

## 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

2022 entry requirements

Standard entry:

4 Highers at AABB including Maths and Physics plus English at National 5 at B.

Widening access entry:

4 Highers at ABBB including Maths and Physics plus English at National 5 at B.

## SCQF Level

11

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Paisley  
Renfrewshire  
PA1 2BE

## Website

www.uws.ac.uk