

## Robotics

Heriot-Watt University

### Venues

Edinburgh Campus

### Content

The MSc Robotics at Heriot-Watt will provide the students with training in core elements of modern robotics and autonomous systems. This one year postgraduate masters degree in Robotics will equip students to work in industry in areas where robots can be used to improve productivity, transform transportation, work in extreme environments and improve the quality of life.

The students on the MSc Robotics will:

be introduced to core robotics techniques, from basic kinematics to robot control, robot navigation, robot planning and human-robot interactions; receive an extensive training in robot programming (especially ROS) and practical implementation of solutions on real robots; apply their skills in various applications through project work, involving systems such as autonomous robots (cars, subsea vehicles), humanoid robots, advanced manipulators for compliant control and novel robot designs; obtain access to staff from leading research groups to mentor their development and guide their research projects.

Within this programme, students will be offered a degree of flexibility in the options that they study, allowing them to specialise in specific domains of application.

You can exit after 9 months with PgDip Robotics

### Start Date

September

### Qualification

Postgraduate Master's

### Study Method

Full time

### Award Title

MSc

### Course Length

12 months

## Faculty

School of Engineering and Physical Sciences

## Department

Electrical, Electronic and Computer Engineering

## Entry Requirements

A first class or upper second honours degree in mathematics, physics, engineering, and computer science or other relevant disciplines with a numerate background. Equivalent overseas qualifications will also be considered.

## SCQF Level

11

## Address

Edinburgh  
EH14 4AS

## Website

[www.hw.ac.uk](http://www.hw.ac.uk)