Forensic and Analytical Chemistry

University of Strathclyde

Content

The course is delivered in partnership with the globally recognised Strathclyde Centre for Forensic Science. Both the BSc (Hons) and MChem are accredited by the Royal Society of Chemistry. The MChem is the only course in the UK to have dual professional accreditation from the Royal Society of Chemistry and the Chartered Society of Forensic Sciences.

Year 1:
You'll take foundation classes in chemistry and mathematics, and either physics or biology. In addition, you are given the opportunity to take elective classes including forensic science, drug discovery, chemical engineering, and subjects from other areas of the University.

Practical chemistry laboratory sessions help you to master basic preparative and analytical skills. You'll spend one afternoon in the laboratory and the rest of your time will be in lectures and tutorials.

Years 2 and 3:
You'll take classes in fundamental inorganic, organic, biological and physical chemistry, plus forensic trace analysis and analytical chemistry. You'll have a choice of electives as in Year 1.

Laboratory work increases to four afternoons per week and your practical skills are enhanced with computer modelling and group exercises to develop presentational skills.

Year 4:
In the final year, you'll specialise in the areas and applications that interest you most, including DNA analysis, toxicology, process analytical chemistry, and atomic/nuclear spectroscopy. In addition, in a specialist topic of your choice, you will undertake a research project leading to the submission of a dissertation.

Start Date

October

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

FC02

Course Length

4 years

Faculty

Faculty of Science

Department

Pure and Applied Chemistry

Entry Requirements

2027 entry requirements

Standard entry:
4 Highers at ABBB or AABC including Chemistry and Maths at B plus English at National 5 (if not held at Higher). Higher English preferred. Advanced Higher Maths and Chemistry recommended for sixth year entrants.

Widening access entry:
4 Highers at ABBC or BBBB including Maths and Chemistry at B plus English at National 5 (if not held at Higher). Higher English preferred. Advanced Higher Maths and Chemistry recommended for sixth year entrants.

Entry to year 2 may be possible with Advanced Highers at ABB including Maths and Chemistry.

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