

Robotics, Autonomous and Interactive Systems

Heriot-Watt University

Venues

Edinburgh Campus

Content

Robotic and autonomous systems are now used in areas such as autonomous vehicle guidance, healthcare, remote surgery, industrial manufacturing and domestic assistance. This multi-disciplined BEng Robotics degree brings together electronics, computer software, and mechanics.

In the first three years, you'll be given a background in all three disciplines, along with the opportunity to build integrated systems. In fourth year, you can either continue with a broad-based curriculum, or specialise in particular aspects of contemporary robotics.

You'll work on both individual and group projects from third year onwards, gaining valuable hands-on experience. The projects challenge you to solve a 'real life' problem – such as the project in which our students helped design an electronic egg to monitor penguin incubation. You will be taught how to use industry-standard equipment and facilities, and will be supported and encouraged by staff to use the equipment to further your studies, and innovate creative engineering solutions in your personal time.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BEng Hons

UCAS Code

HP71

Course Length

4 years

Faculty

Science, Technology, Engineering and Mathematics (STEM)

Department

Electrical, Electronic and Computer Engineering

Entry Requirements

2027 entry requirements

4 Highers at AABB (Standard entry) or BBBC (Widening access entry) including Maths and 1 from Computing Science, Engineering Science or Physics plus English at National 5.

For entry to year 2 you would require Advanced Higher Maths and Physics at AB or BA plus above.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

Edinburgh
EH14 4AS

Website

www.hw.ac.uk