Chemistry with Data Science

University of Strathclyde

Content

You'll study foundation classes in Chemistry and Mathematics. You'll also attend a specialist class in coding, Python 101 for Chemists.

In later years, you'll study subjects including Fundamental Inorganic, Organic and Physical Chemistry, and laboratory work increases. You will also attend specialist classes in Chemical Informatics.

In Year 4, MChem students undertake a paid 12-month industrial placement. Research and Knowledge Exchange placements are also available.

In Year 5, in addition to studying core chemistry topics, you'll specialise in data science, through classes such as AI and machine learning, and software engineering and high-performance computing. Year 5 is also when you undertake a fully independent project researching cutting-edge chemistry.

Start Date

October

Qualification

Degree

Study Method

Full time

Award Title

MChem

UCAS Code

F105

Course Length

5 years

Faculty

Faculty of Science

Department

Pure and Applied Chemistry

Entry Requirements

2026 entry requirements

Standard entry:
4 Highers at AAAB including Maths and Chemistry at A and Computing Science or Physics plus English at National 5. Higher English preferred. Advanced Higher Maths and Chemistry recommended for sixth year entrants.

Widening access entry:
4 Highers at AABB or AAAC including Maths and Chemistry at A and Computing Science or Physics plus English at National 5. Higher English preferred. Advanced Higher Maths and Chemistry recommended for sixth year entrants.

Entry to year 2 may be possible with Advanced Higher Maths, Chemistry and Computing Science or Physics at ABB.

A Foundation Apprenticeship is accepted in place of a non-essential Higher.

SCQF Level

11

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

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Website

www.strath.ac.uk