

Aerospace Systems

University of Glasgow

Venues

Gilmorehill Campus

Content

Year 1: In your first year you will take courses in mathematics and study engineering fundamentals including applied mechanics, dynamics, thermodynamics and electronics. 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. This interdisciplinary approach, favoured by industry, also 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 your second and third years you will concentrate on aerospace dynamics, aeronautical engineering, electronics and systems, electrical circuits and mathematics. Also, throughout the programme there will be a focus on developing key software programming skills.

Years 4 and 5: In year 4 you will study topics including flight simulation, aerospace vehicle guidance and control, radio and radar, dynamics, aircraft handling qualities and aircraft operations.

For BEng students, individual project work allows you to apply the knowledge you have gained during your studies to a problem in aerospace systems. MEng students undertake an interdisciplinary team project instead.

If you are an MEng student, in year 5 you will learn about aircraft handling qualities, aircraft operations, and advanced control concepts. Half of this year is devoted to project work, which can be carried out in industry, within the university or via a placement abroad. A range of optional courses are available in years 4 and 5 to allow you to develop and follow your interests.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

MEng

UCAS Code

H401

Course Length

5 years

Faculty

College of Science and Engineering

Department

Engineering

Entry Requirements

2021 entry requirements:

6 Highers at AAAAAA (by end S6 with min AAAB after S5) including Maths and Engineering Science or Physics.

SCQF Level

10

Address

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Website

www.gla.ac.uk