University of Bradford

Advanced Mechanical Engineering

Study details

Course type: Master's degree
Degree: MSc (Hons) Advanced Mechanical 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

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

It is accredited by the Institution of Mechanical Engineers, and develops leadership and managerial strengths that can lead to Chartered Engineer (CEng) status.

You'll develop an advanced understanding of: Mechanics, Materials selection, Manufacturing, Mechatronics, Computer-aided engineering design and Developing integrated mechanical systems.

You'll learn the principles underpinning the design and control of mechanical systems, along with computational and simulation methods used to ensure the reliability and robustness of mechanical systems.

You will use industry-standard computational tools and analysis packages for the analysis, design and evaluation of complex systems, and numerical methods for modelling and analysing engineering problems.