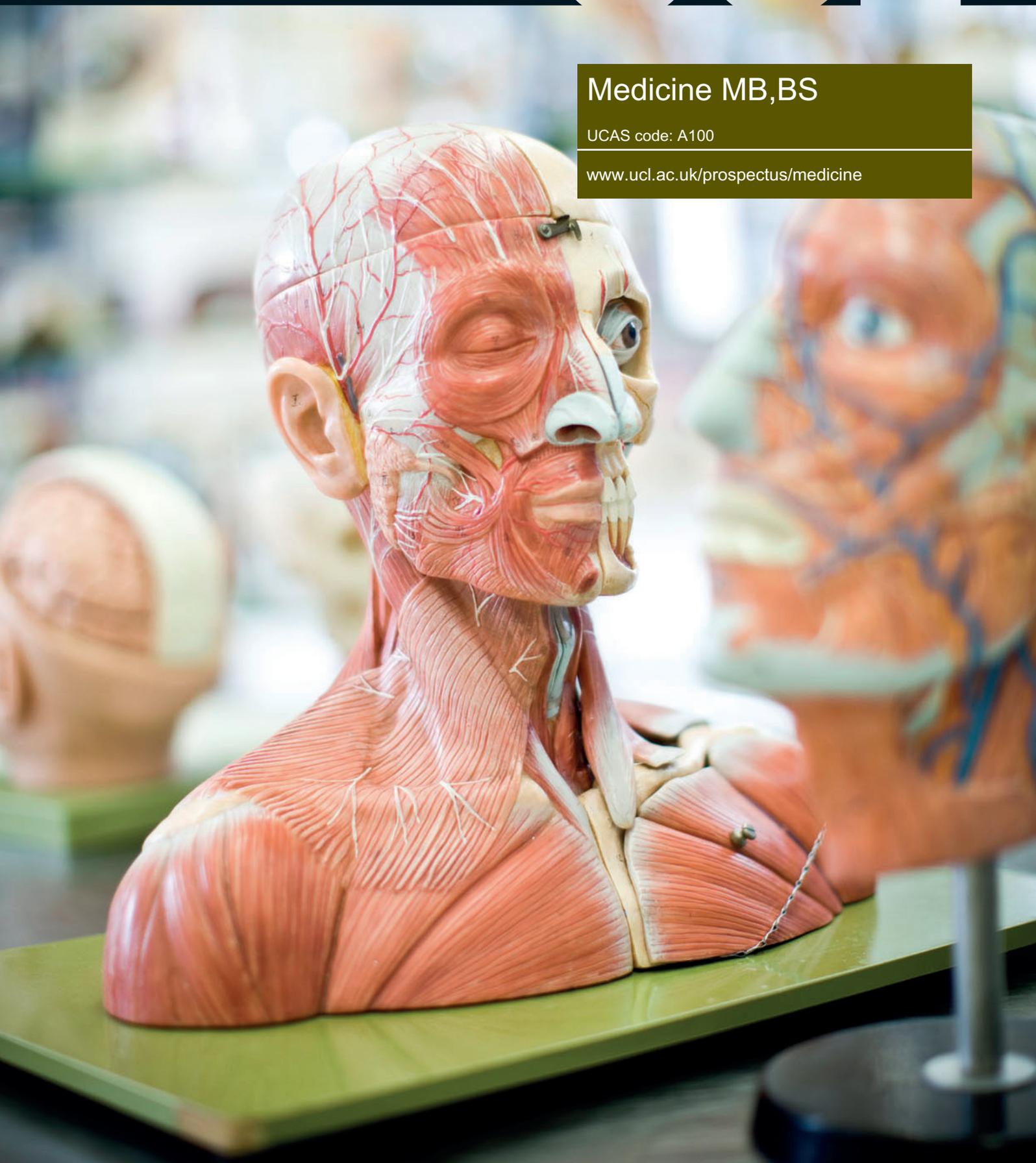




## Medicine MB,BS

UCAS code: A100

[www.ucl.ac.uk/prospectus/medicine](http://www.ucl.ac.uk/prospectus/medicine)



# MEDICINE MB,BS

This programme is based around key health problems, clinical presentations and patient pathways. It addresses the scholarship and science, technical know-how, practical skills and professional attributes for each problem/presentation and incorporates illustrative patient journeys. From the beginning, you will have clinical contact with patients, doctors and health professionals.

## Degree summary

- As a student of medicine at UCL you will be joining an important and prestigious medical school, which is part of the largest academic health science centre in Europe.
- Six former students and staff have been awarded Nobel Prizes and medical advances have included the discovery of adrenaline, the immune system, the hormone aldosterone and auto-immune disease.
- Your time at UCL will be greatly enhanced by being taught by those at the forefront of international research in the basic medical sciences and clinical medicine.
- Our location in central London provides access to exciting clinical attachments in a range of settings.

Your degree will follow a six-year programme inclusive of an integrated BSc (year 3, except for UK graduate entrants). The curriculum leads to the award of the Bachelor of Science (BSc) and Bachelor of Surgery (MB BS).

Each year is comprised of a series of 'horizontal modules' incorporating the vertical themes (e.g. scholarship and science, social determinants of health, patient safety, professionalism, use of medicines). Student-selected components (SSCs) in a variety of topics (including languages, arts, humanities and teaching) also form a compulsory part of the programme.

For highly motivated and especially able students there is the opportunity to obtain a PhD in addition to the BSc and MB BS degrees. A small number of students are selected each year for the MB PhD programme; selection takes place during the integrated BSc year (year three) or during year two for graduate entrants.



## Your learning

In the first two years you will be taught through lectures, tutorials, and laboratory classes. Anatomy is taught through a combination of dissection, prosection and computer simulation. The third year involves small group work and tutorial based learning. Years four and five will involve attachment to teams of consultants and doctors. Year six focuses on intensive clinical experience.

You will be assessed by a combination of single best answer questions, extended matching questions, modified essay questions, objective structured practical examinations and objective structured clinical examinations supplemented with portfolios.

## Your career

The programme integrates basic medical sciences and clinical sciences with professional skills and competencies throughout the programme. The integrated BSc enhances key generic skills including independent learning, critical thinking, scholarly writing and scientific method.

Your medical degree opens up a structured career framework and a wealth of opportunities. You will have access to UCL's Careers Service, and to specialist help and advice through the Careers and Foundation Transition Committee of the Medical School. The two-year foundation programme for medical graduates offers the opportunity to gain insight into possible career options or to build a wider appreciation of medical practice before embarking on specialist training.

First destinations of recent graduates of this programme include:

- Dorset County Hospital: Doctor (Foundation Year 1)
- Queen Elizabeth Hospital: Junior Doctor
- Ministry of Health: House Officer
- Royal College of Surgeons: MRCS Part One
- UCL: MSc Clinical and Experimental Medicine

## Degree structure

In each year of your degree you will take a number of individual modules, normally valued at 0.5 or 1.0 credits, adding up to a total of 4.0 credits for the year. Modules are assessed in the academic year in which they are taken. The balance of compulsory and optional modules varies from programme to programme and year to year. A 1.0 credit is recognised as being equivalent to 15 credits in the European Credit Transfer System (ECTS).

### Year One

#### Fundamentals of Clinical Science 1

Year One Modules:  
Foundations of Health and Disease  
Infection and Defence  
Circulation and Breathing  
Fluids, Nutrition and Metabolism

### Year Two

#### Fundamentals of Clinical Science 2

Year Two Modules:  
Movement and Musculoskeletal Biology  
Neuroscience and Behaviour  
Endocrine Systems and Regulation  
Reproduction, Genetics and Development  
Cancer Biology

### Year Three

#### Scientific Method in Depth (integrated BSc)

A wide range of integrated BSc degree programmes is available. Currently these include: Anatomy and Developmental Biology; Clinical Sciences; History of Medicine; Human Genetics/Genetics; Immunology, Infection and Cell Pathology; International Health; Medical Anthropology; Medical Physics and Bioengineering; Molecular Basis of Health and Disease; Neuroscience; Orthopaedic Science; Paediatrics and Child Health; Pharmacology; Philosophy, Medicine and Society; Physiology; Physiology and Pharmacology; Primary Health Care; Psychology; Speech Sciences and Communication; Surgical Sciences.

### Year Four

#### Integrated Clinical Care

This year is divided into four parts: a short Foundation of workplace based and patient centred learning course followed by three long attachments based in hospitals and associated community and GP settings.

### Year Five

#### Life Cycle

You will continue to integrate your developing knowledge and understanding of clinical sciences and clinical practice, with the focus on the lifecycle. The learning addresses: women's health from preconception through conception, pregnancy and childbirth; child health and development; care of the older person and end of life care. It also includes a focus on health promotion and disease prevention and care of patients across the life course in primary care.

### Final Year

#### Preparation for Practice

Year Six includes:  
Approximately three months hospital experience in emergency and acute care in one of the Associated University Hospitals including an assistantship to a Foundation Trainee.  
One month in a general practice, either linked to the hospital attachment or anywhere in the UK.  
Review and integration weeks.  
Student-Selected Components (SSCs).  
Eight weeks of elective study in the UK or overseas.



## Entry requirements

A levels	
<b>A level grades</b>	AAA
<b>A level subjects</b>	Must include Biology and Chemistry.
<b>AS levels</b>	A pass in a further subject at AS level or equivalent.
<b>GCSE</b>	Mathematics and English Language at minimum grade B. For UK-based students a Modern Language GCSE at minimum grade C is required. For students who do not have a Modern Language GCSE UCL will provide opportunities to meet the language requirement once enrolled at UCL.

IB diploma	
<b>IB points</b>	38
<b>Subjects</b>	A score of 18 points in three higher level subjects to include Biology and Chemistry at grade 6.

Other qualifications	
Full lists of all degree programmes and other entry requirements can be found on our website at: <a href="http://www.ucl.ac.uk/otherquals">www.ucl.ac.uk/otherquals</a>	

## University Preparatory Certificates

UCL's University Preparatory Certificates (UPCs) are intensive one-year foundation courses for international students of high academic potential, who are aiming to gain access to undergraduate degree programmes at UCL and other top UK universities.

For more information see our website: [www.ucl.ac.uk/upc](http://www.ucl.ac.uk/upc)

## Your application

Application for admission should be made through UCAS (the Universities and Colleges Admissions Service). Applicants currently at school or college will be provided with advice on the process; however, applicants who have left school or who are based outside the United Kingdom may obtain information directly from UCAS.

- Visit the UCAS website: [www.ucas.com](http://www.ucas.com)

Entry to medicine at UCL is very competitive so it is wise to follow advice in additional Medical School literature and on the website about how to get the most out of your application.

In addition to submitting your UCAS application you are required to sit the BioMedical Admissions Test (BMAT).

We seek candidates from a wide variety of backgrounds. Academic qualifications are important but considerable weight is also given to your

BMAT scores, personal statement, referee's report, steps you have taken to gain insight into a medical career, community activities, general education and, if invited, your performance at the interview.

Fees	
<b>UK/EU fee</b>	£9,000
<b>Overseas fee</b>	£To be confirmed
<b>Notes</b>	Details about financial support for 2012 entry are available at: <a href="http://www.ucl.ac.uk/finance2012">www.ucl.ac.uk/finance2012</a> .

Contacts	
<b>Contact</b>	Dr Brenda Cross Admissions tutor
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<b>Telephone</b>	+44 (0)20 7679 0841
<b>Prospectus entry</b>	<a href="http://www.ucl.ac.uk/prospectus/medicine">www.ucl.ac.uk/prospectus/medicine</a>

Key facts	
<b>RAE</b>	Medicine: Other Hospital-based Clinical Subjects 70%, Primary Care and Other Community-based Clinical Subjects 50% rated 4* (world-leading) or 3* (internationally excellent)
<b>Department</b>	UCL Medical School
<b>Faculty</b>	Biomedical Sciences

