

Chemical Engineering

University of Strathclyde

Content

Year 1:

Provides a firm foundation in mathematics and chemistry upon which an introduction to chemical engineering is built. Studies also include an introduction to computer applications and to project work.

Year 2:

You will continue to study mathematics, along with an introduction to the fundamental chemical engineering subjects such as material and energy balances, thermodynamics, heat and mass transfer and the flow of fluids. There is also an introduction to the design of process plant and equipment, including computer-aided flowsheeting. You will also study accountancy, finance and business studies.

Year 3:

The principles taught in the first two years are applied to the most important techniques - called unit operations - used in the chemical and process industries. These include distillation, gas absorption, evaporation and drying. You will also study the design of reactors and have an introduction to biochemical engineering and food processing as well as to chemical engineering design.

Years 4 and 5:

The key chemical engineering subjects in Year 4 of the BEng are studied in greater depth, and greater breadth is obtained through the combined choice of business, language, science and other engineering subjects. The design and research projects are more challenging than the BEng and there is the opportunity to undertake a project in industry or in a European university.

Start Date

October

Qualification

Degree

Study Method

Full time

Award Title

MEng

UCAS Code

H801

Course Length

5 years

Faculty

Faculty of Engineering

Department

Chemical and Process Engineering

Entry Requirements

2023 entry requirements

Standard entry:

5 Highers at AAAAB including Maths at A and Chemistry and Physics plus English at National 5. Higher English preferred.

Widening Access entry:

4 Highers at AAAB including Maths, Chemistry and Physics plus English at National 5. Higher English preferred.

SCQF Level

11

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

16 Richmond Street
Glasgow
Glasgow City
G1 1XQ

Website

www.strath.ac.uk