

## Biochemistry

University of Strathclyde

### Content

This course is a five-year Integrated Masters degree with entry into either Year 1 with Highers or Year 2 with Advanced Highers or A-levels.

Biochemistry is the study of how cells work at molecular level. Together with the related field of Molecular Biology, Biochemistry provides important advances into understanding the molecular basis of life, and how alteration or disruption of these molecular pathways leads to disease processes.

#### 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, you'll gain an introduction to each of the four disciplines: 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 specialise in biochemistry and learn about laboratory methods and data collection and presentation.

#### Year 5

This year, you'll carry out a research project and specialise in Biochemistry.

### Start Date

October

### Qualification

Degree

### Study Method

Full time

### Award Title

MSci

## UCAS Code

C720

## Course Length

5 years

## Faculty

Faculty of Science

## Department

Strathclyde Institute of Pharmacy and Biomedical Sciences

## Entry Requirements

2027 entry requirements

Standard entry:

4 or 5 Highers at AAAB or AABBC 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 AB or BA plus above.

Widening access entry:

4 or 5 Highers at AABB or AABCC including 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

11

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Glasgow  
Glasgow City  
G1 1XN

## Website

[www.strath.ac.uk](http://www.strath.ac.uk)

