

BSc (HONS) MECHANICAL ENGINEERING

Bachelor's Degree



With a global rise in demand from the automotive and nanotechnology industry, the need for mechanical engineers is greater than ever before. This engaging and flexible course draws key elements from several engineering disciplines to give you a wide-ranging, industry-informed programme to prepare you for employment in a variety of sectors.

During the 3-year qualification, you will learn the key principles of mechanical engineering, engineering applications, advanced materials, and structures, advanced thermofluids, and control - amongst many other subject topics.

Modern and career-focused, the **BSc (Hons) Mechanical Engineering degree** offers the grounding needed to help you excel. Delivered in partnership with the University of Bolton, this course offers flexible timetables with the option to study both digitally online, and in person. Our morning, evening, and weekend classes are available to help you fit your studies around existing life commitments.

Why should I do the BSc (Hons) Mechanical Engineering Degree?

The BSc (Hons) Mechanical Engineering degree is perfect for those who have dreamt of a career in engineering. This course prepares prospective engineers for meaningful professional employment in the Mechanical Engineering sector.

You will develop your cognitive, intellectual, and problem-solving skills associated with mechanical engineering. The need for skilled and qualified mechanical engineers is increasing, which is fostered by a transforming economic landscape, driven by the need for advanced engineering solutions.

With a degree in mechanical Engineering, you will be able to pursue a career in a wide range of industries including advance manufacturing, product design, bio medical engineering, artificial intelligence, and many more. You may also choose to study a master's programme.

BSc (HONS) MECHANICAL ENGINEERING

Bachelor's Degree



Modules:

- Engineering Environment (AME4061)
- Engineering Principles 1 (AME4062)
- Engineering Principles 2 (AME4063)
- Projects and Systems (AME4064)
- Graphical Communications and Computer Modelling (AME4065)
- Engineering Applications (AME5011)
- Mechanics of Materials and Machines (AME5012)
- Thermofluids and Control Systems (AME5013)
- Engineering Modelling and Analysis (AME5014)
- Engineering in Business and Society (AME5015)
- Major Project (AME6011)
- Advanced Materials and Structures (AME6012)
- Management and Enterprise in Engineering (AME6013)
- Advanced Thermofluids and Control (AME6015)
- Finite Element and Difference Solutions (AME6016)

Career Prospects

As the BSc (Hons) Mechanical Engineering degree is a well-recognised degree. Your qualification will be recognised in both the UK and around the world. After graduation, you could pursue a career in manufacturing or other areas of science and technology, such as sustainable energy. The types of job roles are often in research and development, design, production, and plant management, or you may choose to continue your formal education in the form of an MSc or research degree.

Entry requirements

UCAS points: 96

You should have a minimum of two GCE A2-level passes (or equivalent), including Mathematics and a Science and five GCSEs at grade C or above (or equivalent), including Mathematics, Science and English.

Level 3 in related subject

College-recognised certificated learning equivalent to the above. Where possible Regent College London uses the NARIC

database to determine equivalents to GCSE and A level qualifications

IELTS 6.0 with no less than 5.5 in any band (non-native speakers). We also accept a range of other English language qualifications – please visit our [English Language Requirements](#) web page for more details

If you are an international student, you must take a Secure English Language Test (SELT). You can only take a SELT with one of the following providers: IELTS SELT Consortium including UKVI Academic IELTS, LanguageCert, Pearson and PSI Services (UK) Ltd. Please see [here](#) for the minimum scores required for each. You may be required to attend an interview and/or provide a portfolio of work.

Additional Criteria

Non-standard and mature student entry to Part-Time or Full-Time: Engineering related work experience and Intention to study meeting

Certificate (HND/C) will be considered for direct entry to HE5 Level given good results in Level 4 Mathematics and Science

Applicants with a Foundation Certificate or Access to HE Diploma are considered

Course Specification

Duration:	3 years
Level:	RQF Level 4-6
Awarding Body:	University of Bolton
Assessment:	Written exams, course work, practical exams
Timetable:	Weekday / Weekend / Evening Classes
Intake dates:	September, January, April, June
Fee:	£9,250 per year (Home fee)

*Subject to validation

Delivered in partnership with:



London Academic Centre