Electronics and Electrical Engineering

University of Glasgow

Venues

Gilmorehill Campus

Content

Year 1: In your first year you will take courses in mathematics and study engineering fundamentals including computing, analogue and digital electronics and electrical engineering. These courses will form a solid foundation for development later in the degree programme and are supported by individual and group project and laboratory work.

Years 2 and 3: The following two years will contain a core of compulsory and optional subjects such as management and languages. The core courses will give you a firm grounding in the knowledge and skills required of any professional electronics or electrical engineer, whether your career takes you to work with hydroelectric projects or wind farms, designing high-tech gadgets and communications devices or creating new electronic components at the nano-scale. These courses are augmented with practical construction and project work in each year: working both alone and in teams.

Years 4 and 5: You will have a wide choice of technical options in fourth year. You will also gain expertise in professional subjects including economics, project organisation, environmental issues and safety. BEng students will complete a substantial individual project under the one-to-one supervision of a member of academic staff.

MEng students will have the opportunity to take part in a multidisciplinary integrated system design project instead of the individual project. You will learn the skills of project management and work alongside students of other engineering disciplines. Half of this year is devoted to project work, normally carried out in industry, and often via a placement abroad.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BEng Hons

UCAS Code

H600

Course Length

4 years

Faculty

College of Science and Engineering

Department

James Watt School of Engineering

Entry Requirements

2027 entry requirements:

Standard entry: 5 Highers at AAAAA (by end S6 with min AABB after S5) including Maths and Engineering Science or Physics at AA (AB or BA may be considered).

Entry to year 2 may be possible with 3 Advanced Highers at AAA including Maths and Engineering Science or Physics plus Highers at AABB.

Widening access entry: 4 Highers at BBBB or AABB (by end S6) including Maths and Engineering Science or Physics. Completion of pre-entry programme is necessary.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

University Avenue
Glasgow
G12 8QQ

Website

www.gla.ac.uk