Biomedical Science (accredited by IBMS)

University of Strathclyde

Content

A biomedical scientist is a scientist trained in biology, particularly in the context of medicine. These scientists work to gain knowledge on the main principles of how the human body works. They try to find new ways to cure or treat disease by developing advanced diagnostic tools or new therapeutic strategies.

Biomedical science represents an opportunity to put scientific knowledge into practical use. It performs a key role in medical healthcare and offers career satisfaction for many in the profession.

Years 1 and 2
Students on all the biosciences degrees study the same classes in the first two years. This means you can defer your ultimate choice of degree until the end of Year 2.

In Year 1 you'll study classes in cells and their molecules, organisms and diseases and Bio-organic chemistry. These are all underpinned by the "Being a Biomolecular Scientist" class which begins with basic laboratory skills, statistical and data analysis and presentation, report writing, health and safety and ethics.

You also choose 20 credits of elective subjects from across the University.

In Year 2 to will gain an introduction to each of the four discipline biochemistry, immunology, microbiology and pharmacology again supported by the "Being a Biomolecular Scientist" class which develops various skills gained in Year 1.

Years 3 and 4
You'll take specialist classes in the four biosciences disciplines including Biomedical Immunology, Microbiology and Biochemistry, Haematology and Immunodiagnostics and Cell and Molecular Pathology. You'll also learn about laboratory methods and ethics, data collection and presentation.

In your final year of study, you will participate in a research project focusing on a defined biomedical science topic. We offer various types of laboratory-based research projects including which would be applicable to a variety of careers.

Student exchange programmes and internships offer the chance to study and take part in lab-based research abroad.

Start Date

October

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

C192

Course Length

4 years

Faculty

Faculty of Science

Department

Strathclyde Institute of Pharmacy and Biomedical Sciences

Entry Requirements

2027 entry requirements

Standard entry:
4 Highers at AABB or AAAC including Biology (or Human Biology) and Chemistry at B plus English and Maths at National 5 at B. Higher English preferred.

Entry to year 2 may be possible with Advanced Higher Biology and Chemistry at BB plus above.

Widening access entry:
4 or 5 Highers at AABB or AABCC including Biology (or Human Biology) and Chemistry at B plus English and Maths at National 5 at B. Higher English preferred.

A Foundation Apprenticeship is accepted in place of a non-essential Higher.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

Glasgow
Glasgow City
G1 1XN

Website

www.strath.ac.uk