Preparing for MEDICINE AND DENTISTRY

BMAT & UKCAT 2013-14



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BioMedical Admissions Test Preparation

BMAT – for admission to Medicine, Dentistry and Veterinary Medicine (6 universities). This is a subject specific admission test compulsory for applicants to:

- University of Cambridge
- Imperial College London
- University of Oxford
- Royal Veterinary College
- University College London
- Lee Kong Chian School of Medicine

BMAT Preparation Courses (1 Day)

The BMAT course covers the full range of aptitudes and skills required to take the test, as well as the Key Stage 4 Core Science and Higher Mathematics needed for the scientific knowledge and applications part of the test.

Through intensive question practice, students build confidence and learn valuable test-taking skills. Students are also given revision packs to take home for further practice.

Each course consists of a full day starting at 9.30am and ending at 5.00pm. To register please complete the enclosed registration form.

The BMAT test can be taken at Albemarle on Wednesday 6th November at 9.00 am.

Key Dates

Standard entry closing date at Albemarle: Late entry* closing date at Albemarle: BMAT Course Dates (at Albemarle): Tuesday 1st October Tuesday 15th October Saturday 5th October Saturday 12th October

BMAT Course & Examination Fees

Course Fee: £250

Exam Fee (taken at Albemarle): £125 *late entries incur an extra fee of: £45

Course & Exam Fee (booked together): £300



The BMAT Test

The BMAT is a 2-hour, pen-and-paper test divided into three sections. It does not require a lot of extra study as it is a test of skills and knowledge that learners are expected to have already. The BMAT is divided into three sections:

Section 1: Aptitude and Skills

What does it test? Generic skills in problem-solving, understanding

arguments, data analysis and inference.

Questions 35 questions, multiple choice or short answer

Timing 60 minutes

Section 2: Scientific Knowledge and Applications

What does it test? The ability to apply scientific knowledge from school

science and maths up to and including the level of

National Curriculum Key Stage 4.

Questions 27 questions, multiple choice or short answer

Timing 30 minutes

Section 3: Writing Task

What does it test? The ability to select, develop and organise ideas, and

to communicate them in writing, concisely and

effectively.

Questions One essay question from a choice of four questions

Timing 30 minutes

UK Clinical Aptitude Test Preparation

UKCAT – for admission to Medicine and Dentistry (26 universities). This is a subject specific admission test compulsory for applicants to:

- University of Aberdeen
- Brighton and Sussex Medical School
- Cardiff University
- University of Dundee
- Durham University
- University of East Anglia
- University of Edinburgh
- University of Exeter
- University of Glasgow
- Hull York Medical School
- Imperial College Graduate Entry
- Keele University

- King's College London
- University of Leeds
- University of Leicester
- University of Manchester
- Newcastle University
- University of Nottingham
- Plymouth University
- Queen Mary, University of London
- Queen's University Belfast
- University of Sheffield
- University of Southampton
- University of St Andrews
- St George's, London
- Warwick Graduate Entry

UKCAT Preparation Courses (1 Day)

Each course consists of a full day starting at 9.30am and ending at 5.00pm. To register please complete the enclosed registration form.

Most students taking the UKCAT course will be new to aptitude tests and so they are taught strategies on how to approach the test, as well as given a thorough explanation as to the structure and content of each test. They then focus on practising questions, identifying weaknesses and study techniques. Students are also given revision packs to take home for further practice.

The UKCAT tests must be taken at Pearson Professional Centres (see UKCAT website for details of how to register).



UKCAT Key Dates

Registration deadline (online): 20th September Testing begins: from 1st July

(all tests conducted at Pearson Professional Centres)

Last test date: 4th October

UKCAT Course Dates (at Albemarle): Friday 30th August

Friday 6th September

UKCAT Course & Examination Fees

Course Fee: £250

The UKCAT Test

The test assesses a range of mental abilities identified by university Medical and Dental Schools as important. There is no curriculum content as the test examines innate skills. Each subtest is in a multiple-choice format and is separately timed. The UKCAT test comprises:

- Verbal reasoning assesses ability to critically evaluate information that is presented in a written form.
- Quantitative Reasoning assesses ability to critically evaluate information presented in a numerical form.
- Abstract Reasoning assesses the use of convergent and divergent thinking to infer relationships from information.
- Decision Analysis assesses the ability to make sound decisions and judgements using complex information.
- Situational Judgement measures capacity to understand real world situations and to identify critical factors and appropriate behaviour in dealing with them.

Section	Items	Standard Test
Verbal Reasoning	44 items	22 minutes
Quantitative Reasoning	36 items	23 minutes
Abstract Reasoning	55 items	14 minutes
Decision Analysis	28 items	34 minutes
Situational Judgement	71 items	27 minutes
Total Time		120 minute

UK Dentistry Degrees

University of Birmingham

Current A Level Offer

A Level Reas Biology A, Chemistry A

Candidates are expected to offer Chemistry A*, Biology GCSF Reas A* (or dual award science A* A*), Maths and English

Language A

Additional Regs An AS level B from year 12 in addition to the three A

levels

University of Bristol

Current A Level Offer AAA

A Level Regs Chemistry and any science

GCSE Reqs Min 5 A/A* inc: English Language, Maths and 2 Science

subjects, or Science and Additional Science

Additional Regs Biology preferred as second science, and must be

offered at at least AS level grade A. Second science

subject must be laboratory based.

University of Cardiff

Current A Level Offer AAA

Chemistry and Biology A Level Regs

English Language B, Maths B, Science and Additional GCSE Reqs

Science B (or Biology, Chemistry, Physics 2 B) Results must be from first sitting. No pref given to Additional Regs

applicants who offer a Science subject as third A Level.

Test 2 (IOT) must be completed.

University of Dundee

Current A Level Offer

Biology plus two from Chemistry, Physics or Maths. Third A Level Reas

of these subjects at GCSE at B

GCSE Reqs English Language C plus a third science subject (at B or

2) not offered at A level or SQA Higher

Additional Reas Grades AAA required at the first attempt, two years

after GCSE. The UK Clinical Aptitude Test (UKCAT) also

required.

University of Glasgow

Current A Level Offer AAR

A Level Regs Chemistry and Biology

GCSE Regs

Additional Regs Must have AAB in A2 by end of year 13, with at least BBB

at first sitting in Year 12 of AS. Pref given to applicants gaining English, Maths, Physics, Chemistry and Biology (or Science Double Award AA) at GCSE Grade A. Strong pref given to applicants with AS English. The UK Clinical

Aptitude Test (UKCAT) also required.

University of Leeds

Current A Level Offer

A Level Regs Biology A, Chemistry A GCSE Regs English C, Maths C

Additional Regs

University of Liverpool

Current A Level Offer

A Level Regs Biology and Chemistry. Third subject may be from Arts

or Sciences. General Studies, Critical Thinking and

Vocational/Applied not accepted

Min seven academic grade A inc Maths and English GCSE Reas

Language (vocational/applied GCSEs not accepted)

Additional Regs

King's College London (University of London)

Current A Level Offer AAAa

Biology A, Chemistry A A Level Reas English B, Maths B GCSF Reas

Additional Regs Biology A and Chemistry A or one of Biology/Chemistry at

A-level A and the other at AS level A. If Maths offered at A-level, then Further Maths is only considered at AS-level. The UK Clinical Aptitude Test (UKCAT) also required.

University of Manchester

Current A Level Offer

Biology A, Chemistry A A Level Reas

Min six grade A (inc Integrated Double Award Science or GCSE Reqs

Physics, Chemistry and Biology). Grade B GCSE English

Language and Maths normally required

Additional AS-level, grade B required. The UK Clinical Additional Regs

Aptitude Test (UKCAT) also required.

Newcastle University

Current A Level Offer AAA

Biology and Chemistry A Level Reas

GCSE Reqs Additional Regs

Third subject could be science but we particularly welcome arts or humanities. The UK Clinical Aptitude

Test (UKCAT) also required.

Queen Mary, University of London

Current A Level Offer

Chemistry or Biology A Level Reas

AAABBB to include Biology (or Human Biology), GCSE Reas

Chemistry, English Language and Maths (or additional Maths or Statistics). Science double award may

substitute all sciences

Min two science A2s (one should be Biology or Additional Reas

Chemistry) plus a third A2 (can be science or non science). Plus AS level B in any academic subject. If A level Maths offered, Further Maths is not counted as a separate A2 but acceptable as an additional AS level only. The UK Clinical Aptitude Test (UKCAT) also required.

Queen's University Belfast

Current A Level Offer

Chemistry A plus Biology A, Maths A or Physics A A Level Reas GCSE Reqs Physics or Double Award Science, Maths and English

If not offered at A level, AS level Biology/Human Biology Additional Regs

grade B required. Only one A level and one AS level in Maths subjects may be counted. Max of either one Applied A level or Applied AS level will be counted. The UK Clinical Aptitude Test (UKCAT) also required.

University of Sheffield

Current A Level Offer

A Level Regs Chemistry and Biology

Six grade A inc English, Maths and Sciences GCSE Reqs Additional Regs The UK Clinical Aptitude Test (UKCAT) is required.

University of Plymouth

Current A Level Offer

A Level Reas GCSE Reqs

Seven A-C, inc English Language, Maths and either

Single and Additional Science, Extended Science or

Additional Regs

Graduate Medical School Admissions Test (GAMSAT) and

The UK Clinical Aptitude Test (UKCAT) both required.

UK Medical Degrees

University of Aberdeen

Current A Level Offer

A Level Reas Chemistry & Biology, Maths or Physics

Standard grade (grade 3+above) or GCSE (grade GCSE Reas

C+above) pass in English & Maths. Biology & Physics also

Additional Regs UK Clinical Aptitude Test (UKCAT) also required.

University of Birmingham

Current A Level Offer

A Level Regs Chemisty & Biology

Normally, A* in each of English, Maths & Science/s. GCSE GCSE Reqs

performance will be considered.

Additional Regs . The A2 modules of three subjects must be undertaken

in year 13. Predictions of AAA normally required.

Brighton & Sussex Medical School

Current A Level Offer AAA

Biology A, Chemistry A A Level Regs GCSE Reas English B, Maths B

University of Bristol

Current A Level Offer

Chemistry A & one laboratory-based science A Level Reas GCSE Reas Five A or A* in Maths, English Language & two science

subjects

University of Cambridge

Current A Level Offer A*AA

A Level Regs Three from Chemistry, Biology, Physics & Maths GCSE Reqs Standard A level offer is A*AA. Chemistry required to at

least AS level.

University of Cardiff

Current A Level Offer

A Level Regs AAA at A-Level, to include two science subjects from

Biology, Chemistry, Physics & Maths (or Statistics) GCSE Reqs English Language B, Maths B plus AA in double science

or AAB in single sciences.

Additional Regs One AS Level in a fourth subject. At least one A2 Level science (Biology or Chemistry). If not offered at A Level,

Biology & Chemistry must be offered at AS Level - grade

University of Dundee

Current A Level Offer

A Level Regs Chemistry A, any Science subject A + any subject A. GCSE Regs English Language C, Biology B. Standard grade: English

3, Biology 2.

AAA required at first sitting of A-Levels (2 years after Additional Regs

GCSE).

University of Durham

Current A Level Offer

inc Chemistry &/or Biology at A or AS level & excluding A Level Reas

General Studies or Critical Thinking. If only one of Biology or Chemistry is offered at A or AS level, the other should be offered at GCSE grade A (or Dual Award

Science grade A)

Once the academic criteria have been met, academic GCSE Reas

achievement is not considered further in application

Additional Regs Normally, all applicants to have achieved A Levels on their first attempt. For resits to be considered extenuating circumstances should be supported by

evidence from your school or GP.

University of East Anglia

Current A Level Offer

Biology A + Chemistry A or Physics A A Level Reas

GCSE Reas Six GCSE A including English, Maths & two sciences.

Short courses not accepted.

University of Edinburgh

Current A Level Offer AAAb

A Level Regs Chemistry + Maths or Physics or Biology.

GCSE Reqs Standard grade Credit (or Intermed 2) in Biol, Chem, English, Maths. GCSE B in Biology, Chemistry, English,

Maths. Double Award Combined Sciences at grade BB may be acceptable. Additional Applied Science/ Applied

Science not accepted.

Additional Regs AAAb required. Biology required to at least AS level.

Only one of Maths or Further Maths will be accepted.

University of Exeter

Current A Level Offer A Level Regs

Chemistry + either Biology or Physics

A*AA - AAA

GCSE Reqs GCSE English Language C Additional Regs

Graduate Medical School Admissions Test (GAMSAT). Applicants who do not have GCSE, A level or equivalent results, or who completed A levels more than two full academic years (September to August) previously, must sit GAMSAT, regardless of any other qualification held.

http://www.gamsatuk.org

University of Glasgow

Current A Level Offer

A Level Regs Chemistry + Biology or Maths or Physics

GCSE Reqs Additional Regs

Biology or Human Biology in addition to Chemistry preferred. If Biology is not studied at A2 it should be taken at AS level or GCSE. Biology & Human Biology are considered as equal subjects. Passes in 4 AS subjects are expected from Lower Sixth. GCSE English grade B also required. We do not consider Maths & Further Maths as

two separate subjects at A Level.

University of Hull-York

Current A Level Offer

Chemistry & Biology. A Level Reas

GCSE Reqs Six GCSE subjects A-C inc grade A English Language A &

Maths A

Imperial College, University of London

Current A Level Offer

Biology or Chemistry. A Level Regs GCSE Reqs

AAABB (in any order) in Chemistry, Biology, Physics, Maths, English Language. Science Double Award may

substitute all GCSE sciences.

Keele University

Current A Level Offer A Level Regs

A*ABb - AAAb

Biology or Chemistry + any Science.

GCSE Reqs Four GCSE A. English Language & Maths at B or above. Biology, Chemistry, Physics or Core & Additional Science

at B or above.

Additional Regs

A*ABb - AAAb required, to include Biology or Chemistry plus Physics or Maths/Further Maths. If not taken to A level, Chemistry must be offered to AS level grade B. We do not accept the following combinations: Maths with Further Maths, Biology/Human Biology with

Physical Education.

UK Medical Degrees

King's College, University of London

Current A Level Offer

A Level Reas Chemistry or Biology

At least English Language B & Maths B, if not offered at GCSF Reas

Additional Reqs Chemistry & Biology required - if only one at A-level, the

other must be at AS level

University of Lancaster

Current A Level Offer AAAb

A Level Regs Biology & Chemistry. Only one of Maths & Further Maths

will be considered.

Min 15 points from 9 subjects (A or $A^* = 2$ pts; B = 1 pt). GCSE Reas

Subjects must include Core & Additional Science (or Biology, Chemistry & Physics), Maths & English (B or

above).

A2, A (Chemistry); A (Biology); A (third A level); plus B in Additional Regs

4th AS level. Only one of Maths or Further Maths will be

University of Leicester

Current A Level Offer

A Level Regs Biology & Chemistry.

Min C in GCSE English Language, Sciences/Dual Award GCSE Reqs

Science & Maths if not held at A/AS level

Additional Regs Normally four AS level subjects in first year, inc

Chemistry & Biology.

University of Liverpool

Current A Level Offer

A Level Regs Chemistry, Biology, third subject plus B in 4th subject GCSE Regs

9 separate subject areas, attained by end of Year 11 with a min of 15 points or better ($A^*/A = 2$; B = 1). Including: Core & Additional Science (or Biology, Chemistry, & Physics), English Language, & Maths (all at

Chemistry & Biology + third subject taken at one sitting, Additional Regs

usually after 2 years of study (plus 4th subject to at

least AS level)

University College London (UCL), University of London.

Current A Level Offer

Chemistry & Biology. A Level Reas

GCSE Reas English Language B, Maths B. For UK-based students,

grade C or equivalent in a foreign language (excl. Ancient Greek, Biblical Hebrew or Latin). UCL provides opportunities to meet this requirement following enrolment at UCI

Univesity of Manchester

Current A Level Offer

A Level Regs Chemistry A + one from Biology, Human Biology,

Physics, Maths or Further Maths, + one further rigorous academic subject (60% theoretical content)

GCSE Regs Min. 7 subjects at C or above; min 5 at A or A*. Physics & Biology either at AS or GCSE grade C. (Chemistry is essential at A2). Min BB for Dual Science. English

Language B, Maths B.

Additional Regs AAA inc Chemistry, with exams taken at the same

sitting after no more than 2 years of study. Applicants who perform exceptionally well at interview but who fail to meet these grades may also be accepted. A combination of 3 sciences will be regarded as equally

acceptable at A2-level.

University of Newcastle

Current A Level Offer

A Level Reas Chemistry or Biology

If only one of Biology or Chemistry is offered at A or AS GCSF Reas level, the other should be offered at GCSE grade A (or

Dual Award Science grade A).

University of Nottingham

Current A Level Offer

A Level Regs Chemistry A + Biology A or Human Biology A GCSE Regs

Min six grade A inc all three Sciences or the double Science award. English Language & Maths at B or above. A grade Physics AS level is acceptable in lieu of GCSE

Physics B.

University of Oxford

Current A Level Offer

A Level Regs Chemistry + Biology, Physics or Maths GCSE Maths & Double award in Science GCSE Reqs Additional Regs

Candidates not offering Physics or Biology A or AS-level must have either that subject or dual-award science at GCSE. Candidates not offering Maths at A or AS-level

must have Maths at GCSE.

University of Plymouth

Current A Level Offer A*AA - AAA

A Level Regs Chemistry & either Biology or Physics

GCSE Regs Seven grades A-C, inc English Language, Maths and

either Single & Additional Science, Extended Science or

Biology & Chemistry.

Additional Regs A level A*AA or AAA inc Chemistry + Biology or Physics.

Four AS level mingrade C inc Biology. General Studies at

A/AS level is not included within any offer.

Queen Mary, Uni of London (Barts & The London School of Medicine & Dentistry)

Current A Level Offer

A Level Regs

AAAb Chemistry or Biology + any Science subject

Grades AAABBB to include Biology (or Human Biology), GCSE Regs

Chemistry, English Language & Maths (or additional Maths or Statistics). Science double award may

substitute all sciences.

Additional Regs Min two science A2's (either Biology or Chemistry) plus

a third A2 which can be another science or non science subject. Plus an additional AS level grade B in any academic subject. If A level Maths is offered, Further Maths is not counted as a separate A2 but acceptable

as an additional AS level only.

Queen's University Belfast

Current A Level Offer

A Level Regs

Chemistry A + Biology A, Maths A or Physics A GCSE Physics or Double Award Science. GCSE Maths & GCSE Regs

English Language.

Additional Regs If not offered at A level then Biology/Human Biology AS

level grade B is required. Not more than one A level & one AS level in Maths may be counted. Max of one Applied A level or one Applied AS level will be counted.

University of Sheffield

Current A Level Offer

A Level Regs Chemistry & any Science subject.

GCSE grade C English, Maths & the Sciences (may be GCSE Reqs

dual awards). At least six GCSE A grades.

Additional Regs Science includes Biology, Physics, Maths or Psychology.

Applicants should normally achieve ABBB at AS Level. A Levels must be taken in one sitting, resits not accepted.



University of Sheffield

Current A Level Offer

A Level Reqs Chemistry + any science (Biology, Physics, Maths or

Psychology)

GCSE Reqs Min six A, min C in English, Maths & the Sciences (may

be dual awards).

Additional Regs Applicants should normally achieve ABBB at AS Level. A

Levels should be taken in one sitting, resits not acepted.

University of Southampton

Current A Level Offer AAA A Level Reqs Chemistry.

GCSE Regs Seven A-B inc: Maths, English, Physics, Chemistry &

Biology (Double Award Science or Combined Science

are also appropriate) or equivalent

Additional Regs Min A in AS level Chemistry & Biology/Human Biology

acceptable in lieu of A level Chemistry. Individual Unit Grades for A & AS levels will not be considered.

University of St Andrews

Current A Level Offer AAA

A Level Regs Chemistry + Biology, Maths or Physics

English, Maths, Chemistry, Biology at grade B or grade 2 GCSE Regs

Standard grade unless offered at Higher, Int2, AS or A-

Additional Reqs If Biology or Maths not passed at A-level, each must

normally have been passed at AS level or GCSE B

St George's, University of London

Current A Level Offer AAAb - BBCb

A Level Regs AAA required at A level with grade B in a distinct AS

level. Chemistry & Biology required, at least one to A level, the other to AS level. Lower grades will be

GCSE Regs 416 points from top eight GCSEs, inc English Language,

Maths & Dual Award Science or Single Sciences (i.e. an average of grade A). GCSE English Language grade B or

IELTS 7.0 (with no section less than 6.5).

Additional Regs Modules may be retaken in year 12 or 13 without

penalty but grades must be obtained within two years

of study.

University of Dundee

Current A Level Offer

A Level Regs Chemistry + another Science + third subject of your

own choice

GCSE Regs Biology to at least GCSE level.

Additional Regs Results should be obtained at one sitting and at the first

attempt, two years after GCSE. GCSE & AS level results

will also be taken into account.

University of Leeds

Current A Level Offer AAA

A Level Regs including Chemistry GCSE Regs

At least 6 grade B inc: English, Maths, Dual

Science/Double Science, or Chemistry & Biology

Combinations not acceptable: Chemistry with Biology & Additional Regs Human Biology. Chemistry with Maths & Further Maths

Compiled June 2013 based on the current UCAS information at the time. Additionally all applicants must complete UKCAT or BMAT. Use of this resouces does not remove the need for students to complete thorough research

themselves. All information should be double checked before an application is submitted.

Please note: course entry requirements do change so please check with the course provider for the latest information. Not all universities require BMAT or UKCAT.

Medical Sciences Programme

Albemarle offers a programme of support within the College to assist students in their application to medical school. This includes:

- One-to-one tutorials with a personal tutor to support and advise in the writing of the UCAS application, including the personal statement
- Assistance with the securing of an appropriate work experience placement
- A medical debating society to improve understanding of the ethical issues in medicine, including an opportunity to present a debate to the entire College
- Practise interviews with experienced tutors with coaching on how to improve
- Advice on applying for courses outside the UK (e.g. American Universities or Medical Schools in Europe)
- Coaching in the BMAT and UKCAT aptitude tests

Studying Medicine & Dentistry in Europe

Albemarle has a longstanding relationship with a number of prestigious Medical and Dental Schools throughout Europe and we have several alumni who have opted to pursue these professional degree courses at European universities – including Charles University in Prague, Cardenal Herrera University in Valencia, Spain, Iuliu Hatieganu University in Cluj, Romania amongst others.

Albemarle does not act as an agent for any of these universities so all of our students can rest assured that they will receive free and impartial advice from us as to the benefits, costs and difficulties of studying in Europe. Having seen alumni graduate and return to the UK to practice Medicine and Dentistry we definitely believe that this is a viable alternative for certain students.

What Our Students Say



Karishma Patel A-level Grades:Biology: A, Chemistry: A, English Literature: A.

When I joined Albemarle I was apprehensive as I didn't know if I could I wanted. Through dedicated teaching, encouragement and guidance from my Personal Tutor I started to believe it was possible. Although Albemarle is a small college, the friendly atmosphere and helpful staff and teachers made learning easy and enjoyable. I achieved the grades I needed but without the guidance and advice on study technique I had from the tutors at Albemarle I wouldn't have been successful in the BMAT exam nor gained my place at Imperial Medical School.

Karishma is currently reading Medicine at Imperial College, University of London.



Kate Daly A-level Grades:Biology: A, Chemistry: A, Maths: A.

on the verge of giving up on my dream to become a Vet, and would probably have settled for doing a degree in Animal Science. The tutors at Albemarle were great and as I knew nothing about aptitude tests before attending this course, they helped me to feel much more confident and to put my mind at ease.

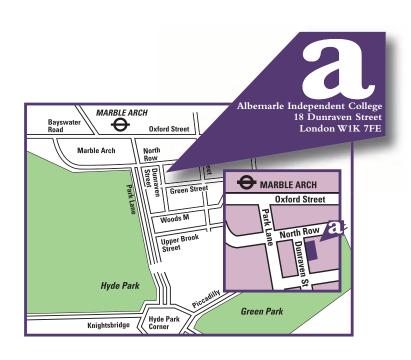
Kate is currently reading Veterinary Medicine at the Royal Veterinary College.



Ali Hussain
A-level Grades:
Business Studies: A, Chemistry: B, Biology: B.

Albemarle built my confidence and made me believe that I was actually good enough to try for a place at Dental school. After having successfully completed my A-levels at Albemarle I chose to study Dentistry in Spain as I was very impressed with the facilities at Cardinal Herrera University in Valencia and the fact that the programme is taught in English.

Ali is currently in his 2nd year studying Dentistry at CEU in Valencia.



Albemarle Independent College, 18 Dunraven Street, Mayfair, London W1K 7FE

Tel: 020 7409 7273 Fax: 020 7629 9146

www.albemarle.org.uk