

Aircraft Engineering

University of the West of Scotland

Venues

Paisley Campus

Content

The programme features a number of specialist modules utilising industry standard software such as CATIA v5 design and ANSYS Fluent, Computational Fluid Mechanics (CFD). Topics include aerodynamics and aircraft performance, composite materials and the design of aerospace structures and systems and these are complemented by traditional engineering topics including project management and Finite Element Analysis (FEA). Another area of study of particular interest to the aerospace industry is composite materials. These are increasingly utilised in modern aircraft structures and you will explore design, manufacturing and testing of these advanced materials.

Guest speakers from industry also form part of the programme to further deepen your understanding of the subject. Representatives from Assystem and Spirit AeroSystems have delivered lectures recently on advanced composite materials and the design of aircraft composite structures.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

MEng

UCAS Code

H411

Course Length

5 years

Faculty

School of Computing, Engineering and Physical Science

Department

Engineering

Entry Requirements

2020 entry requirements:
4 Highers at ABBB including Maths and Physics plus English at National 5.

SCQF Level

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