University of Bradford

Satellite Systems Engineering

Study details

Course type: Master's degree
Degree: MSc (Hons) Satellite Systems Engineering
Study mode: Full time
Duration: 12 Month

Cost of study

Cost : 25 600 GBP
Reg. fee : N/A GBP
Scolarship :
Insurance : N/A GBP

Intake/s

Jan/Sep

Requirements

Entry requirements

The entry requirement for a postgraduate taught course is typically equivalent to a UK Second Class Honours Second Division (2:2).

The table below shows how the University equates qualifications from your country to UK degree classifications

Qualification	UK 1st Class	UK 2:1	UK 2:2
Bachelor degree	4.5/5.0 or 81%	4.0/5.0 or 71%	3.5/5.0 or 66%
Specialist Diploma	4.5/5.0 or 81%	4.0/5.0 or 71%	3.5/5.0 or 66%

Accommodation

Key Features & Amenities

- Sports facilities
- Hall Wardens & Security - 24 hour assistance
- Social Spaces

- Well-known food chains
- Accessible launderette
- Focus on sustainability

students may choose to explore private accommodation in Bradford. Average prices are expected to be between £50-£130 per week excluding bills.

Accommodation Costs:

- The Green Village: £85 per week
- Townhouse: £75 per week

Speciality

Pathways Available: Pre-Master's

Sandwich course fees - charged during the placement year away from the University of Bradford for students on thick sandwich courses, or during the year in which the second placement falls for students on thin sandwich courses. Students charged at 10% of the equivalent full-time fee.

If a placement year is to be undertaken abroad and supported by University funding through the University's exchange programmes, fees will increase to 15% of standard fees to cover additional support, advice and administration costs.

Additional information

Degree Overview

This programme is unique in covering not only the three pillars of space/satellite systems: communications, earth observation and navigation, but also artificial intelligence (AI), radio frequency (RF) engineering, and digital signal processing (DSP), all of which are foundational to future satellite and telecommunications systems.

The benefits of this innovative MSc-level programme include:

- being taught by a team of world-renowned technical experts
- access to state-of-the-art laboratory facilities
- opportunity to gain industry-ready skills and competence, and a complete understanding of key concepts delivered through a blend of peer-commended scholarship, inspirational teaching, industrial collaboration, and cutting-edge research

You will acquire important theoretical knowledge, gain hands-on experience using industry-standard hardware equipment and software platforms, and benefit from interactions with the UK industry through industrial seminars, visits and/or collaborative projects. In addition, you will be supported by state-of-the-art laboratory facilities, including a cleanroom for the construction of miniaturised satellites, a small-scale Telemetry, Tracking, and Contol (TTC) Centre, an anechoic chamber, electronics lab, and RF and Wireless lab.