Electronic and Electrical Engineering

University of Strathclyde

Content

Electronic & electrical engineering is at the heart of everything we do – from renewable energy and smart grids to high-speed fibre-optic broadband, digital sound and vision, and internet security.

These engineers aim to find innovative and progressive solutions to today's global challenges whether that's technologies to deliver clean energy, systems to improve audio and image quality on your phone, tablet and laptop, or techniques to improve digital imagery in medical devices to aid diagnosis.

Year 1:
Electronics, electrical engineering, analogue and digital circuits, maths and computing; practical labs and project work introduce design and build activities.

Year 2:
Topics such as digital electronics, electromagnetism, and engineering design and manufacture develop core engineering skills.

Year 3:
Specialist subjects in signals and communications systems, engineering innovation, and digital technology design.

Year 4:
Individual design project in your chosen specialism and selection of classes including multimedia systems, power electronics and robotics.

Start Date

October

Qualification

Degree

Study Method

Full time

Award Title

BEng Hons

UCAS Code

H600

Course Length

4 years

Faculty

Faculty of Engineering

Department

Electronic and Electrical Engineering

Entry Requirements

2027 entry requirements

Standard entry:
4 Highers at AAAB including Maths and Engineering Science or Physics plus English at National 5 (Higher preferred). Advanced Higher Maths and Physics recommended.

Widening access entry:
4 Highers at BBBB 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

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

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Website

www.strath.ac.uk