

# Computer and Electronic Systems

University of Strathclyde

## Content

From drones to smart technology, engineers with electronics and software skills are needed for our digital future.

Year 1:

Electronic Circuits; Maths; Computer Science and software engineering; practical labs and project work introducing design and build activities.

Year 2:

You learn a range of programming languages (Java, C++, C, Ruby, Python); Computer Communications; Engineering Design Techniques; Hardware and Software Analysis.

Year 3:

Specialist topics such as Artificial Intelligence, Embedded systems and Computing Architectures.

Year 4: Individual design project in your chosen specialism and choice of classes including Digital Forensics, Laser Systems and Information Security; year abroad for those on the MEng International Study stream.

Year 5:

Group Design Project to develop a prototype system to showcase at the end-of-year industry exhibition, plus a choice of advanced topics such as computer security, e-commerce and video processing.

## Start Date

October

## Qualification

Degree

## Study Method

Full time

## Award Title

MEng

## UCAS Code

GHK6

## Course Length

5 years

## Faculty

Faculty of Engineering

## Department

Electronic and Electrical Engineering

## Entry Requirements

2025 entry requirements

Standard entry:

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

Widening access entry:

4-5 Highers at ABBB or BBBB including Maths and Engineering Science or Physics plus English at National 5. Advanced Higher Maths and Physics recommended. Higher English preferred.

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

## SCQF Level

11

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

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## Website

www.strath.ac.uk