

BIOMEDICAL SCIENCES

As a biomedical sciences student at the University of Westminster, you will benefit from some of the best teaching and facilities available. You will be part of the Faculty of Science and Technology, based at our purpose-built Cavendish Campus, ten minutes from Oxford Street. The Faculty and Campus have benefited from a major programme of refurbishment, with more than £30million invested in creating state-of-the-art learning environments, laboratories and equipment.

Our Applied Biomedical Science and Biomedical Sciences BSc Honours courses are accredited by the Institute of Biomedical Science, and the Applied Biomedical Science BSc Honours is also approved by the Health and Care Professions Council.

Teaching and learning

You will learn through a combination of formal contact – such as large and small group lectures, seminars, tutorials, workshops, laboratory practical sessions and demonstrations – as well as independent work and online support activities. In your final year you will complete a major research project, developing the skills you need for genuine scientific inquiry.

Our experienced and research-active staff work in close collaboration with bio-industry, the NHS and research institutions within the UK, Europe and the US.

Employability

Our biomedical sciences courses prepare tomorrow's scientists for a wide range of careers, and recent graduates have gone on to work in fields as diverse as diagnostic pathology, healthcare management, medicine and medical research, and in hospitals, laboratories and major pharmaceutical organisations across the globe. The courses will prepare you for professional working life, and provide you with the combination of technical knowledge and practical skills that meet the needs of industry, research or further study.



90%
of Human
and Medical
Science
graduates
in work or
study within
six months



APPLIED BIOMEDICAL SCIENCE BSc HONOURS

Length of course: Four years part-time, day release, one day per week

UCAS code: Apply directly to the University, at westminster.ac.uk

Campus: Cavendish (See p20)

Typical offer for September 2016: A Levels – BBC to include two science subjects from Biology, Chemistry, Physics and Maths; International Baccalaureate – 26 points to include a minimum of 4 in two Higher Level science subjects; Edexcel BTEC Level 3 Extended Diploma/Diploma – DMM/D*D* in Applied Science. See also entry requirements on p197.



The Applied Biomedical Science BSc represents an integrated approach to the study of human health and disease, with an emphasis on the diagnosis and understanding of disease processes from a medical diagnostic perspective. The course is delivered part-time over four years, and is only open to you if you are employed in a suitable accredited biomedical laboratory able to support work-based learning; you will need a written statement of support from your employer. The course builds on the practical knowledge developed within the workplace, and provides underpinning knowledge essential to the development of practising biomedical scientists.

This degree is approved by the Health and Care Professions Council, and accredited by the Institute of Biomedical Science.

For module information and further details, please visit: westminster.ac.uk/biomedical-sciences



Science laboratory, Cavendish Campus

BIOMEDICAL SCIENCES / BIOMEDICAL SCIENCES (SANDWICH) BSc HONOURS

Length of course: Three years full-time; four years full-time with sandwich year

UCAS code: B940; with sandwich B900

Campus: Cavendish (See p20)

Typical offer for September 2016: A Levels – BBC to include two science subjects from Biology, Chemistry, Physics and Maths; International Baccalaureate – 26 points to include a minimum of 4 in two Higher Level science subjects; Edexcel BTEC Level 3 Extended Diploma/Diploma – DMM/D*D* in Applied Science. See also entry requirements on p197.



Biomedical science is concerned with the detailed study of the human body – in health and disease – with emphasis on the diagnosis and understanding of disease states and the mechanisms involved. This course has been designed to prepare you for a career in medical diagnostic, pharmaceutical and research environments, and provides you with a thorough education in the disciplines required to understand and investigate disease. The sandwich version of the course is unique, built on our longstanding partnership with NHS and private laboratories in and around London, and offering a year-long industry placement for all sandwich students.

This degree is accredited by the Institute of Biomedical Science. Honours graduates can expect to become registered with the Health and Care Professions Council as Biomedical Scientists, see website for more details.

For module information and further details, please visit: westminster.ac.uk/biomedical-sciences



HUMAN AND MEDICAL SCIENCE BSc HONOURS

Length of course: Three years full-time

UCAS code: B901

Campus: Cavendish (See p20)

Typical offer for September 2016: A Levels – BBC to include two science subjects from Biology, Chemistry, Physics and Maths; International Baccalaureate – 26 points to include a minimum of 4 in two Higher Level science subjects; Edexcel BTEC Level 3 Extended Diploma/Diploma – DMM/D*D* in Applied Science. See also entry requirements on p197.



This course offers a flexible and broad approach to the study of human health and disease. The recent rapid growth in knowledge and technology has led to an enhanced understanding of human function in health and disease, and this multidisciplinary course enables you to tailor your degree to meet your interests and career aspirations in the field of medical sciences.

The course offers a 'whole body' approach to study by integrating biological and medical sciences to develop your understanding of human structure, function, development and behaviour. The core of human physiology running through all three years of the course is supported by modules in other medical sciences such as biochemistry, cell biology and genetics.

For module information and further details, please visit: westminster.ac.uk/biomedical-sciences



Students using Patient Care Simulator, Cavendish Campus

BIOMEDICAL AND PHYSIOLOGICAL SCIENCES FdSc

Length of course: Three years part-time

Application: Apply directly to the University at westminster.ac.uk

Campus: Cavendish (See p20)

Typical offer for September 2016: You must normally have completed a full Level 3 qualification in line with the University of Westminster's admissions regulations:

- one A Level pass in a related science subject
- NCVQ recognised awards, including relevant GNVQ at Level 3
- AVCE Science (single award)
- Irish Leaving Certificate with passes in five subjects at Higher Level
- pass in a link Foundation course
- Edexcel BTEC Level 3 Extended Diploma/Diploma in Applied Science.

Equivalent qualifications and relevant professional experience will also be considered. Overseas applicants will be required to have achieved an IELTS score of 6 with a minimum of 5.5 in each part.

Aimed at healthcare science assistants and associate practitioners, this course will provide an opportunity to study part-time in order to obtain a qualification in line with current and future healthcare science workforce requirements. Successful students will be qualified to progress onto an appropriate BSc Honours course.

The Foundation combines biomedical science and physiology undergraduate modules with work-based learning modules. You will start the course with a study skills module to prepare you for online learning and a range of general course requirements. The course also contains a substantial element of work-based learning aligned to your professional responsibilities in your employing laboratories. You will then study modules containing biochemistry, chemistry, disease investigation, human anatomy and physiology, and molecular biology.

For module information and further details, please visit: westminster.ac.uk/biomedical-sciences

