Aero-Mechanical Engineering

University of Strathclyde

Content

Mechanical engineers are recognised for their knowledge and skills in conceiving, designing, implementing and operating devices, machines, engines and energy systems.

You'll learn how to design aircraft engines, control systems, landing gear and about the many complex parts which sustain flight.

All students experience the same learning pace in the first two years and BEng students can, and often do, transfer to the five-year MEng programme. The Aero-Mechanical courses diverge from the core earlier to develop specialist themes.

Studying BEng Aero-Mechanical Engineering you'll learn about: aerodynamics; flight and spaceflight mechanics; aero-propulsion systems; gas dynamics; computational fluid dynamics; materials for aerospace applications; aero-elasticity; lightweight structures.

Start Date

October

Qualification

Degree

Study Method

Full time

Award Title

BEng Hons

UCAS Code

H420

Course Length

4 years

Faculty

Faculty of Engineering

Department

Mechanical and Aerospace Engineering

Entry Requirements

2026 entry requirements

Standard entry:
4 Highers at AAAB including Maths and Physics at A plus English at National 5 (Higher preferred). Advanced Higher Maths and Physics recommended.

Widening access entry:
4 Highers at ABBB including Maths and Physics or Engineering Science plus English at National 5 (Higher preferred). Advanced Higher Maths and Physics recommended.

A Foundation Apprenticeship is accepted in place of a non-essential Higher

SCQF Level

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Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

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Website

www.strath.ac.uk