Product Design Engineering

University of Glasgow

Venues

Gilmorehill Campus

Content

Years 1 and 2: In the first two years of the degree you will take courses in mathematics and study engineering fundamentals including applied mechanics, fluid mechanics, dynamics, thermodynamics and properties of materials. These courses will form a solid foundation for development later in the degree programme and are supported by individual practical skills and group project and laboratory work. These courses are complemented by design studies at the Glasgow School of Art which aim to develop creativity, exploration and expressions of ideas, and to build confidence in the design process.

Year 3: The third year develops and integrates the application of theory through structured projects. The amount of studio work at The Glasgow School of Art will increase. You will study more advanced engineering subjects at the University – materials and manufacture, dynamics, control and fluid power, heat transfer, mathematical modelling and simulation, and mechanics of materials and structures.

Years 4 and 5: In years 4 and 5 you will take a range of courses in engineering including courses in control, robotics and mechatronic systems. In addition you will take courses in professional practice including activities such as developing business plans, understanding professional and legal requirements, and management.

In your final year you will undertake a major individual project which, for the MEng degree, may be undertaken in industry or on an industry-supported topic. The final year is completed by a range of in-depth technical courses including control, dynamics, auto vehicles and fault detection.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BEng Hons

UCAS Code

H3W2

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 AABB/BBBB (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