Chemistry with Medicinal Chemistry with Work Placement

University of Glasgow

Venues

Gilmorehill Campus

Content

Year 1
The topics covered include the periodic table and main group chemistry, transition metal chemistry, organic chemistry, chemical kinetics, states of matter, chemical energy changes, aqueous equilibria & pH and macromolecules.

Year 2
The topics covered include molecular thermodynamics, organic stereochemistry, quantum mechanics & chemical bonding, organometallic chemistry, main group chemistry, enols & enolates, spectroscopy, solids & surfaces, aromatic chemistry, coordination chemistry, organic synthesis, electrochemistry and applied organic chemistry.

Years 3, 4 and 5
If you progress to Honours (years 3 and 4), you will choose courses from a list of topics which includes anticancer compounds, antibiotics, analgesics and antivirals.

In the final year you will undertake a project involving research in chemistry with medicinal or pharmacological applications: for example, making selected compounds and testing them for specific biological activity.

You can take Chemistry with Medicinal Chemistry as an MSci degree, which includes an additional work placement year in the UK or overseas, between the third and final years of the degree.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

MSci

UCAS Code

F104

Course Length

5 years

Faculty

College of Science and Engineering

Department

School of Chemistry

Entry Requirements

2027 entry requirements

Standard entry: 4 Highers at ABBB (by end S6 with min BBBB after S5) including Maths and Chemistry.

Widening access entry: 4 Highers at ABBB or BBBB (by end S6) including Maths and Chemistry. Completion of pre-entry programme is necessary.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

University Avenue
Glasgow
G12 8QQ

Website

www.gla.ac.uk