# Medicinal and Biological Chemistry

University of Edinburgh

## Venues

King's Buildings Campus

## Content

Through understanding the tools of synthetic chemistry and genetic manipulation, we can design and deliver pharmaceutical interventions.

You will learn how new insights into the molecular basis of diseases are being combined with advances in chemistry, biology and nanotechnology.

Year 1:
You will spend approximately a third of your first year in chemistry lectures, laboratory classes and small-group tutorials. For all students a mathematics course is also required. The remainder of your curriculum can be chosen from a broad range of courses from across the University.

Year 2:
You continue with your chemistry course, which again takes up about a third of your time. Additional courses such as Environmental Chemistry, Materials Chemistry, Chemical Pharmacology or courses in physics or mathematics may be required for your specific programme but most programmes still allow considerable choice of option subjects at this stage. The range of option courses available over the first two years allows real flexibility to transfer between different programmes.

Year 3:
You will study compulsory chemistry courses that provide a foundation for the remaining honours years. If you are studying the chemical physics programme you will take a combination of chemistry and physics courses.

Year 4:
In the final year of your BSc, or the final two years of your MChem, you will take compulsory courses from your programme and will choose from a range of other advanced chemistry courses. All chemistry programmes include independent research work and a dissertation in addition to taught courses.

## Start Date

September

## Qualification

Degree

## Study Method

Full time

## Award Title

BSc Hons

## UCAS Code

FC17

## Course Length

4 years

## Faculty

College of Science and Engineering

## Department

Chemistry

## Entry Requirements

2027 entry requirements

Standard entry:
4 Highers at AAAB (first sitting) or 4 Highers at AAAA (two sittings) including Maths at A and Chemistry plus English at National 5. Advanced Higher Maths and Chemistry highly recommended.

For entry to year 2 you would require 3 Advanced Highers at AAB including Maths and Chemistry plus the above (or Advanced Higher Maths and Chemistry at AA plus Highers at BB in different subjects).

Widening Access entry:
4 Highers at AABB (by end of S6) (BBB must be achieved in one sitting S4-S6) including Maths at A and Chemistry plus English at National 5. Advanced Higher Maths and Chemistry highly recommended.

## SCQF Level

10

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

## Address

Old College
South Bridge
Edinburgh
City of Edinburgh

EH8 9YL

## Website

www.ed.ac.uk