

Applied Chemistry and Chemical Engineering

University of Strathclyde

Content

Year 1

Classes in Chemistry, Mathematics and Chemical Engineering. Chemistry practical classes help you to master the basic preparative and analytical skills. You also choose an elective subject.

Years 2 and 3

Fundamental Organic and Physical Chemistry plus supporting classes. Practical Organic, Inorganic and Physical Chemistry and Safety. Fluid Flow & Heat Transfer, Process Analysis and Statistics, plus Mathematics. You'll have a choice of electives from chemistry, engineering or the wider university prospectus. Laboratory work increases and your practical skills are enhanced with computer modelling and group exercises to develop presentation skills.

Year 4

Students undertake a Chemical Engineering Design research project, plus further Physical Chemistry, Inorganic Chemistry & Spectroscopy and Process Control & Environmental technology.

Year 5

You'll specialise in the areas and applications of chemistry and chemical engineering that interest you most. An Applied Chemistry research project will enable you to use your practical skills and knowledge to solve a new chemical challenge, working in one of our specialist research laboratories with full-time researchers on real chemistry challenges.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

MSci

UCAS Code

FH18

Course Length

5 years

Faculty

Faculty of Science

Department

Pure and Applied Chemistry

Entry Requirements

2022 entry requirements

Standard entry:

4 Highers at AAAB including Maths and Chemistry at A and Physics plus English at National 5 (if not held at Higher). English or an English based subject is preferred as fourth subject. 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 Physics plus English at National 5 (if not held at Higher). English or an English based subject is preferred as fourth subject. Advanced Higher Maths and Chemistry recommended for sixth year entrants.

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

SCQF Level

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Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

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Website

www.strath.ac.uk