

Aerospace Engineering

Heriot-Watt University

Venues

Edinburgh Campus

Content

BEng (Hons) Aerospace Engineering combines the core disciplines of mechanical engineering with specific application to aerospace engineering, with a strong focus on the current and emerging needs of the aeronautical industry.

The undergraduate degree will provide you with the core skills and specialist knowledge needed to launch your thriving career as an aerospace engineering. You'll take courses from across the university's engineering disciplines to ensure you gain a foundation of essential knowledge.

In your first two years, you'll study courses from our established mechanical engineering degree, respected by industry and employers for the way it builds capacity to solve problems, analyse engineering components, and design solutions to real-life challenges. You will also be introduced to key concepts from Aerospace Engineering.

In years three and four, you'll have the opportunity to expand your knowledge in Aerospace Engineering with a Group Design Project, whilst learning from specialist optional courses such as Spacecraft Engineering, Industrial and Sustainable Aerodynamics, Unmanned Aerial Vehicle Technologies and Aerospace Simulation.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BEng Hons

UCAS Code

H3A1

Course Length

4 years

Faculty

School of Engineering and Physical Sciences

Department

Engineering

Entry Requirements

2026 entry requirements

Standard entry: 4 Highers at AABB (two sittings) including Maths and Engineering Science or Physics, with 1 at A.
Widening access entry: 4 Highers at BBBC (two sittings) including Maths and Engineering Science or Physics at BB.

Entry to year 2 is possible with Advanced Higher Maths and Physics at AB or BA plus 4 Highers at AABB.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

Edinburgh
EH14 4AS

Website

www.hw.ac.uk