

# 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»

## Address

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## Website

[www.strath.ac.uk](http://www.strath.ac.uk)