

## Materials Chemistry

University of Glasgow

### Venues

Gilmorehill Campus

### Content

#### Year 1

Topics include the periodic table and main group chemistry, transition metal chemistry, organic Chemistry, chemical kinetics, states of matter, chemical energy changes, aqueous equilibria and pH, and macromolecules. You will also study other subjects in years 1 and 2.

#### Year 2

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

#### Years 3 and 4

If you progress to Honours (years 3 and 4) you will study advanced topics including nanomaterials, organic electronics and photonics, advance materials characterisation, catalysis, supramolecular and polymer chemistry, spectroscopy, electrochemistry, as well as main group and transition metal chemistry.

### Start Date

September

### Qualification

Degree

### Study Method

Full time

### Award Title

BSc Hons

### UCAS Code

F108

### Course Length

4 years

## Faculty

College of Science and Engineering

## Department

School of Chemistry

## Entry Requirements

2026 entry requirements

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

Entry to year 2 may be possible with 3 Advanced Highers at AAA including Maths 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»

## Address

University Avenue  
Glasgow  
G12 8QQ

## Website

www.gla.ac.uk