

Mechanical Engineering

Heriot-Watt University

Venues

Edinburgh Campus

Content

Year 1

Emphasis is on developing basic mathematical, scientific and communication skills. Topics include Mechanical Engineering Science, Physics, Introduction to Electrical Engineering, Programming and Foundation Mathematics.

Year 2

Subjects include Strength of Materials; Machine Dynamics; Applied Thermodynamics; Fluid Dynamics; Materials Engineering; Design and Manufacture; Control Engineering; and Instrumentation.

Year 3

Subjects include Strength of Materials; Machine Dynamics; Applied Thermodynamics; Fluid Dynamics; Materials Engineering; Design and Manufacture; Control Engineering; and Instrumentation.

Year 4

Students choose specialist subjects from Fluid Mechanics, Thermodynamics, Strength of Materials and Machine Dynamics. Mandatory courses include a year-long individual project plus Engineering Design and Manufacture that includes an industrial project. Other options such as Petroleum Engineering and Automotive Technologies are available.

Year 5

Students may register from Level 1. Entry is offered to those whose performance at the end of Level 3 places them in the upper part of the class. Students study multi-disciplinary topics in Engineering and undertake a group project.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

MEng

UCAS Code

H301

Course Length

5 years

Faculty

School of Engineering and Physical Sciences

Department

Mechanical Engineering

Entry Requirements

2022 entry requirements:

Standard entry: 4 Highers at AAAB including Maths and Physics at AB plus English at National 5.

Widening access entry: 4 Highers at BBBC including Maths and Physics at BB plus English at National 5.

For entry to Level 2 you would require 3 Advanced Highers at ABB including Maths and Physics plus 4 Highers at AAAB.

SCQF Level

11

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

Edinburgh
EH14 4AS

Website

www.hw.ac.uk