

Electrical and Mechanical Engineering

University of Strathclyde

Content

Year 1:

Maths, electronics, electrical engineering, mechanics, and engineering modelling; practical labs and project work introduce design and build activities.

Year 2:

You learn about electromagnetism, digital electronics, and mechanics to develop core engineering skills.

Year 3:

Specialist topics include instrumentation and microcontrollers, dynamics, and integrated design of mechanical systems.

Year 4:

Individual design project in your chosen specialism and technical subjects including systems engineering, communications networks, and flight and spacecraft.

Year 5 (MEng only):

Group design project to build a prototype system to showcase at the end-of-year industry exhibition; choice of advanced topics including machinery diagnosis, aerodynamic performance and control techniques.

Start Date

October

Qualification

Degree

Study Method

Full time

Award Title

MEng

UCAS Code

HH6H

Course Length

5 years

Faculty

Faculty of Engineering

Department

Electronic and Electrical Engineering

Entry Requirements

2026 entry requirements

Standard entry:

5 Highers at AAAAB including Maths and Engineering Science or Physics at A plus English at National 5 (Higher preferred).

Advanced Higher Maths and Physics recommended.

Widening access entry:

4-5 Highers at AB BB or BB BB including Maths and Engineering Science or Physics plus English at National 5 (Higher preferred). Advanced Higher Maths and Physics recommended.

A Foundation Apprenticeship is accepted in place of a non-essential Higher.

SCQF Level

11

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

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Website

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