



BEng (Hons) Mechanical Engineering

About the course

Engineering courses have been delivered successfully at Bolton for 40 years. The course aims to educate you in many disciplines related to the engineering and manufacturing industry. It has recently been updated to ensure that it satisfies the skills needed by the modern mechanical engineer.

The emphasis of the course is to balance the theory and the practice. The approach of case study, practical/laboratory work and problem solving-based projects will be used throughout.

What you will learn

The course is designed for students interested in design and development work related to the engineering industry. It also develops business and managerial skills, so that our graduates can quickly adapt to a position of responsibility in industry.

Duration

3 years full-time

Start dates

September

Careers and professional development

The course is internationally recognised. Its multidisciplinary nature will help you enter many different forms of employment. Previous graduates have secured positions of responsibility in the engineering industry in such areas as design, testing, development and management. On completion, you may choose to continue your formal education in the form of masters and research degrees. Opportunities are available for working in the modern worldwide mechanical engineering industry.

Professional accreditation

In the UK, this course has been designed to meet the academic requirements leading to Incorporated Engineer (IEng) status. Please see the Engineering Council UK website for further details.

What you will study

The following is an indicative list of module offerings.

Level 1

Graphical Communications and IT
Engineering Analysis and Science
Materials and Applications
Thermofluids
Introduction to Mechatronics

Level 2

Mechanical Design
Engineering Analysis and Science
Thermofluids
Materials and Manufacture
Mechatronic Systems

Level 3

Individual Mechanical Design Project
Structures and Finite Elements
Product Management and Organisation
Thermofluids and Automatic Control Systems.

Special features

The department has dedicated materials and engineering laboratories. Staff who teach on the course have years of experience in the industry and has also established a good reputation in this country. You will benefit from our long-term links with national and international engineering industries and organisations. Most modules have a practical content. You are also encouraged to work on live projects and participate in student competitions.

Email: info.uaecampus@bolton.ac.uk
Website: www.bolton.ac.uk/UAECampus