Chemical Engineering

University of Edinburgh

Venues

King's Buildings Campus

Content

Year 1
Your time will be divided between engineering, mathematics and chemistry. You study two or more branches of engineering in first semester, followed by the first in-depth study of chemical engineering.

Year 2
Your chemical engineering knowledge will broaden with the study of core chemical engineering subjects including Thermodynamics, Separations and Fluid Dynamics courses, supported by classes in mathematics.

A significant part of the year is taught through practical activities and you will visit nearby industrial plants.

Year 3
In Year 3 you will deepen your understanding of chemical engineering with classes including Thermodynamics and Unit Operations, Heat Mass and Momentum Transfer, Process Dynamics and Control, and Process Safety. You will also put your knowledge into practice in the laboratory.

At the end of Year 3, you will have the option of completing one more year for a BEng (Hons) or studying for a further two years for an MEng (Hons).

Year 4
In Year 4 there is a strong emphasis on design, with both individual and group projects. This is complemented by courses on Engineering Project Management and Reaction Engineering. Specialist study and innovative coursework will prepare you for your professional career.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BEng Hons

UCAS Code

H800

Course Length

4 years

Faculty

College of Science and Engineering

Department

Engineering

Entry Requirements

2027 entry requirements

Standard entry:
4 Highers at AABB (first sitting) or AAAB (two sittings) including Maths at A and Chemistry plus National 5 Engineering Science or Physics at B and English at C.

For direct entry to year 2 you would require the above plus Advanced Higher Maths and Chemistry at AA.

Widening Access entry:
4 Highers at AABB (two sittings) including Maths at A and Chemistry plus National 5 Engineering Science or Physics at B and English at C. BBB must be achieved in one sitting.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

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Website

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