

## Telecommunications

Heriot-Watt University

### Venues

Edinburgh Campus

### Content

This is an advanced MSc programme in the rapidly expanding area of telecommunications engineering. The programme offers a balance between theory and practice (hardware and software based projects) and is aimed at telecommunications, electrical, electronic, physics/mathematics and computer engineering graduates.

#### 5G Technologies

The programme explores the use and application of engineering principles in the specification, design, development and deployment of telecommunications. Specialised training is provided across key 5G technologies including -

- Fibre Optic Communications
- Satellite Communications
- Antenna and RF Technologies
- Internet of Things
- Networks and Security
- Machine Learning and Artificial Intelligence

Students will develop a detailed knowledge of telecommunication networks and gain the specialist skills, techniques and practices to work in the current and future (5G and beyond) telecoms industry. Graduates will be equipped to develop and implement creative solutions to the problems encountered in terrestrial networks, satellite networks, and Internet of Things (IoT).

### 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

Preferably, but not exclusively, a First or Second Class Honours Degree in a suitable numerate Science or Engineering subject. Recognised overseas equivalents will apply.

## SCQF Level

11

## Address

Edinburgh  
EH14 4AS

## Website

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