

The
Cambridge
University
Handbook

1978-79

THE
CAMBRIDGE
UNIVERSITY
HANDBOOK

1978-79



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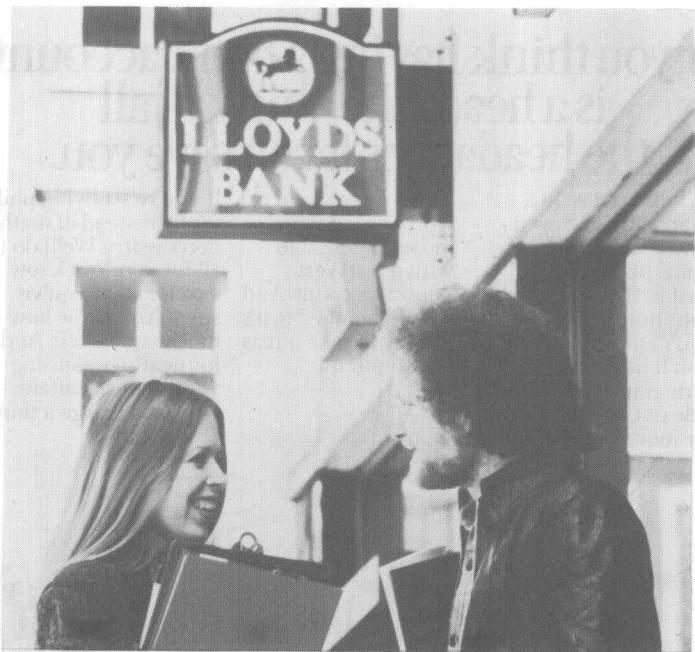
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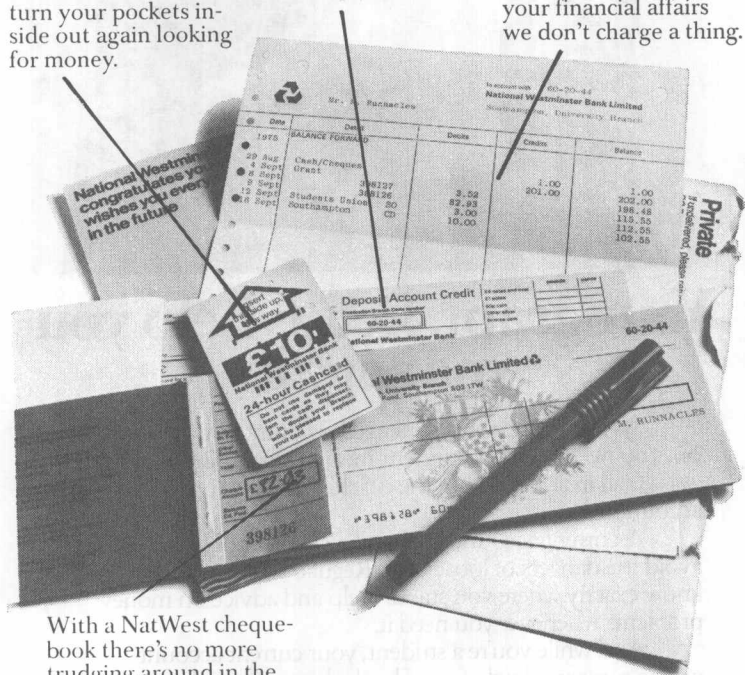
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PREFACE

The Cambridge University Handbook is designed to include most of the information, particularly about courses, which a prospective candidate for admission to Cambridge will need, and which an undergraduate will usually wish to have readily available.

The *Handbook* is not a substitute for the University Ordinances. Much of it is based on the Ordinances, and it contains an abridged account of some of them, but it must not be regarded as having the authority of the actual regulations. These are to be found in the latest edition of the *Statutes and Ordinances of the University of Cambridge* (published every three years) and the *Amending Statutes and Supplementary Ordinances* (published in each year in which the Statutes and Ordinances are not published) as they are amended from time to time by Grace or by notice published in the *Cambridge University Reporter*.

A complete list of University administrative and teaching officers, members of University bodies, and representatives of the University on other bodies may be found in a special issue of the *Cambridge University Reporter* issued at the beginning of each term and also in the *Commonwealth Universities Yearbook*. A booklet entitled *University of Cambridge: Information and Regulations*, a copy of which is issued to every freshman, gives a full account of the regulations relating to residence and discipline and also information about medical and dental arrangements, libraries, and museums. The *Cambridge Admissions Prospectus* is published each year by the Cambridge Tutorial Representatives for the guidance of candidates applying between March and September for entry in October the following year. It contains details of individual Colleges, their Tutors, teaching Fellows, and Directors of Studies.

The Editors are grateful for help received from many quarters, and they will be glad to have their attention drawn to any mistakes that they may have made.

UNIVERSITY REGISTRY

25 July 1978

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THE UNIVERSITY

The University is a self-governing body; the legislative authority is the Regent House, which consists mainly of the teaching and administrative staff of the University and Colleges. The Senate, which consists of all holders of the M.A. or higher degrees, has now only certain formal duties, other than meeting for the discussion of Reports made by the Council of the Senate and other bodies. The chief administrative body of the University is the Council of the Senate, which is elected by the Regent House. The General Board of the Faculties co-ordinates the educational policy of the University and the Financial Board supervises its financial affairs.

The nominal and ceremonial head of the University is the Chancellor, who is elected for life. The Vice-Chancellor is a head of a College who is nominated for election by the Council of the Senate and normally holds office for two years. He presides over Congregations of the Regent House, at which degrees are conferred, and is Chairman of the Council of the Senate and the more important of the many Boards and Syndicates which manage the affairs of the University.

Changes in the Ordinances, or regulations, of the University are proposed by the Board or Syndicate concerned in the form of reports which, after being approved for publication by the Council of the Senate, are published in the *Cambridge University Reporter*. Such reports can be commented on by members of the Senate at Discussions which are held once a fortnight in Full Term. A report may be amended after remarks made in a Discussion. Subsequently a Grace, which is a motion for the approval of recommendations made in a report, is submitted to a vote of the Regent House. Minor amendments of Ordinances are proposed in Graces which the Council of the Senate submit for the approval of the Regent House without the formality of Report and discussion. Ordinances may not infringe the University Statutes. The procedure for making amendments of the Statutes is the same as for the Ordinances, but such amendments require the approval of the Queen in Council, after the approval of the Regent House has been obtained.

The educational and research activities of the University are organized in Faculties, some of which are subdivided into Departments. All are answerable to the General Board of the Faculties.

Through the Faculties, the University is responsible for lectures and laboratory work. The University also conducts all examinations and awards degrees; but it is the Colleges which select students for admission, arrange the tuition of undergraduates either individually or in small groups, and see to the welfare, both academic and personal, of undergraduates. All undergraduates admitted by the Colleges must, however, satisfy the University's matriculation requirements.

Cambridge University Reporter

The *Cambridge University Reporter* is the official newspaper of the University and is published every Wednesday in Full Term; extra numbers are published as occasion requires. The *Reporter* can be obtained from the Cambridge University Press, Bentley House, 200 Euston Road, London, NW1 2DB. The annual subscription is £12, post free, and the terminal subscription £4, post free. Single copies cost 15p each plus postage.

All University announcements and reports to the Regent House are published in the *Reporter* and there are the following special issues: the Lecture-list, which is published at the beginning of the Michaelmas Term (and costs 35p, postage extra), with lists of additions and corrections published at the beginning of the Lent and Easter Terms; the List of University Administrative and Teaching Officers, etc., which is published at the beginning of each term; the Awards number which is published in November; the list of examination timetables which is published in April; and the Class-list issues, which are published in June (students going out of residence before the results of their examinations are announced are able to arrange with some newsagents for the relevant issue to be posted to them).

Administrative officers

Chancellor: His Royal Highness The Prince Philip, Duke of Edinburgh, K.G., P.C., K.T., O.M., G.B.E.

Vice-Chancellor (1978-79): Sir Alan Cottrell, sc.D., F.R.S., Master of Jesus College. (The Vice-Chancellor is elected, a year at a time, generally for two years, from among the Heads of Colleges.)

Proctors (1978-79): A. W. F. Edwards, sc.D., of Gonville and Caius College, and B. J. Uscinski, M.A., PH.D., of King's College. (The Proctors are disciplinary officers nominated by the Colleges in rotation.)

Registrar: R. E. Macpherson, M.A.

Secretary General of the Faculties: A. D. I. Nicol, M.A., PH.D.

Treasurer: T. C. Gardner, M.A.

Professors

(as from 1 October 1978)

Aerial Photographic Studies	J. K. S. St Joseph, LITT.D.
Aeronautical Engineering (Francis Mond)	W. A. Mair, M.A.
Agriculture (Drapers)	J. W. L. Beament, sc.D.
American History and Institutions (Pitt)	S. Thernstrom (for the year 1978-79)
Anatomy	R. J. Harrison, M.D.
Ancient History	M. I. Finley, M.A.
Ancient Philosophy (Laurence)	G. E. L. Owen, M.A.
Anglo-Saxon (Elrington and Bosworth)	P. A. M. Clemons, PH.D.
Animal Embryology (Charles Darwin)	C. R. Austin, M.A.
Animal Pathology	Prof. E. J. L. Soulsby, M.A.
Applied Mathematics	G. K. Batchelor, PH.D.
Applied Numerical Analysis (John Humphrey Plummer)	M. J. D. Powell, B.A.
Applied Thermodynamics (Hopkinson and Imperial Chemical Industries)	Sir William Hawthorne, M.A.
Arabic (Sir Thomas Adams's)	R. B. Serjeant, PH.D.
Archaeology (Disney)	G. E. Daniel, LITT.D.
Architecture	C. A. St J. Wilson, M.A.
Astronomy and Experimental Philosophy (Plumian)	M. J. Rees, M.A., PH.D.
Astronomy and Geometry (Lowndean)	J. F. Adams, M.A., PH.D.
Astrophysics	D. Lynden-Bell, M.A., PH.D.
Biochemistry (Sir William Dunn)	Sir Hans Kornberg, sc.D.
Biology (Quick)	R. R. A. Coombs, sc.D.
Biophysics (John Humphrey Plummer)	Sir Alan Hodgkin, sc.D.
Botany	R. G. West, sc.D.
Cell Physiology	Lord Adrian, M.A., M.D.
Chemical Engineering (Shell)	J. F. Davidson, sc.D.
Chemical Microbiology	E. F. Gale, sc.D.
Chemistry	A. D. Buckingham, PH.D.
Chemistry	J. Lewis, sc.D.
Chemistry (Alexander Todd Visiting)	Vacant
Chinese	D. C. Twitchett, M.A., PH.D.

- Civil Law (Regius) P. G. Stein, M.A., LL.B.
 Classical Archaeology (Laurence) A. M. Snodgrass, M.A., PH.D.
 Clinical Biochemistry C. N. Hales, M.D., PH.D.
 Clinical Oncology (Cancer Research Campaign) N. M. Bleehen, M.A.
 Community Medicine R. M. Acheson, M.D., SC.D.
 Comparative Law J. A. Jolowicz, M.A.
 Comparative Philology W. S. Allen, M.A., PH.D.
 Computer Science D. J. Wheeler, B.A., PH.D.
 Computer Technology M. V. Wilkes, M.A., PH.D.
 Criminology (Wolfson) N. D. Walker, LITT.D.
 Divinity (Ely) G. C. Stead, M.A.
 Divinity (Lady Margaret's) Miss M. D. Hooker, M.A.
 Divinity (Norris-Hulse) N. L. A. Lash, M.A., PH.D.,
 B.D.
 Divinity (Regius) G. W. H. Lampe, D.D.
 Drama R. H. Williams, LITT.D.
 Ecclesiastical History (Dixie) C. N. L. Brooke, LITT.D.
 Economic History D. C. Coleman, M.A.
 Economics (1965) R. R. Neild, M.A.
 Economics (1970) F. H. Hahn, M.A.
 Education P. H. Hirst, M.A.
 Electrical Engineering P. S. Brandon, M.A.
 Engineering (1875) D. E. Newland, M.A.
 Engineering (1966) A. H. W. Beck, M.A.
 Engineering (1966) M. F. Ashby, M.A., PH.D.
 Engineering (1966) A. N. Schofield, M.A., PH.D.
 Engineering (1971) J. Heyman, M.A., PH.D.
 Engineering (1974) A. G. J. MacFarlane, M.A.
 Engineering (1977) K. L. Johnson, M.A.
 Engineering (Rank) J. E. Ffowcs Williams, M.A.
 English I. R. J. Jack, LITT.D.
 English C. B. Ricks, M.A.
 English Constitutional History G. R. Elton, LITT.D.
 English Law (Rouse Ball) H. W. R. Wade, LL.D.
 English Literature (King Edward VII) J. F. Kermode, M.A.
 Experimental Psychology O. L. Zangwill, M.A.
 Finance and Accounting Sir Richard Stone, SC.D.
 (P. D. Leake)
 Fine Art (Slade) R. L. S. Bruce-Mitford (for
 the year 1978-79)
 French (1972) Miss A. A. B. Fairlie, PH.D.