Computer and Electronic Systems with International Study

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

I200

Course Length

5 years

Faculty

Faculty of Engineering

Department

Electronic and Electrical Engineering

Entry Requirements

2027 entry requirements

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

Widening access entry:
4 or 5 Highers at ABBB or BBBBB 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

www.strath.ac.uk