant special facilities during a limited period to any person entitled to use the library.

(c) Periodicals, unbound issues of which must have been available in the library for not less than one calendar month, and published in the last twenty-five years, may be borrowed for a period of one day only. Older volumes and certain more recent titles are subject to the same borrowing regulations as books [for which see regulations 5 and 6]. There will ordinarily be no renewal. Fines are levied for the non-return of items in accordance with notices displayed in the library.

(d) Counter collection books may be borrowed only after 4 p.m. on Monday to Friday, and 9 a.m. on Saturday. They must be returned before 10.00 a.m. on the next day on which the library is open. Fines are levied for the non-return of items in accordance with notices displayed in the library.

(e) No person shall borrow a book from the library if he has in his possession any book which he has kept beyond the time allowed by the regulations or if any fine or charge which he has incurred has not been paid.

(f) Theses of the University, with certain exceptions, may, with the consent of the Librarian, be consulted.

(g) Books may not be taken abroad without the special permission of the Librarian.

(h) Books on loan may be renewed for a further loan period if they are not required by another reader, but they must be presented at the library for renewal. All books on loan may be reserved. A book on loan may be recalled by the Librarian at any time, and the book must then be returned to the library. Borrowers who fail to return recalled books may be invoiced for the full cost of replacement and their borrowing rights may be limited or withdrawn at the discretion of the Librarian.

5. *Borrowing by staff and research students*

(a) Members of the University staff (as listed in regulation 2) and others who have the same privileges, shall be entitled to have at one time not more than twenty-five books borrowed from the library. This number may be exceeded only by the permission of the Librarian. Books must be returned at the end of each term and at the end of the long vacation or when a notice is received from the Librarian, in which case they shall be returned to the library without delay.

(b) Postgraduate students reading for higher degrees shall have the same privileges and be subject to the same regulations as in 5(a) except that they may not have at one time more than ten books in their possession.

(c) The Librarian may grant special facilities during a limited time to any person entitled to the use of the library.

6. *Borrowing by students*

(a) Students shall have the right to have not more than four books at any one time during term time and five books at any one time during the vacation.

(b) Every book shall be returned to the library on or before the fourteenth day following that on which it was taken out or without delay if recalled by the Librarian. Books taken out at the beginning of, or during, the vacation may be retained not later than the seventh day of the ensuing term.

(c) Fines are levied for the non-return of items in accordance with notices displayed in the library.

7. *Annual inspection*

All books shall be returned to the library before the end of the third term at a date (of which at least a week's notice shall be given) to be announced by the Librarian. The issue of books may be suspended during the inspection but will be resumed not later than one week after the commencement of the inspection. Fines are levied for the non-return of items in accordance with notices displayed in the library.

8. *Inter-library loans*

Books borrowed from other libraries are subject in each case to the conditions imposed by the lending library. If books are required for home reading this fact must be stated in the application.

Time-Tables (Provisional)

THE PRE-CLINICAL YEAR

Lectures and practical classes	*M.*	*Tu.*	*Hours W.*	*Th.*	*F.*
FIRST TERM					
Anatomy:					
Lectures	10 to 11 2 to 3				10 to 11
Practicals	11 to 1 3 to 5				11 to 1
Physiology					
Lectures		9 to 10		9 to 10	9 to 10
Practical			10 to 1		
Biochemistry:					
Lectures			9 to 10	12 to 1	
Practical		10 to 1			
Dental anatomy and physiology:					
Lectures		2 to 3			
Practical		3 to 5			
SECOND TERM					
Anatomy:					
Lectures	2 to 3			10 to 11	2 to 3
Practicals	3 to 5			11 to 1	3 to 5
Physiology:					
Lectures		9 to 10	9 to 10	9 to 10	9 to 10
Practical			10 to 1		
Biochemistry:					
Lectures	12 to 1				
Practicals and tutorials					10 to 1
Dental anatomy and physiology:					
Lectures	11 to 12		11 to 12		
Histology			2 to 5		
THIRD TERM					
Anatomy:					
Lectures	2 to 3				10 to 11
Practicals	10 to 1 3 to 5				11 to 1

Lectures and practical classes	*M.*	*Tu.*	*Hours W.*	*Th.*	*F.*
Physiology:					
Lectures		9 to 10	9 to 10	9 to 10	9 to 10
Practical			10 to 1		
Biochemistry:					
Seminars				2 to 5	
Dental anatomy and physiology:					
Lectures		11 to 12			2 to 3
Practical		2 to 5			

First Examination, Parts 1 and 2, June (and September)

THE CLINICAL PERIOD

Second Year

Lectures and practical classes	*M.*	*Tu.*	*Hours W.*	*Th.*	*F.*
FIRST TERM					
Chemistry and physics of dental materials	9 to 12				
Introduction to clinical dentistry					
Lectures	2 to 3				2 to 3
Laboratory		9 to 12.30 2 to 5	9 to 12.30	9 to 12.30 2 to 5	9 to 12.30 3 to 5
Oral biology	3 to 4				
SECOND TERM					
Chemistry and physics of dental materials		9 to 12.30			
Introduction to clinical dentistry					
Lectures			10 to 11	2 to 4	
Laboratory	9 to 12.30 2 to 5	2 to 5		9 to 12.30	9 to 12.30 2 to 5
Oral biology			11 to 12		

Lectures and practical classes	*M.*	*Tu.*	*Hours W.*	*Th.*	*F.*
THIRD TERM					
Chemistry and physics of dental materials		2 to 5			
Children's dentistry I: Lecture				9 to 10	
Orthodontics: Lecture					12 to 1
Periodontology: Lecture		9 to 10			
Dental hospital practice	9 to 12.30 2 to 5	9 to 12.30	10 to 12.30 2 to 5	10 to 12.30 2 to 5	9 to 12 2 to 5

NOTE: Attendance for laboratory work and dental hospital practice is required during the vacations to make up a total of 40 weeks a year.

Second Examination, Parts 1 and 2, June (and September)

Third Year

Lectures and practical classes	*M.*	*Tu.*	*Hours W.*	*Th.*	*F.*
FIRST TERM					
Pathology and microbiology: Lectures and practical work		2 to 5		2 to 5	
Children's dentistry II		12 to 1			
Restorative techniques 1 Lectures	9 to 10			9 to 10	
Demonstrations, practical work and dental hospital practice	10 to 12.30 2 to 5	9 to 12	9 to 12.30 2 to 5	10 to 12.30	9 to 12.30 2 to 5
SECOND TERM					
Pathology and microbiology: Lectures and practical work	2 to 5				2 to 5

Lectures and practical classes	*M.*	*Tu.*	*Hours W.*	*Th.*	*F.*
Radiology, including physical principles and radiological protection; Dental radiology: Lectures			9 to 10	9 to 10	
Oral pathology: Lecture	9 to 10				
Oral surgery: Lecture		9 to 10			
Dental hospital practice	10 to 12.30	10 to 12.30 2 to 5	10 to 12.30 2 to 5	10 to 12.30 2 to 5	9 to 12.30

THIRD TERM

Pathology and microbiology: Lecture and practical work	2 to 5				
Medicine: Lecture		12 to 1			
Surgery: Lecture			12 to 1		
Clinical tutorial			9.30 to 11.30		
Community dentistry: Lecture	12 to 1				
Oral pathology: Lecture				4 to 5	
Restorative techniques 2 Lectures				12 to 1	12 to 1
Demonstrations and practical work	9 to 12	9 to 12 2 to 5	2 to 5	9 to 12 2 to 4	9 to 12 2 to 5

NOTE: Attendance for dental hospital practice is required during the vacations to make up a total of 45 weeks a year.

Third Examination: Part 1, March and June (and September)

Fourth Year

Lectures and practical classes	*M.*	*Tu.*	*Hours W.*	*Th.*	*F.*
FIRST TERM					
Medicine:					
Lecture		9 to 10			
Tutorial, clinical		10.30 to 12			
Surgery:					
Lecture			12 to 1		
Tutorial, clinical			9.30 to 11.30		
Pharmacology:					
Lecture		12 to 1			
Anaesthesia:					
Lecture		4 to 5			
Community health:					
Lecture (Sept.)	12 to 1				12 to 1
Oral surgery:					
Lecture					9 to 10
Oral pathology:					
Lecture	12 to 1				
Dental hospital practice	9 to 12		9 to 12	9 to 12.30	10 to 12
	2 to 5	2 to 4	2 to 5	2 to 5	2 to 5

Third Examination, Part 3, December (and June)

SECOND TERM					
Pharmacology:					
Lectures				4 to 5	12 to 1
Therapeutics:					
Lecture	12 to 1				
Law and ethics:					
Lecture		12 to 1			
Periodontology:					
Seminars				9 to 10	
Oral pathology:					
Practical		9 to 10			
Oral surgery and pathology:					
Tutorials		At times to be arranged			

Lectures and practical classes	*M.*	*Tu.*	*Hours* *W.*	*Th.*	*F.*
Dental hospital practice	9 to 12 2 to 5	9 to 12 2 to 5	10 to 12.30 2 to 5	10 to 12.30 2 to 4	9 to 12 2 to 5

Third Examination, Part 2, March (and September)

THIRD TERM

Oral surgery and pathology: Tutorials	At times to be arranged				
Oral surgery: Lecture					9 to 10
Conservative dentistry: Lecture		9 to 10			
General dental practice: Lecture				12 to 1	
Dental hospital practice:	9 to 12.30 2 to 5	10 to 12.30 2 to 5	9 to 12.30 2 to 5	9 to 12 2 to 5	10 to 12.30 2 to 5

NOTE: Attendance for dental hospital practice is required during the vacation to make up a total of 45 weeks a year.

Fifth Year

Lectures and practical classes	*M.*	*Tu.*	*Hours* *W.*	*Th.*	*F.*
FIRST TERM					
Psychiatry: Lecture	4 to 5				
Oral surgery and pathology: Tutorials	At times to be arranged				
Venereal diseases: Lecture				4 to 5	
Dental hospital practice	9 to 12 2 to 5	9 to 12.30 2 to 5	9 to 12.30 2 to 5	9 to 12.30 2 to 4	9 to 12.30 2 to 5

Final B.Ch.D. Examination, December (and June)

Staff

Dean of the School 1985–90	R. M. BASKER, B.D.S., *London*, D.D.S., *Birmingham*, L.D.S.R.C.S., M.G.D.S.R.C.S.
Administrative Officer	Mrs ELIZABETH A. BOWER, M.A., Dip.Ed., *Oxford*

Child Dental Health

Professor and Head of Department	M. E. J. CURZON, B.D.S., Ph.D., *London*, M.S., *Rochester*, F.R.C.D. (C.)
Senior Lecturer in Orthodontics	J. F. GRAVELY, L.D.S., *Manchester*, M.Ch.D., *Leeds*, D.Orth.R.C.S.
Senior Lecturer	C. G. FAIRPO, B.D.S., *Durham*, M.Ch.D., *Leeds*
Lecturer in Orthodontics	P. A. COOK, B.Ch.D., M.D.Sc., *Leeds*, D.Orth.R.C.S.
Lecturer	Mrs SONIA A. WILLIAMS, B.D.S., *London*, M.D.Sc., *Leeds*, D.D.P.H.
Clinical Lecturers in Orthodontics	P. M. BENZIES, B.D.S., *Sheffield*, D.D.O.R.F.P.S., *Glasgow*, D.Orth., F.D.S.R.C.S. D. B. JOHNSON, B.D.S., *Durham*, D.Orth., F.D.S.R.C.S. J. K. WILLIAMS, B.D.S., *London*, F.D.S., D.Orth. R.C.S. C. E. YOUNG, B.D.S., *Birmingham*, D.Orth., M.Sc., *London*, F.D.S.R.C.S.
Honorary Lecturer	J. F. BEAL, B.D.S., *London*, Ph.D., *Birmingham*
Honorary Tutor	Miss HELEN KNIGHT, B.D.S., *Birmingham*, M.Sc., *London*, D.Orth.R.C.S., F.D.S.R.C.S. (Ed.)
Honorary Clinical Demonstrators	J. R. CLAYTON, B.Ch.D., *Leeds*, D.D.P.H., R.C.S. Mrs R. M. WHEELER, B.D.S., *Durham*
Research Assistant	Miss BERNADETTE K. DRUMMOND, B.D.S., *Otago*, M.S., *Rochester*, F.R.A.C.D.S.
Instructor	G. WATTS

Dental Surgery

Professor and Head of Department	W. J. HUME, B.D.S., *Edinburgh*, Ph.D., *Manchester*, F.D.S.R.C.P.S., M.R.C.Path.
Senior Lecturer in Oral Surgery	A. J. MacGREGOR, B.D.S., *Durham*, D.D.Sc., *Leeds*, F.D.S.R.C.S.
Senior Lecturer in Oral Pathology	D. M. G. MAIN, B.D.S., *St Andrews*, Ph.D., *London*
Lecturers	A. S. HIGH, B.D.S., *Newcastle*, F.D.S.R.C.S.(Ed.) Miss TERESA D. METCALFE, B.Ch.D., *Leeds*, F.D.S.R.C.S. J. PEDLAR, B.D.S., M.Sc., Ph.D., *London*, F.D.S.R.C.S.
Lecturer in Anaesthesia	T. P. CRIPPS, B.A., *Oxford*, M.B.Ch.B., *Edinburgh*
Senior Clinical Lecturer in Anaesthesia	D. W. CLARK, M.B., B.S., *London*, F.F.A.R.C.S.
Clinical Lecturers in Oral Surgery	A. M. CORRIGAN, B.D.S., *London*, F.D.S.R.C.P.S., *Glasgow*, B.M., *Southampton*, F.R.C.S., *Edinburgh* D. P. DYSON, B.Ch.D., *Leeds*, F.D.S.R.C.S. D. HUTCHINSON, B.Ch.D., *Leeds*, F.D.S., D.Orth.R.C.S.
Clinical Lecturer	P. N. HIRSCHMANN, M.Sc., *London*, L.D.S., F.D.S.R.C.S., D.D.R.
Honorary Demonstrator in Clinical Dental Surgery	H. N. PARFITT, B.D.S., *London*, F.D.S.R.C.S.
Honorary Tutors in Oral Surgery	G. J. P. SOCKETT, B.D.S., *Liverpool*, M.B., Ch.B., *Dundee*, F.D.S.R.C.S. (Ed.) C. V. LANSLEY, B.D.S., *Bristol*, F.D.S.R.F.P.S. (Glasgow), M.B.Ch.B., *Bristol*
Part-time Clinical Demonstrators	S. D. ELLAMS, B.D.S., *Wales* D. J. C. STEWART, B.D.S., *Glasgow* A. G. STRATON, B.D.S., *Edinburgh*
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Ordinance IX. Collegiate Awards

1. Degrees, diplomas or certificates may be awarded to students of colleges and institutions affiliated to the University under the provisions of Ordinance I, article 8(a), upon successful completion of a scheme of study under regulations administered by the Board for Collegiate Awards.

Collegiate awards shall be:
Bachelor of Arts (Collegiate)
Bachelor of Science (Collegiate)
Bachelor of Education
Diploma of Higher Education
Graduate Certificate in Education (Collegiate)
Certificate in Education
Other Diplomas and Certificates

2. A candidate may transfer from any scheme of study leading to a collegiate award to any other scheme of study leading to a collegiate award with the approval of the appropriate college authority and of the Board for Collegiate Academic Awards.

THE DEGREES OF BACHELOR OF ARTS (COLLEGIATE) AND BACHELOR OF SCIENCE (COLLEGIATE)

3. The degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate), either as an ordinary degree or as an honours degree, shall be conferred upon candidates who have fulfilled the requirements as to study and examinations.

4. All candidates for the degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) shall be required to have passed the examination for matriculation or to have obtained a certificate of exemption therefrom, and thereafter to have pursued, except as provided by Ordinance XII, *Calendar*, part I, a prescribed scheme of *full-time study* for not less than three academic years, or a scheme of *half-time study* for not less than six academic years.

5. Except with the special permission of the Senate:

(a) Every candidate for the degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) shall be required to present himself for the degree examination in accordance with the regulations prescribing his scheme of study and to complete the degree examination by the end of the fourth academic year after the commencement of his studies on a three-year scheme or the fifth academic year on a four-year scheme or, in the case of a half-time scheme, at the end of the prescribed period of study;

(b) A candidate failing the final examination for the degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) shall not be allowed to present himself for re-examination on more than one occasion, which must be not later than the end of the fifth calendar year after the commencement of his studies for a collegiate academic award on a three-year scheme or the sixth calendar year on a four-year scheme or the end of the seventh calendar year after the commencement of his studies on a half-time scheme.

6. A candidate who has been awarded the degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) may not present himself for a second time for examination on the same scheme of study.

The Ordinary Degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate)

7. The ordinary degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) may be awarded to candidates who have pursued a scheme of study prescribed for the ordinary degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) and have passed the required examinations.

8. Candidates who have not attained a sufficiently high standard in the examination for the ordinary degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) to merit the award of that degree may, if they have fulfilled the requirements of the regulations prescribing a scheme of study for the Diploma of Higher Education, be awarded that diploma.

The Degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) with Honours

9. (a) Candidates who have pursued a prescribed scheme of study for the degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) with honours and have passed the required examinations may be awarded:
(i) the degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) with honours, class I
or (ii) the degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) with honours, class II, division (i)
or (iii) the degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) with honours, class II, division (ii)
or (iv) the degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) with honours, class III
or (v) the degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate).

(b) The names of successful candidates in each group shall be arranged in alphabetical order.

10. Except with the special permission of the Senate, a candidate for the honours degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) who does not pass the final examination at the first attempt will not be eligible for the award of the degree with honours.

11. Candidates who have not attained a sufficiently high standard in the examination for the degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) with honours to merit the award of that degree may, if they have fulfilled the requirements of the ordinary degree, be awarded that degree.

12. Subject to the regulations prescribing the scheme of study, a candidate who has passed the examinations for the ordinary degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) may proceed with an approved scheme of study for that degree with honours.

THE DEGREE OF BACHELOR OF EDUCATION

13. The degree of Bachelor of Education, either as an ordinary degree or as an honours degree, may be conferred upon candidates who have fulfilled the requirements as to study and examinations and who have satisfied the examiners in the assessment of their performance in practical teaching.

14. Except as provided in article 15 of this Ordinance, all candidates for the degree of Bachelor of Education shall be required:

either

(a) to have passed the examination for matriculation or to have obtained a certificate of exemption therefrom and to have subsequently pursued a prescribed scheme of study for not less than three academic years,

or

(b) to have registered as candidates for the Certificate in Education; to have passed the examination for matriculation during the first year of study and thereafter to have registered as candidates for the degree and to have pursued to a satisfactory standard an approved scheme of study for not less than three further academic years.

15. Serving teachers wishing to proceed to the degree of Bachelor of Education shall be required to have passed the examination for matriculation or to have gained a certificate of exemption therefrom; to have completed successfully a course of training in teaching recognized by the Department of Education and Science for the award of qualified teacher status and subsequently to have had not less than two years' approved teaching experience; to have passed or to have gained exemption from a special qualifying examination; and thereafter to have pursued an approved scheme of not less than one year of full-time or two years of part-time study.

16. Except with the special permission of the Senate:

(a) Every candidate for the degree of Bachelor of Education shall be required to present himself for the degree examination in accordance with the regulations prescribing his scheme of study and:

(i) in the case of candidates admitted under the provisions of article 14 of this Ordinance, to complete the degree examination by the end of the fourth academic year after the commencement of his studies for a collegiate academic award on a three-year scheme and by the end of the fifth academic year on a four-year scheme;

(ii) in the case of candidates admitted under the provisions of article 15 of this Ordinance, to complete the degree examination at the end of the prescribed period of study.

(b) A candidate failing the examination for the degree of Bachelor of Education shall not be allowed to present himself for re-examination on more than one occasion which:

(i) in the case of a candidate admitted under the provisions of article 14, must be not later than the end of the fifth calendar year after the commencement of his studies as a candidate for a collegiate academic award on a three-year scheme and the sixth calendar year on a four-year scheme;

(ii) in the case of a candidate admitted under the provisions of article 15, must be not later than the end of the second calendar year following the completion of his period of study.

17. A candidate who has been awarded the degree of Bachelor of Education may not present himself a second time for examination on the same scheme of study.

The Ordinary Degree of Bachelor of Education

18. The ordinary degree of Bachelor of Education may be awarded to candidates who have pursued a prescribed scheme of study, passed the required examinations and satisfied the examiners in the assessment of their performance in practical teaching.

The Degree of Bachelor of Education with Honours

19. (a) Candidates who have pursued a prescribed scheme of study, have passed the required examinations for the degree of Bachelor of Education with honours and satisfied the examiners in the assessment of their performance in practical teaching may be awarded:

(i) the degree of Bachelor of Education with honours, class I
or (ii) the degree of Bachelor of Education with honours, class II, division (i)
or (iii) the degree of Bachelor of Education with honours, class II, division (ii)
or (iv) the degree of Bachelor of Education with honours, class III
or (v) the degree of Bachelor of Education

(b) The names of successful candidates in each group shall be arranged in alphabetical order.

20. Except with the special permission of the Senate, a candidate for the degree of Bachelor of Education with honours who does not pass the final examination at the first attempt will not be eligible for the award of the degree with honours.

21. Candidates who have not attained a sufficiently high standard in the examination for the degree of Bachelor of Education with honours to merit the award of that degree may, if they have fulfilled the requirements of the ordinary degree, be awarded that degree.

22. Subject to the regulations prescribing the scheme of study, a candidate who has passed the examinations for the ordinary degree of Bachelor of Education may proceed with an approved scheme of study for that degree with honours.

23. Candidates who have not successfully completed all courses for the degree of Bachelor of Education with honours may be awarded the Diploma of Higher Education if they have fulfilled the requirements of the regulations prescribing a scheme of study for that award.

THE DIPLOMA OF HIGHER EDUCATION

24. The Diploma of Higher Education shall be conferred upon candidates who have fulfilled the requirements as to study and examinations.

25. All candidates for the Diploma of Higher Education shall be required to have passed the examination for matriculation or to have obtained a certificate of exemption therefrom and subsequently to have pursued a prescribed scheme of *full-time study* for not less than two academic years or of *half-time study* for not less than four academic years.

26. Except with the special permission of the Senate:

(a) Every candidate for the Diploma of Higher Education shall be required to present himself for the examinations for the Diploma of Higher Education in accordance with the regulations prescribing his scheme of study;

(b) A candidate failing the examination for the Diploma of Higher Education shall not be allowed to present himself for re-examination on more than one occasion which must be not later than the end of the fourth calendar year after the commencement of his studies on the full-time scheme or at the end of the fifth calendar year after the commencement of his studies on the half-time scheme.

27. A candidate who has been awarded the Diploma of Higher Education may not present himself a second time for the examination on the same scheme of study.

THE GRADUATE CERTIFICATE IN EDUCATION (COLLEGIATE)

28. The Graduate Certificate in Education (Collegiate) may be conferred upon candidates who have fulfilled the requirements as to study, examinations and performance in practical teaching.

29. Candidates for the Graduate Certificate in Education (Collegiate) shall be required to hold a degree of the University of Leeds or another approved university or institution or to hold qualifications deemed by the Senate to be equivalent thereto and subsequently to have pursued an approved one-year scheme of study.

30. Except with the special permission of the Senate:

(a) A candidate for the Graduate Certificate in Education (Collegiate) shall be required to present himself for the final examination in accordance with the regulations prescribing his scheme of study;

(b) A candidate who fails to satisfy the examiners may be permitted to present himself for re-examination only on the recommendation of his examiners. He shall not however be permitted to present for re-examination on more than two occasions or to present later than the end of the second calendar year following completion of the scheme of study.

31. A candidate who has been awarded a Graduate Certificate in Education (Collegiate) may not present himself for a second time for the examination on the same scheme of study.

THE CERTIFICATE IN EDUCATION

32. The Certificate in Education may be conferred upon candidates who have fulfilled the requirements as to study, examinations and performance in practical teaching.

33. Candidates for the Certificate in Education shall be required to hold specialist entry qualifications approved by the Board for Collegiate Academic Awards or by the Committee on Applications and to have pursued thereafter an approved scheme of study for not less than one academic year or its equivalent.

34. Except with the special permission of the Senate:

(a) a candidate for the Certificate in Education shall be required to present himself for the final examination in accordance with the regulations prescribing his scheme of study;

(b) A candidate who fails to satisfy the examiners may be permitted to present himself for re-examination only on the recommendation of his examiners. He shall not however be permitted to present for re-examination on more than two occasions or to present later than the end of the second year following completion of the scheme of study.

35. A candidate who has been awarded a Certificate in Education may not present himself for a second time for the examination on the same scheme of study.

OTHER DIPLOMAS AND CERTIFICATES

36. Diplomas other than the Diploma of Higher Education and Certificates other than the Certificate in Education and Graduate Certificate in Education (Collegiate) shall be granted by the University in such subjects as the Council may from time to time determine, to students who pursue the scheme of study and pass the examinations prescribed.

37. The Council is empowered to make regulations under which diplomas and certificates shall be awarded.

38. The power to award diplomas and certificates under the provisions of this Ordinance is delegated to the Senate.

General Regulations

THE DEGREES OF BACHELOR OF ARTS (COLLEGIATE) AND BACHELOR OF SCIENCE (COLLEGIATE)

1. The degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate), either as an ordinary or honours degree, shall be conferred upon candidates who satisfy the examiners in such collegiate and University examinations as are prescribed in the appropriate scheme of study.

2. A candidate for the degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) is required to pursue courses as laid down in the regulations prescribing the scheme of study for the degree of Bachelor of Arts (Collegiate) or Bachelor of Science (Collegiate) approved by the University for the college or institution to which he has been admitted.

3. Candidates will be admitted to the prescribed scheme of study by the college or institution.

4. A candidate's choice of courses within the prescribed scheme of study to which he has been admitted will be subject to the approval of the college or institution.

5. Candidates must present themselves for such collegiate and University examinations as may be prescribed in their scheme of study and make a serious attempt thereat. They will not, however, be permitted to present themselves for examination unless they have satisfactorily attended the prescribed courses and performed the work of the class to the satisfaction of the college or institution. Candidates must present themselves for such oral examinations as may be required by the examiners.

6. (a) Candidates at an affiliated college or institution who fail in one or more courses in the examination in either (i) the first year of a three-year Honours scheme or (ii) the first two years of a three-year Ordinary or four-year Honours scheme or (iii) the first four years of a six-year half-time scheme may be permitted to present themselves for re-examination before the beginning of the subsequent academic year. Except with the special permission of the Senate, no candidate will be admitted to a September examination unless he has presented himself for the corresponding examination in the preceding session. No candidate will be admitted to a September examination who is deemed by the examiners not to have made a serious attempt at the examination in the preceding session.

(b) Except as permitted by the Board for Collegiate Academic Awards, a candidate may not proceed to a more advanced course until he has attained a pass in the examination for the appropriate preceding courses according to the requirements of the prescribed scheme of study.

THE DEGREE OF BACHELOR OF EDUCATION

The following regulations relate to:

the three-year scheme of study leading to the ordinary degree of Bachelor of Education;
the four-year scheme of study leading to the degree of Bachelor of Education with Honours;

and
the one-year full-time and two-year part-time schemes of study leading to the degree of Bachelor of Education with Honours for serving teachers.

7. The degree of Bachelor of Education, either as an ordinary or honours degree, may be conferred on candidates who satisfy the examiners in such collegiate and University examinations as are prescribed in the appropriate scheme of study and who fulfil the requirements as to performance in practical teaching.

8. Distinction in practical teaching may be awarded to candidates who achieve a sufficiently high standard in that part of the examination.

9. A candidate for the degree of Bachelor of Education is required to pursue courses as laid down in the regulations prescribing the scheme of study for the degree of Bachelor of Education approved by the University for the college or institution to which he has been admitted.

10. The special qualifying examination for serving teachers wishing to read for the degree of Bachelor of Education with Honours under the provisions of Ordinance IX article 15 will normally be held in January each year. Applications to sit or be exempted from the examination must be submitted by 30 September in the preceding year.

11. Candidates, who must satisfy both the General Entrance Requirement and the Course Requirement specified in the prescribed scheme of study, will be admitted to the prescribed scheme of study by the affiliated college or institution.

12. A candidate's choice of courses within the prescribed scheme of study to which he has been admitted will be subject to the approval of the college or institution.

13. Candidates must present themselves for such collegiate and University examinations as may be prescribed in their scheme of study and make a serious attempt thereat. They will not, however, be permitted to present themselves for examination unless they have satisfactorily attended the prescribed courses and performed the work of the class to the satisfaction of the college or institution. Candidates must present themselves for such oral examinations as may be required by the examiners.

14. (a) Candidates following the three- or four-year scheme of study who fail in one or more courses in the examinations in the first or second year of study may be permitted to present themselves for re-examination before the beginning of the subsequent academic year. Except with the special permission of the Senate, no candidate will be admitted to a September examination unless he has presented himself for the corresponding examination in the preceding session. No candidate will be admitted to a September examination who is deemed by the examiners not to have made a serious attempt at the examination in the preceding session;

(b) Except as permitted by the Board for Collegiate Academic Awards, a candidate may not proceed to a more advanced course until he has attained a pass in the examination for the appropriate preceding courses according to the requirements of the prescribed scheme of study.

15. Except as permitted by the Board for Collegiate Academic Awards, candidates proceeding on the two-year part-time scheme of study for serving teachers shall present for the examination for each course within the scheme in the academic year in which the course is completed.

16. A candidate proceeding on the two-year part-time scheme who fails the examination for a course or courses within the scheme may, on the recommendation of the examiners and as prescribed by the Board for Collegiate Academic Awards, present for re-examination in all the courses completed in the year in which a course is failed.

THE DIPLOMA OF HIGHER EDUCATION

17. The Diploma of Higher Education shall be awarded to candidates who satisfy the examiners in such collegiate and University examinations as are prescribed in the appropriate scheme of study.

18. A candidate for the Diploma of Higher Education is required to pursue courses as laid down in the regulations prescribing the scheme of study for the Diploma of Higher Education approved by the University for the college or institution to which he has been admitted.

19. Candidates will be admitted to the prescribed scheme of study by the college or institution.

20. A candidate's choice of courses within the prescribed scheme of study to which he has been admitted will be subject to the approval of the college or institution.

21. Candidates must present themselves for such collegiate and University examinations as may be prescribed in the scheme of study and make a serious attempt thereat. They will not, however, be permitted to present themselves for examination unless they have satisfactorily attended the prescribed courses and performed the work of the class to the satisfaction of the college or institution. Candidates must present themselves for such oral examinations as may be required by the examiners.

22. (a) Candidates who fail in one or more courses in the examinations in the first year of full-time study or in the first or second years of half-time study may be permitted to present themselves for re-examination before the beginning of the subsequent academic year. Except with the special permission of the Senate, no candidate will be admitted to a September examination unless he has presented himself for the corresponding examination in the preceding session. No candidate will be admitted to a September examination who is deemed by the examiners not to have made a serious attempt at the examination in the preceding session;

(b) Except as permitted by the Board for Collegiate Academic Awards, a candidate may not proceed to a more advanced course until he has attained a pass in the examination for the appropriate preceding courses according to the requirements of the prescribed scheme of study.

GRADUATE CERTIFICATE IN EDUCATION (COLLEGIATE)

23. The Graduate Certificate in Education (Collegiate) may be awarded to candidates who satisfy the examiners in the prescribed examinations and in the assessment of their performance in teaching practice.

24. Candidates will be admitted to the prescribed scheme of study by the college or institution.

25. A candidate's choice of courses within the prescribed scheme of study to which he has been admitted will be subject to the approval of the college or institution.

26. Candidates must present themselves for such collegiate and University examinations as may be prescribed in their scheme of study and make a serious attempt thereat. They will not, however, be permitted to present themselves for examination unless they have satisfactorily attended the prescribed courses and performed the work of the class to the satisfaction of the college or institution. Candidates must present themselves for such oral examinations as may be required by the examiners.

27. Commendation or special commendation may be awarded in individual sections of the examination at the first attempt. Distinction in practical teaching may be awarded to candidates who achieve a sufficiently high standard in that part of the examination.

28. Any re-examination under the provisions of article 30(b) of Ordinance IX will take place at the appropriate affiliated college or institution.

29. Candidates who are required to be re-assessed in practical teaching shall not be eligible for this until they have had such further experience in practical teaching as may be required by the relevant college or institution.

CERTIFICATE IN EDUCATION

30. The Certificate in Education may be awarded to candidates who satisfy the examiners in the prescribed examinations and in the assessment of their performance in teaching practice.

31. Candidates for admission to initial training courses leading to the Certificate in Education must either possess specialist qualifications approved by the Board for Collegiate Academic Awards or by the University Committee on Applications, or be admitted following a special resolution of the University Committee on Applications.
Additional entry qualifications may be required at the discretion of the college.

32. Candidates will be admitted to the prescribed scheme of study by the college or institution.

33. A candidate's choice of courses within the prescribed scheme of study to which he has been admitted will be subject to the approval of the college or institution.

34. Candidates must present themselves for such collegiate and University examinations as may be prescribed in their scheme of study and make a serious attempt thereat. They will not, however, be permitted to present themselves for examination unless they have satisfactorily attended the prescribed courses and performed the work of the class to the satisfaction of the college or institution. Candidates must present themselves for such oral examinations as may be required by the examiners.

35. Commendation or special commendation may be awarded in individual sections of the examination at the first attempt. Distinction in practical teaching may be awarded to candidates who achieve a sufficiently high standard in that part of the examination.

36. Any re-examination under the provisions of article 34(b) of Ordinance IX will take place at the appropriate affiliated college or institution.

37. Candidates who are required to be re-assessed in practical teaching shall not be eligible for this until they have had such further experience in practical teaching as may be required by the relevant college or institution.

DIPLOMAS OTHER THAN THE DIPLOMA OF HIGHER EDUCATION AND CERTIFICATES OTHER THAN THE CERTIFICATE IN EDUCATION, AND GRADUATE CERTIFICATE IN EDUCATION (COLLEGIATE)

38. Diplomas and Certificates shall be awarded to candidates who have fulfilled the requirements as to study and who have satisfied the examiners as may be prescribed.

39. Candidates will be admitted to courses leading to Diplomas and Certificates by the college or institution.

40. Candidates for Diplomas and Certificates must have attended satisfactorily the required courses and must have fulfilled the requirements as to assessment. Candidates who fail to satisfy the examiners may be permitted to re-present themselves on one occasion only, which must be within a period of two calendar years following their failure. Candidates may be required by the Senate to repeat the course in whole or in part before re-examination.

41. Candidates must present themselves for such oral examinations as may be required by the Examiners.

42. Diplomas may be awarded with distinction to candidates with a high overall achievement in their first attempt at the examinations.

43. Schemes of study have been approved leading to the award of the following diplomas and certificates:
Diploma in Applied Educational Studies* (part-time)
Diploma in Art Education (part-time or full-time)
Diploma in Counselling (part-time)
Diploma in Dramatherapy
Diploma in the Education of Children with Special Needs (Collegiate) (part-time)
Diploma in the Education of Young Children
Diploma in English Studies
Diploma in Further Education
Diploma in Guidance and Counselling (part-time)
Diploma in Religious Education (part-time)†

* Offered jointly by the Colleges of Bretton Hall, North Riding, Ripon and York St John, and Trinity and All Saints.
† Offered jointly by the College of Ripon and York St John and Trinity and All Saints' College.