Biomedical Engineering

University of Glasgow

Venues

Gilmorehill Campus

Content

Year 1: In your first year, you will take a wide-ranging curriculum which includes courses in biomedical engineering, mathematics, dynamics, electronics, materials, statics, thermodynamics and engineering skills. These courses are supported by project and laboratory work. This interdisciplinary approach, favoured by industry, makes it possible to switch to most other engineering disciplines at the end of year 1 should you wish to do so.

Years 2 and 3: In year 2 you will study further engineering and biomedical subjects including engineering mathematics, mechanics, biomaterials, biomedical engineering skills, electronic engineering, engineering design and engineering in biological systems from the cell to the whole body.

Year 3 consists of more advanced engineering and biomedical subjects including biological fluid mechanics, biomechanics, modelling, instrumentation & control, statistics, medical imaging and human biological sciences.

Year 4: In year 4 of the BEng programme you will complete a project which takes up one third of the year. Year 4 MEng students undertake a multidisciplinary design project. All year 4 students continue to take courses in engineering, biomedical & life sciences and medicine, as well as a range of options including cell and tissue engineering, ultrasound technology, control, materials and mechanics.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BEng Hons

UCAS Code

J750

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 of S6 with a min AAAB after S5) including Maths and Engineering Science or Physics at A.

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

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

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

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Website

www.gla.ac.uk