

Mechanical Engineering and Energy Engineering

Heriot-Watt University

Venues

Edinburgh Campus

Content

The MEng (Hons) Mechanical Engineering and Energy Engineering encourages you to think creatively to solve modern challenges with new and advanced technical solutions. By studying this five-year degree, you'll build upon a sound engineering foundation and be introduced to specialist energy topics, and environmental impact assessment and management. You'll gain the skills to tackle challenging professional tasks associated with energy provision and utilisation and learn to take responsibility for decision-making in areas related to energy and the environment.

During the programme, you'll have the opportunity to build and develop your professional network through industrial visits, and an optional industrial placement which, upon completion, will result in you being awarded a Diploma in Industrial Training (DIT).

As a mechanical engineer, you'll deal with the design, development, optimisation, and operation of mechanical parts and systems. You'll gain a broad knowledge of the core components in Mechanical Engineering Sciences and practices, studying modules including but not limited to mechanics, fields and forces, electrical engineering, mathematics, mechanical engineering, design and manufacture, fluid mechanics, mechanics of materials, thermodynamics, sustainable development and engineering management, energy studies, and renewable energy technologies.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

MEng Hons

UCAS Code

HH38

Course Length

5 years

Faculty

School of Engineering and Physical Sciences

Department

Mechanical Engineering

Entry Requirements

2026 entry requirements

Standard entry: 4 Highers at AAAB (two sittings) including Maths and Physics (1 at A) plus English at National 5.

Widening access entry: 4 Highers at BBBC (two sittings) including Maths and Physics or Engineering Science at BB plus English at National 5.

For entry to Level 2 you would require Advanced Higher Maths and Physics at AB or BA plus 4 Highers at AAAB.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

Edinburgh
EH14 4AS

Website

www.hw.ac.uk