

## Electrical and Electronic Engineering

Glasgow Caledonian University

### Content

The programme involves a common first two years of core elements covering Electrical Principles, Analogue and Digital Electronics, Mathematics, Software Development, Mechanical Principles, Electrical Systems and a yearly Design Project. Modules titles and content in subsequent years often change as the curriculum and new technologies develop. In the advanced years students can expect to undertake core modules with optional modules to personalise their learning or career aspirations.

#### Year 3

Core: Digital and Programmable Systems, Integrated Engineering Studies, Engineering Operations and Management. Typical year 3 options include Signals and Electronic Systems Design, Communications Engineering, Modelling and Data Analysis, Computer Aided Engineering, Control Engineering, Engineering Design and Analysis or Signals and Electronic Systems.

#### Year 4

Core: Honours Project, Digital Signal Processing. Typical year 4 options include Intelligent Robotics and Mechatronics, Digital Design and Computer Architecture, Wireless Communications, System Level Design, Engineering Design and Analysis, Computer Aided Design or Control Engineering.

### Start Date

September

### Qualification

Degree

### Study Method

Full time

### Award Title

BEng Hons

### UCAS Code

H610

### Course Length

4 years

### Faculty

School of Computing, Engineering and Built Environment

## Department

Electrical and Electronic Engineering

## Entry Requirements

2023 entry requirements

Standard entry: 4 Highers at BBBC including Maths and a science or technological subject plus National 5 English.

Widening access entry: 4 Highers at BBCC including Maths and a science or technological subject plus National 5 English.

## SCQF Level

10

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

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Glasgow City  
G4 0BA

## Website

www.gcu.ac.uk