

# BIOMEDICAL SCIENCES

As a biomedical sciences student at the University of Westminster, you will benefit from some of the best teaching and facilities available, with more than £30 million 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 Royal Society of Biology. 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 National Health Service (NHS) and research institutions within the UK, Europe and worldwide.

## Employability

Our biomedical sciences courses prepare tomorrow's scientists for a wide range of careers. 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.

## Foundation pathway

We offer Foundations as a route onto some of our undergraduate programmes. For module information and any further details, please visit: [westminster.ac.uk/foundation-courses](https://westminster.ac.uk/foundation-courses)

See also: Biosciences p64 • Nutrition p138



**100%**  
of our Applied  
Biomedical  
graduates are in  
work or further  
study within  
six months of  
graduating

Data taken from [westminster.ac.uk](https://westminster.ac.uk) in December 2018



Science laboratories at Cavendish Campus



## BIOMEDICAL SCIENCES FOUNDATION YEAR

### UCAS code:

- Biomedical Sciences with Foundation BSc Honours C990

**Campus:** Central London (see map p206)

**Entry requirements:** A Levels – DDE/CDD; International Baccalaureate – 24 points; BTEC Extended Diploma – MPP/MMP; BTEC Diploma – MM/DM. Overseas students require IELTS of 5.5 overall, with 5.5 in each component. See also p198.

Our degree courses with Foundation year offer the opportunity to prepare you for advanced study before you progress onto a full honours degree at the University of Westminster. Whether you do not feel ready for degree-level study, don't have the right qualifications, want to change your subject specialism or return to study after an absence from education, we aim to encourage a broad range of students to undertake our Foundation year in order to progress onto their full honours degree with us.

The Foundation year is designed to give you the opportunity to explore new ideas, opening up new perspectives on the key debates within your chosen field. Core modules accelerate your academic and professional development and you will also take modules from areas closely related to your chosen field, giving you the chance to develop a cross-disciplinary perspective on your course.

On successful completion of the Foundation year, you will be able to move on to the first year of the Biomedical Sciences BSc Honours degree.

For module information and further details, please visit: [westminster.ac.uk/biomedical-sciences](http://westminster.ac.uk/biomedical-sciences)

## 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](http://westminster.ac.uk)

**Campus:** Central London (see map p206)

**Entry requirements:** Entry requirements: A Levels – BBC/ABB to include two Science subjects from Biology, Chemistry, Physics or Maths; International Baccalaureate – 27 points, to include a minimum of 4 in two Higher Level Science subjects; BTEC Extended Diploma – DMM/DDM; BTEC Diploma – D\*D\*. Overseas students require IELTS of 6.0 overall, with 5.5 in each component. See also p198.

For full and most up-to-date information, see course web page: [westminster.ac.uk/biomedical-sciences](http://westminster.ac.uk/biomedical-sciences)



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 and the Royal Society of Biology.



**“Having to juggle adult life and being in university. Yes it is challenging, however the support that I have received has been incredible. I have a fantastic course leader. The course itself fits in with my day to day life, when I finish I have a good degree recognised by a professional body.”**

**Nordia Ann-Marie Willis**

Applied Biomedical Science BSc Honours, student

## 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:** Central London (see map p206)

**Entry requirements:** A Levels – CCC/BBB, to include two Science subjects from Biology, Chemistry, Physics or Maths; International Baccalaureate – 24 points with a Science subject at Higher Level 4; BTEC Extended Diploma – MMM/DDM in Applied Science; BTEC Diploma – DD/D\*D\* in Applied Science. Overseas students require IELTS of 6.0 overall, with 5.5 in each component. See also p198.

For full and most up-to-date information, see course web page: [westminster.ac.uk/biomedical-sciences](http://westminster.ac.uk/biomedical-sciences)



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 the 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 and the Royal Society of Biology. Honours graduates from the sandwich pathway, who have completed their IBMS registration portfolio as part of their year out, can apply to become registered with the Health and Care Professions Council as Biomedical Scientists, see website for more details.



**“If you want to become a clinical or biomedical scientist or go on to work in medical research, this course is for you.”**

**Hussam Zaid**

Biomedical Sciences (Sandwich) BSc Honours, student

## BIOMEDICAL AND PHYSIOLOGICAL SCIENCES FdSc

**Length of course:** Three years part-time

**Application:** Apply directly to the University at [westminster.ac.uk](http://westminster.ac.uk)

**Campus:** Central London (see map p206)

**Entry requirements:** see website and p198.

For full and most up-to-date information, see course web page: [westminster.ac.uk/biomedical-sciences](http://westminster.ac.uk/biomedical-sciences)

Aimed at working healthcare science assistants and associate practitioners, this course will provide an excellent opportunity to study part-time by distance learning in order to obtain a higher education 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 Degree in Biomedical and Physiological Sciences combines biomedical science and physiology undergraduate modules from the first two years of the full undergraduate biomedical sciences courses with work-based learning modules. Our virtual learning environment provides opportunities for flexible learning using a range of resources; it also enables live teaching at times to align with student's employment responsibilities. Although predominantly by distance learning, you will attend the University for a week of laboratory sessions every year. The course contains a substantial element of work-based learning aligned to your professional responsibilities in your employing laboratories. Work-based learning module activities are designed to promote development and deeper understanding of the theory and skills applied to your workplace activities.

This degree is approved by the Institute of Biomedical Science.