

Electronic and Digital Systems

University of Strathclyde

Content

Electronic systems are important to nearly every aspect of our lives. Spectacular advances in technology, design and development allow increasing capabilities to be put into ever-smaller electronic devices.

Just think about your mobile – a smart phone that can now make calls, take and send pictures, give you ultra-fast wireless internet access wherever you are and download, play and store 1000s of albums. It may even have specialist security features like fingerprint identity sensors and voice-activated operating systems.

Year 1: Analogue and Digital Circuits, Maths, Electronics and Processing Systems; practical labs and project work introduce design and build activities.

Year 2: concepts in signal processing, digital systems, physical electronics, and wireless communications.

Year 3: specialist topics including signals and communications systems, microcontrollers, and digital electronics.

Year 4: tailor your degree with an individual design project and choice of classes including Communications Networks, Multimedia Systems and Information Security; option to study abroad.

Year 5: group design project to build a prototype system to showcase at the end-of-year industry exhibition; choice of advanced topics including robotics, digital systems design, and image processing.

Start Date

October

Qualification

Degree

Study Method

Full time

Award Title

MEng

UCAS Code

H690

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