

Chemical Engineering (in conjunction with Forth Valley College)

Heriot-Watt University

Venues

Edinburgh Campus

Content

Students on this partnership route enter at Year 3 having first completed their HND Chemical Process Technology programmes at Forth Valley College.

Year 3

Provides opportunities to analyse key operations in the industry, particularly the processing and separation of gases and liquids. In parallel, there are courses looking at chemical reactor theory, how processes are controlled and the prediction of physical behaviour. Material on Safety, Sustainability and Economics is consolidated in a group-based project.

Year 4

A central theme is the advanced analysis of key processing operations and their control. Specialist topics include Energy Efficiency, Safety and Sustainability. A group-based design project is also undertaken.

Year 5

MEng only

Specialist and core chemical engineering subjects are studied in this year, along with the extensive research project. A central theme is the enhanced design project, where students have the opportunity to demonstrate their skills in process design and commercial awareness.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

MEng

UCAS Code

H8AS

Course Length

5 years

Faculty

School of Engineering and Physical Sciences

Department

Chemical Engineering

Entry Requirements

2024 entry requirements:

2 Highers at BBC including Maths and Chemistry (Foundation Apprenticeship Engineering or Scientific Technologies (Laboratory Skills) accepted in place of 1 non-essential Higher). Interview and pre-entry test.

SCQF Level

11

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

Edinburgh
EH14 4AS

Website

www.hw.ac.uk