

**City of Leeds and Carnegie College,  
Beckett Park,  
Leeds, 6  
Telephone Leeds 59061**

## **City of Leeds College of Education**

Few colleges can be more fortunate in their site. A few miles to the north and north-west are the Yorkshire Dales and Pennine moors, and to the east and north-east is the Vale of York. The variety of the countryside will be a revelation to those who have thought of Leeds only as part of the industrial West Riding.

Beckett Park is three miles from the centre of Leeds and about two from the university, so theatres, music, libraries, good shops and all the amenities of a large and active university city are within easy reach. York too, with its historical associations, university and theatre, is not far away, and Harrogate is even nearer.

The estate of nearly a hundred acres includes woodland and open parkland, a garden for rural studies, and playing fields. It was originally the park of Kirkstall Grange, an eighteenth-century mansion now used as a hall of residence. The original buildings, erected in 1912, include the teaching block, seven halls of residence and the swimming bath. Buildings erected in recent years include a hall of residence, the refectory, new buildings for science and modern languages, gymnasias, a covered training area, a medical centre and a student centre.

From the beginning the College has been mixed, and all students, whether first, second or third year, men or women, meet as equals in its society. Each of the nine halls is in the charge of a resident tutor, but most of their day-to-day administration and social life is in the hands of an elected committee of students. At College level there is a Students' Union affiliated to the National Union of Students and responsible amongst other things for the co-ordination and financing of student activities, including a wide variety of societies and clubs. The membership fee is included in the tuition fee, which is covered by grant, but all students pay an extra fee, which entitles them to membership of all societies recognised by the Union, including the various games clubs.

The College was established in 1907 by the Leeds Education Committee, who appoint its governing body. It is an affiliated College of the University of Leeds and a constituent member of the University of Leeds Institute of Education, which is responsible for conducting the final examination for the Certificate in Education. Successful candidates are awarded the Certificate in Education of the Institute and are recognised by the Department of Education and Science as qualified teachers.

observed in the field and the laboratory; (2) biological investigational techniques; (3) an original study-project with field and/or laboratory aspects, required from each student.

## Chemistry

It is assumed that the subject has been studied previously to the Advanced level of the G.C.E. The course includes topics selected from the fields of general, physical, organic and inorganic chemistry, with particular attention to modern developments that are already affecting or may in the future affect the ways in which the science is taught in schools. In addition to course practical work, each student is required to undertake one or more special studies involving practical work on topics approved by the College.

## Physics

It is assumed that the subject has been studied previously to the Advanced level of the G.C.E. Some of the general headings under which the work may be classified and which are given special attention are: mechanics, fields of force, electromagnetism, electrons and ions, wave propagation, quantum theory, spectra, wave-particle phenomena, the atomic nucleus, thermodynamics, properties of solids, liquids and gases. The course has a strongly practical bias, and experimental work is divided into three main categories: (1) a selection of set experiments covering a wide range of experimental techniques; (2) relatively short problem-solving investigations; (3) longer, individual, experimental studies. Any student beginning the course is required to have an Ordinary level pass in mathematics with some knowledge of differential and integral calculus; any further mathematics required is taught as part of the course.

## Rural Studies

The course is designed for students interested in gardening, farming, forestry and other similar activities. An established garden provides material for the learning of a range of skills, including propagation and culture of fruits, shrubs, herbaceous plants and crops, management of glasshouses, rockeries and lawns, garden design and crop preservation (drying, canning etc). Bee-keeping, poultry-keeping, and the rearing of free-flying water-fowl and game birds, or of fish and other wild species, give opportunity for experience in the management of small animals. Out-of-door activities are encouraged throughout, and the principles underlying practice, together with consideration of the relationships between the human and non-human worlds, receive due attention.

## Music

The department is provided with music lecture rooms, practice studios, pianos of all types, a two-manual harpsichord, a clavichord, a virginal, a practice organ and a two-manual pipe organ. String, brass and woodwind instruments are available on loan, and tuition is available to beginners on most instruments. Students participate in brass ensemble,

orchestra and choral society. Some keyboard ability is required, although players of other instruments can take up piano playing from the beginning. Associated Board examinations, or Ordinary and Advanced level music, are a useful preparation, but are not essential.

### Art and Craft

The art and craft department has seven studios equipped for dress, fabric (printing, embroidery etc), painting, pottery and sculpture. There are seven lecturers and a technician. In the first year short courses are given on fabric, pictorial and three dimensional work. Students also practise drawing and lettering, and carry out experiments in the typical media used by children in schools. In the second year specialisation begins and each student chooses one craft or aspect of art as his special study. This continues through the third year but students are encouraged to work in other media as their interests lead them and time allows. Courses of lectures on the historical, aesthetic and educational aspects of art are given throughout the course.

### Handicraft and Technical Studies

The College has a large and comprehensive handicraft and technical studies department with new and up-to-date accommodation and equipment, including workshops for woodwork, engineering, forging, casting, welding, silversmithing, jewellery, enamelling and plating, and an engineering laboratory, all under the supervision of specialist tutors. Students take a general woodwork, metalwork and design course in their first year, and cover a wider range of crafts in the second year, giving attention to their relationship to school work. In the third year they specialise and reach a high standard in one particular branch of secondary school craftwork. Drawing is an essential part of the course, but the emphasis is on the wider aspects of design rather than the accepted technical drawing syllabuses. Some industrial experience is desirable and the College arranges it during part of the summer vacations. All candidates must have a keen interest in craft work but they need not necessarily have taken craft subjects in their examinations.

### Physical Education

Men wishing to specialise in secondary teaching take the joint course run by this College and Carnegie College of Physical Education, which is on the same campus. (More details of this course are in the Carnegie College handbook.) The other physical education main course is for men and women and is intended for students preparing to teach children between the ages of 5 and 13. It is a theoretical and practical study of the principles of physical education, including the educative processes involved in creative and recreative physical activities. In practical work students have full opportunity to improve their personal skills in, and their ability to coach, major and minor games, athletics, dance, drama, gymnastics, swimming and outdoor activities.

## Staff of City of Leeds College of Education 1967-68

Principal: L. Connell, M.Sc., Ph.D.

Vice-Principal: Miss D. I. Waite, M.A.

Deputy Principal: F. C. Willmott, M.A.

### Education

Miss D. Brewer, B.A., M.Ed.  
Miss J. Haworth, M.A., Ph.D.  
J. C. Uncles, B.A.  
G. R. Allford, M.A., M.Ed.  
R. F. Briggs, B.A., M.Ed.  
R. S. Buzzing, B.Sc. (Econ.)  
A. E. Carter, B.A.  
D. Child, B.Sc.  
D. Fontana, B.A.  
G. E. Ginnever,  
Miss J. Gledsdale,  
    Froebel Certificate  
D. M. Jepson, B.A.  
W. R. Macmillan, M.A.  
B. Metcalfe, M.A.  
Miss N. Parkinson,  
    Froebel Certificate.  
Miss G. A. Price  
G. D. Rainbow  
M. N. Tarpey, B.A.  
G. Vernon  
C. R. Wylie, B.A.

### English

B. R. Dyson, M.A., Ph.D.  
Miss D. C. Cruickshank, M.A.  
B. Dean, B.A.  
R. G. Holloway, B.A.  
G. K. Laycock, M.A.  
J. T. Linstrum, B.A.

Miss C. Parry, B.A.  
R. Perkin, B.A.  
T. Pey, M.A.  
J. E. H. Rogers, B.A.  
Miss M. G. Round, M.A.  
Miss C. M. P. Taylor, M.A.  
K. Willis, B.A.  
A. A. Wilson, B.A.

### History

R. J. Porter, M.A.  
Miss J. E. Exwood, B.A.  
Miss J. N. Pogson, B.A.  
D. Robson, M.A.  
R. T. Spence, B.A., Ph.D.  
P. D. Wenham, B.A.  
D. G. Wright, B.A., Ph.D.

### Geography

G. E. Bell, M.Sc., M.Ed., Ph.D.  
D. A. Fawcett, B.A.  
K. Orrell, B.Sc.  
W. B. Pick, B.A.  
T. M. Renwick, B.Sc.  
Miss J. Stainthorpe, B.Sc.  
B. Toft, B.A.  
H. Tolly, M.A.

### Mathematics

A. Barraclough, B.Sc.  
G. D. Harper, B.Sc.  
R. Heath, B.Sc.

Miss M. Pomfret, B.Sc.  
D. J. West, B.Sc.  
J. R. Wilson, M.A.

### Science and Rural Studies

G. E. W. Hebditch, M.A.  
J. K. Stuart, B.Sc., F.R.I.C.  
E. A. Calder, B.Sc., Ph.D.  
J. C. W. Houghton, M.A.  
N. J. Baxter, B.Sc.  
J. W. Hadwin, B.Sc.  
D. R. Hill, B.Sc.  
H. R. Hoste, B.Sc., M.I.Biol.  
R. Leigh, B.Sc.  
N. D. Wigglesworth, B.Sc.  
W. Wills, B.Sc.  
A. Wilson, B.Sc.

### Art and Craft

H. Dickinson, A.T.D.  
K. L. Bibby, A.T.D.  
F. Corr  
J. B. Holmes, Slade Diploma  
M. A. Little  
J. H. Wess, A.T.D.  
Miss E. J. Wilson, N.D.D.

### Handicraft and Technical Studies

A. F. Shirley, F.Coll. H.  
G. Allison  
A. A. Brown, A.T.D.  
D. A. Jones

L. H. Laic  
A. H. Moore  
R. A. A. Rignall

### Music

J. Snow, Mus.B., F.R.C.O.  
R. Boswell, A.R.C.M., G.R.S.M.,  
    B.Mus.  
J. T. Hammond, M.A.  
Mrs. J. M. Porter, L.R.A.M.

### Physical Education

R. Gillibrand  
Miss E. Whitwam  
H. Collins  
Miss D. S. Greenwood  
J. Malpass  
Mrs. M. Newby  
A. G. Roche

### Audio-Visual Aids

E. V. Beer

### Library

R. B. Bateman, F.L.A.  
Miss J. Newiss, B.A., A.L.A.

Bursar

T. Easom, F.C.I.S.

Medical Officer:

R. I. M. Hepworth, M.B., Ch.B.

Nurse:

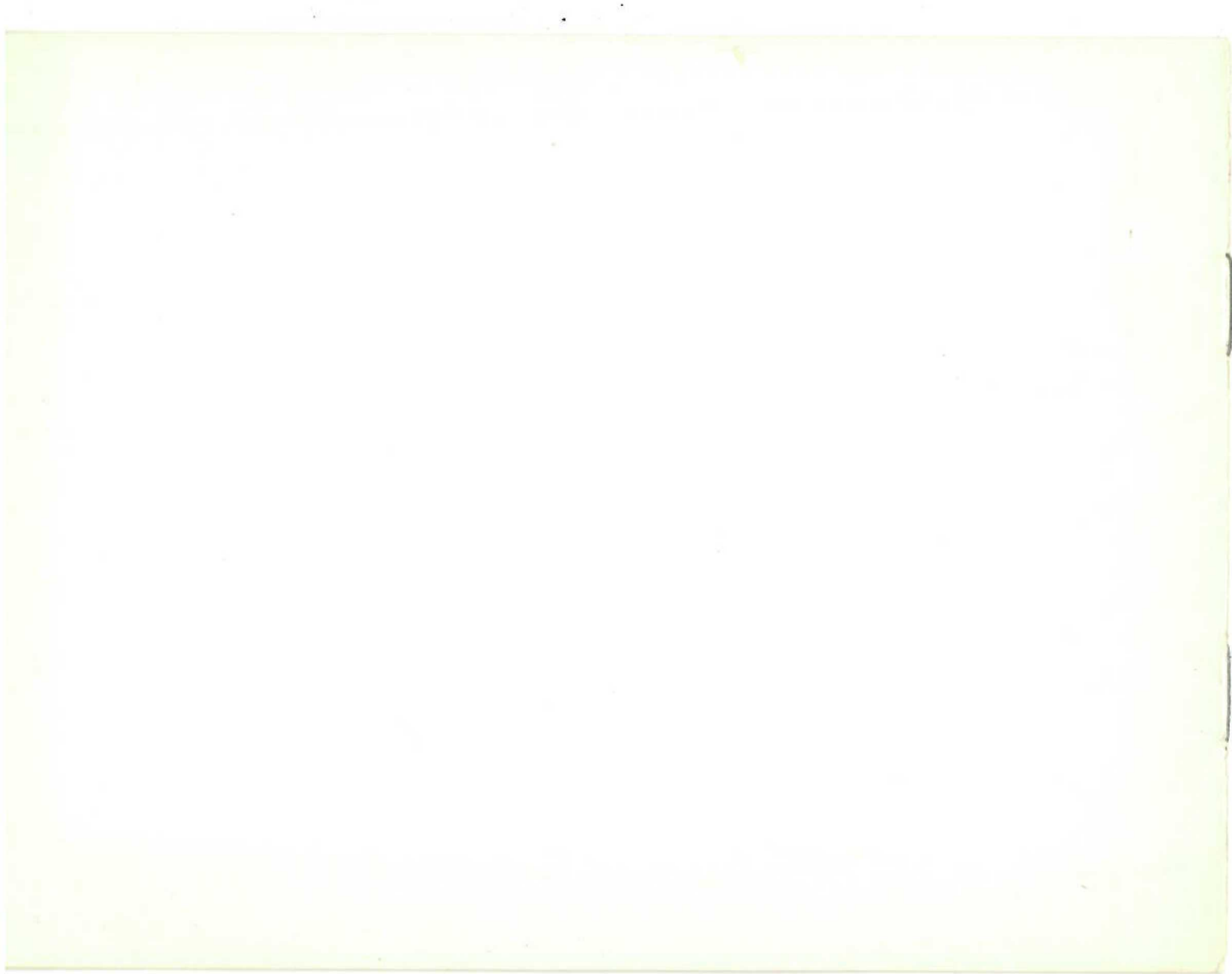
Sister M. Chubb, S.R.N.

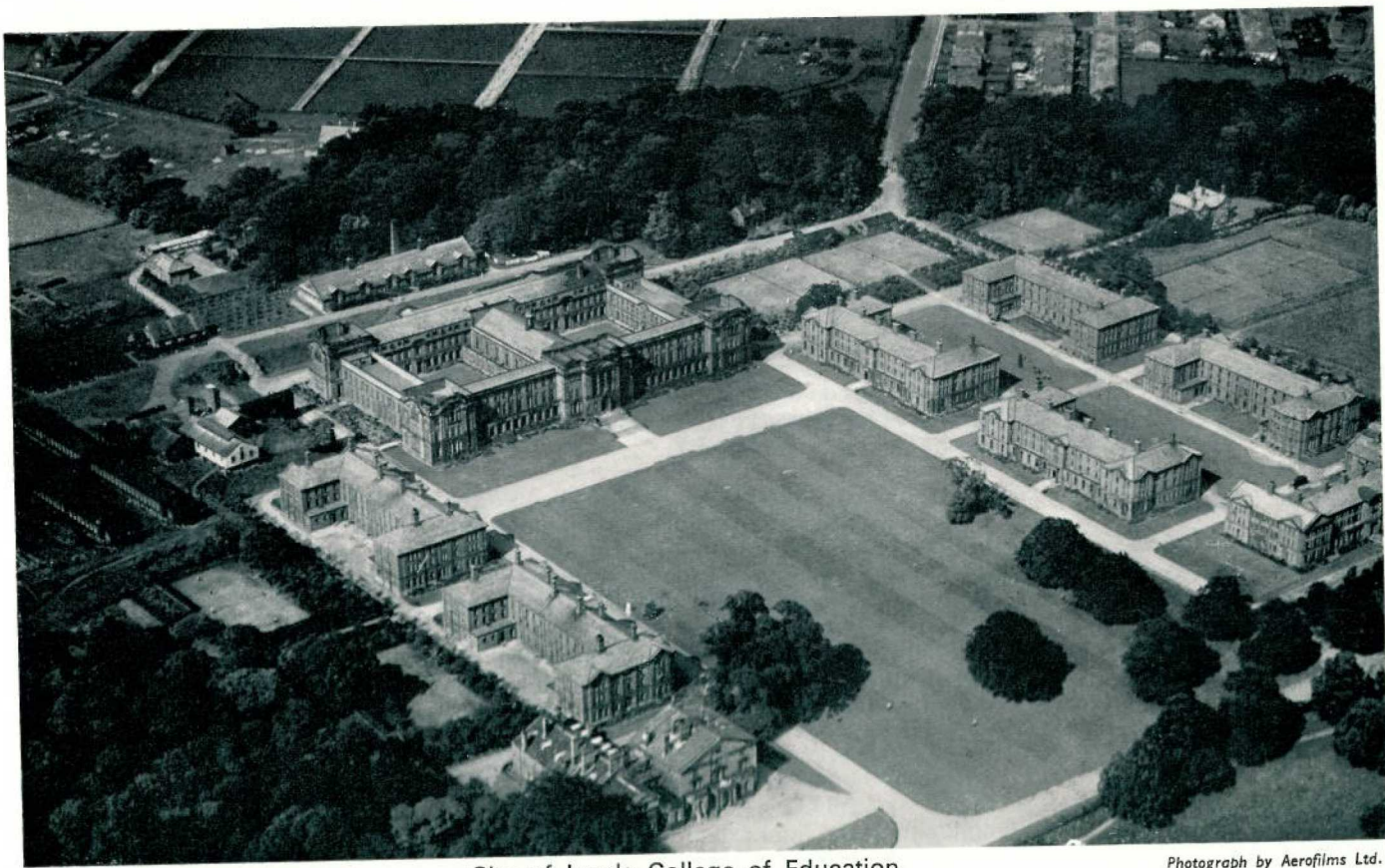
FRENCH.

P. D. Hamilton, B.A.  
Mrs. M. Parry, B.A.  
Mrs. B.E. Coles, B.A.  
A. Smalley, B.A., F.I.L.

RELIGIOUS KNOWLEDGE.

A. E. Elms, B.A., B.D.  
S. L. Evans, B.A.  
A. Harvey, B.A.  
C. J. Kitchell, M.A.  
Mrs. B. Onions, B.A.





City of Leeds College of Education

Photograph by Aerofilms Ltd.

## Carnegie College of Physical Education

Carnegie College of Physical Education was opened in 1933 on the same campus as the City of Leeds College of Education to train specialist men teachers in physical education. Since 1960 the two colleges have worked in close co-operation to provide a joint course for such teachers. According to present (June 1967) intentions, Carnegie College of Physical Education will be merged with the City of Leeds College of Education in September 1968. The new College will be called City of Leeds and Carnegie College. All the physical education of the College will take place in the Carnegie School of Physical Education, a constituent part of the College.

### Three-Year Course

Students follow a three-year course of study for the Certificate. Older candidates with good academic qualifications and suitable experience may be considered for admission to a two-year course of training. (Normally these candidates should be not less than 23 years of age, and should have followed a full-time course at a university or similar institution.)

Courses covering the following age-ranges are provided:—

- |                     |            |                      |               |
|---------------------|------------|----------------------|---------------|
| (1) Infant          | (2) Junior | (3) Junior/Secondary | (4) Secondary |
| (5) Secondary/Youth |            |                      |               |

Choice (4) is at present confined to the following:—

- (a) intending specialist teachers of science. (The College is among those specially recognised by the Department of Education and Science for the training of teachers of science.)
- (b) intending specialist teachers of physical education (men only).
- (c) intending specialist teachers of mathematics, handicraft, religious knowledge and modern languages.

Courses are not entirely restricted to the age-group indicated.

The curriculum includes:—

- (a) courses in the Principles and Practice of Education (including Human Biology and Physical Education), English (including Literature), Mathematics and Religious Knowledge;
- (b) a main course in a subject of the student's choice;
- (c) a subsidiary course or courses designed to increase the student's competence to teach the subjects concerned;
- (d) curriculum courses.

By the end of the second year, English (other than main course English), the subsidiary and curriculum courses are completed (and where appropriate examined), leaving the third year free for concentration on Education and the main course subject. The time-table of lectures, seminars and tutorials is considerably lightened in this third year.

MAIN COURSES are offered for men and women in : English, French, History, Geography, Religious Knowledge, Mathematics, Physics, Chemistry, Biology, Rural Studies, Music, Physical Education, Art and Craft, Handicraft and Technical Studies (Woodwork, Metalwork, Technical Drawing and Design).

SUBSIDIARY COURSES ARE offered in French, History, Geography, Religious Knowledge, Mathematics, Physics, Chemistry, Biology, Human Biology, Foundations of Science, Music, Drama, Handicraft, Physical Education, and Art and Craft.

Candidates for admission state on their application form which main course subject they prefer. If accepted they are given guidance in choosing their subsidiary subjects, but the choice is not binding and a student may be allowed to change an unsuitable course for one more suited to his tastes and ability.

Teaching practice and educational visits are arranged in a wide variety of schools, most of them in Leeds or the West Riding of Yorkshire. Within a few weeks of entering College students are given the opportunity to spend a fortnight in a school covering their chosen age-range. They may also, if they wish, help in various kinds of social work, including youth clubs, play centres and clinics.

## Degree of Bachelor of Education

Students on the three-year course are eligible to register for the degree of Bachelor of Education of the University of Leeds, an honours degree awarded after a fourth year. Registration is made at the end of the first year. Degree candidates must have satisfied the normal matriculation requirements of the University of Leeds except that, for the time being, a few other candidates may be specially recommended by the College. As this special concession will end soon, students who hope to take the degree course are strongly advised to obtain normal matriculation qualifications before they enter College. Students who register for the degree will proceed to a fourth year of study if their results

in the Certificate in Education examinations are up to the standard defined by the University of Leeds. The syllabus for this year is published separately by the University.

### Special Courses

The following special courses are also provided :—

- (a) A one-year course for intending handicraft teachers. Candidates must have passed in Part 1 and Section 1 of Part II of the Handicraft Teacher's Certificate Examination or hold the Full Technological Certificate of the City and Guilds of London Institute or a Higher National Diploma or Certificate before they begin the course.
  - (b) A one-year course, open to graduates and holders of equivalent qualifications, for the Graduate Certificate in Education.
  - (c) One-year supplementary courses for qualified teachers in the following subjects :—  
Handicraft (men only).  
The education of backward children.
  - (d) One-term courses for qualified teachers in the following subjects :—  
New methods and materials for the teaching of physics.  
Teaching of secondary school children of average and below-average ability.
- Full details of any of these courses will be supplied on request.

### Admission to Three-Year Course

#### 1. Examination Qualifications.

The minimum examination qualifications for candidates for admission to the College as three-year students are as follows :—

A General Certificate of Education with :—

- (a) passes in five subjects at the Ordinary level ;
- or (b) passes in three subjects at the Ordinary level and one other subject at the Advanced level ;

- or (c) passes in two subjects at the Ordinary level and two other subjects at the Advanced level;
- or (d) passes in three subjects at the Advanced level, provided that there is evidence that other subjects have been studied beyond the age of 16.

It is not necessary to have passed in the required number of subjects at one and the same examination for the General Certificate of Education, but the necessary passes must be obtained before the candidate enters the College.

The College requires to be satisfied of a candidate's ability to express himself in good English, both spoken and written. A pass in the General Certificate of Education, or a Grade 1 pass in the Certificate of Secondary Education, or an equivalent qualification, is the minimum examination qualification accepted, but a further test of spoken English may be given at interview.

These entry requirements may be waived in exceptional circumstances.

## 2. Other Qualifications.

Candidates for admission to the College must:—

- (a) be at least 18 years of age on 1 October in the year of admission;
- (b) satisfy the College as to character, probable suitability for the teaching profession, and health and physical capacity for teaching;
- (c) be British subjects either normally resident in England or Wales, or resident in Scotland or Northern Ireland and having the support of their home Education Department. (An exception to this rule may be made with the approval of the Department of Education and Science.)

Most students are "recognised students", receiving grant under the Training of Teachers Grant Regulations of the Department of Education and Science.

Application forms for admission to the College may be obtained from the Principal, and should be returned to him between 8 October and 15th October, or as soon as possible after, in the year preceding that in which candidates wish to be admitted. Later applications may be considered but early application is recommended. A candidate who has had teaching experience should send with his application form a report from his head teacher.

## Withdrawal of Unsatisfactory Students

The College may demand the withdrawal of any student whose work or conduct is unsatisfactory or who, on grounds of health or for any other reason, does not appear likely to become an efficient teacher.

## Grants and Fees

Full details may be obtained on enquiry at the office of the applicant's Local Education Authority, which is normally responsible for the assessment of grants and parental or student's contribution towards boarding fees. Tuition is free for all recognised students.

Details of the boarding and tuition fees charged to private students, i.e. those not recognised by a Local Education Authority or Education Department, will be provided on request.

## Main Course Subjects

### English

This information about main courses is intended to help candidates in their choice. The aims of this course are : to encourage students to examine and discuss books for themselves, without being unduly over-awed by accepted critical opinion or orthodox G.C.E. Advanced level notes ; to encourage the copious reading over a wide range of literature of all ages that is necessary before a student can put any given work into perspective ; through this wide reading to enable a student to choose that narrower field for deeper study that will be the subject of his thesis, and may be his special interest for the rest of his life ; to examine the educational implications of English, and methods of teaching it in schools ; to encourage students to write for their own pleasure. The course consists of lectures on English literature, life and thought from Chaucer to the present day, with some consideration of the nature of language, and seminars, i.e. discussion groups of from 9 to 12 students, with considerable freedom to choose their own topics, under the supervision of their personal tutor. Examination is largely by assessment of work written throughout the course.

### French

The language work is designed to produce fluency in spoken and written French, and involves regular language laboratory practice and work with a native French speaker. Twentieth-century French literature is studied throughout the course. At the same time there is a chronological study of literature to show the main streams of French thought, and also some study of the history and geography of France, together with a detailed examination of certain aspects of contemporary French life. An important aspect of the course is a study of the aims, methods and techniques of modern language teaching. A wide variety of modern aids and audio-visual courses is examined. Students are required to spend a short period of study in France during their course.

### History

The main course in history consists of two parts, an outlines course and a special period. The former is designed to provide a perspective of the development of western civilisation and revision of areas of English history that students have not studied since early school life but are often asked to teach in school. Close attention is paid in this part of the course to the problems of teaching history to children of different age groups. The outlines course runs for two years and is assessed partly by course work and partly by examinations at the end of each year. For special study three of the following four periods are available each year : England in the 16th century ; England in the 17th century ; England in the 18th century ; the U.S.A. since 1865. Students may choose any one of these special periods, provided that they do not repeat at College the study of the period taken for the G.C.E. Advanced level examination. A study of the period is undertaken in depth, including work on documents and the literature

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Geography of the time. In the final year the work is exclusively on the special period and includes a piece of individual work on the period chosen by the student. Assessment of this part of the course is by examination.

In the first year world studies in physical and human geography are undertaken together with map and cartographic work ; field studies are made locally and in other parts of Yorkshire. In the second year British Isles studies and two branches of systematic geography, geomorphology and biogeography, are brought into the course ; map and cartographic work is extended, and field work in Yorkshire leads on to a field course in another area of Britain. In the third year two major world regions are studied, and branches of systematic work in human geography and a course in statistical work are introduced. In addition, each student selects one study from a number of more specialised subjects, and presents an individual dissertation based on field investigation. Field studies lead on to a field course in Western Europe. Throughout the three years a progressive course in geography in education is undertaken.

Religious Studies In the first year, alongside biblical studies, the course includes the ecumenical movement, worship and doctrine. Biblical theology, its nature and relevance to school and society, is studied in the second and third years, together with the philosophy of religion, moral philosophy and Christian ethics. Attention is also given to the comparative study of religion. No prior qualifications are necessarily required in either Ordinary or Advanced level passes, or express commitment to a specific Christian position, but it is expected that students will have an interest in religious and moral values and their embodiment in school life and teaching.

Mathematics The course aims to consolidate, enlarge and add more relevance to the mathematical background of students. It includes a study of mathematics for its own sake, applied or applicable mathematics, showing the subject at work in the real world, and the historical development of mathematical ideas as part of our cultural heritage. During the course opportunity is taken to study the teaching of school mathematics and how children learn mathematics, and to give some knowledge of modern mathematics.

Biology It is assumed that the subject has been studied previously to the Advanced level of the G.C.E. The course is regarded as having two main phases : the statement and illustration of basic biological principles, and the special interpretation of these principles. It may be classified in three main sections : (1) fundamental principles of biology interpreted through morphological, physiological and ecological studies of selected groups of living organisms