



De Montfort University

Mechatronics and Robotics

Study details

Course type: Bachelor's degree

Degree: BEng (Hons) Mechatronics and Robotics

Study mode: Full time

Duration: 36 Month

Cost of study

Cost : 16 250 GBP

Reg. fee : N/A GBP

Scholarship :

Insurance : N/A GBP

Intake/s

Sep

Requirements

English language requirements

If English is not your first language an IELTS score of 6.0 overall with 5.5 in each band (or equivalent) when you start the course is essential.

- IELTS 6.0 for Art and Design, Business, Computing and Engineering courses
- IELTS 6.5 for Law courses
- IELTS 6.0-6.5 for Humanities and Media courses
- IELTS 6.5-7.5 for Science courses

Certificate of Secondary School Education

Accommodation

Whether you are hosting an international conference, a live music performance, organising a meeting or arranging a celebration, you'll find the perfect space conveniently located with service to match.

- Dance Studio Hire
- Conferences
- Exhibitions and fairs
- Filming & production locations
- Meetings, workshops & training rooms
- Performances and productions
- Special occasions and celebrations

Speciality

Placement fee: £1,850

Pathways Available

International Foundation Certificate | International Year One

Additional information

Degree Overview

Mechatronics and Robotics BEng/MEng covers the integration of mechanical, electronic and intelligent control sub-systems to realise a complete system, which may be a product, machine or process. The multidisciplinary nature of Mechatronics employs design principles, processes, models, toolsets and philosophy unique to mechatronics engineers which enable the design and development of simpler, more economical and reliable systems. Mechatronics and Robotics engineers are in short supply, and enjoy highly versatile careers due to their multidisciplinary skills.

The course covers a unique balance of key analytical subjects and professional skills, ensuring that you graduate well-equipped to face challenging engineering situations in industry. The management skills necessary to operate successfully as a multidisciplinary engineer in industry are promoted and developed at all stages of the course.

You can study Mechatronics and Robotics either as a three-year BEng (Hons) programme, or as a four-year integrated master's. At the end of year three, you have the option of graduating with a BEng or continuing your studies for a further year for a MEng, subject to meeting the progression requirements.

Study Reasons

Multidisciplinary engineers are sought after, and expect significantly enhanced job prospects worldwide. The range of specialist modules studied on this course is reflected by the diversity of careers on offer. You could go into industries including aerospace, automotive, defence and energy as well as large manufacturing industries and domestic/consumer product industries.

You will also be able to work in areas of design, research and development, marketing, sales, production management and quality control.

Work placements are offered as part of this course through DMU Works, and can boost your skills and experience while studying, as well as improving your chances of gaining a graduate level job.