Mechanical Engineering

Heriot-Watt University

Venues

Edinburgh Campus

Content

The MEng (Hons) Mechanical Engineering encourages you to think creatively to solve the world's biggest challenges. From energy efficiency to tools for microsurgery, there is a need for mechanical engineers across a huge range of industries.??

During the programme, 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, and sustainable development. You'll have the opportunity to choose a handful of specialist engineering units to tailor your studies to your personal subject interests, and career ambitions.

In response to current industry changes and emerging trends, your learning will be built around the core concept of sustainability. You'll learn how to engineer solutions that are environmentally, financially, and socially sustainable. Some examples include:

designing turbines to generate electricity from geothermal or nuclear sources; creating heat pumps to replace gas boilers for a more efficient alternative; increasing the efficiency and performance of aircraft and transport; and improving medical engineering and nanotechnology.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

MEng

UCAS Code

H301

Course Length

5 years

Faculty

Science, Technology, Engineering and Mathematics (STEM)

Department

Mechanical Engineering

Entry Requirements

2027 entry requirements

4 Highers at AAAB (Standard entry) or BBBC (Widening access entry) including Maths and Engineering Science or Physics plus English at National 5.

For entry to year 2 you would require Advanced Higher Maths and Engineering Science or Physics at AB or BA plus above.

SCQF Level

11

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

Edinburgh
EH14 4AS

Website

www.hw.ac.uk