Chemistry and Mathematics

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; theoretical chemistry; chemical energy changes; aqueous equilibria and Ph; macromolecules.

You will also study two other subjects in year 1 according to your interests: see Degrees in Arts, Science and Social Sciences.

Year 2: Your second year builds on the first-year course and involves the following topics: molecular thermodynamics; organic stereochemistry; quantum mechanics, chemical bonding and symmetry; organometallic chemistry; main group chemistry; enols and enolates; spectroscopy; kinetics; aromatic chemistry; coordination chemistry; organic synthesis; biophysical chemistry; applied organic chemistry.

You will also study one or two other subjects in year 2 according to your interests: see Degrees in Arts, Science and Social Sciences.

Years 3, 4 and 5: If you progress to Honours (years three and four) you will study advanced topics in chemistry including aspects of synthetic methods, nanoscience, catalysis, quantum mechanics, biomolecular interactions and transition metal chemistry. In your final year you will undertake a research project at the frontiers of the subject.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

GF11

Course Length

4 years

Faculty

College of Science and Engineering

Department

School of Chemistry

Entry Requirements

2025 entry requirements

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

Entry to year 2 may be possible with 3 Advanced Highers at AAA including Biology and Chemistry plus above Highers.

Widening access entry: 4 Highers at AABB 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»

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Website

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