




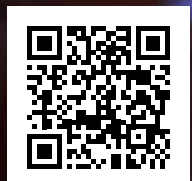
Brunel
University
London

Discover
Engineering

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Engineering

Brunel University London's on-campus pathway provider provides a foundation year in Engineering for students who may not qualify for direct entry to a degree programme and seek a supportive learning environment.

Study Engineering at Brunel

The College of Engineering, Design and Physical Sciences teaches undergraduate courses in four major subject areas including Design, Civil Engineering, Electronic and Computer Engineering and Mechanical Engineering. All programmes are designed to produce highly qualified graduates who will take up demanding roles within the engineering, design and technology industries by developing leadership, innovation and creative skills, in addition to the core technical and analytical skills, to enable and encourage graduates to follow successful careers and aspire to senior managerial roles.

Our courses are industry-led and focus on currently important themes relevant to electric vehicle technology, embedded real-time systems and the 'Internet of Things'.

By studying one of our electronic and electrical engineering courses, you'll develop problem solving skills through designing, developing and testing electrical equipment such as electric motors, radar and navigation systems, communications systems, and systems of automobiles and aircrafts.

Careers and your future

To prepare you for the workplace, we actively encourage you to go on a work placement. Your professional experience and skills can lead onto a graduate role from your placement company. Our graduates have gone on to work for well-known organisations like IBM, Intel, Mercedes and Siemens to name a few.



#DiscoverBrunel

brunel.ac.uk/lbic

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Key facts

Undergraduate pathway in Engineering

Duration

Two semesters

Intakes

January and September

Course fee

International: £15,900

EU: £9,250

Typical modules

Engineering Concepts

ICT and Programming Techniques

Interactive Learning Skills and Communication for Engineers

Mathematics for Engineers 1

Mathematics for Engineers 2

Physics for Engineers 1

Physics for Engineers 2

Problem solving, Creative Thinking and Analytical Skills

This pathway leads to the following Brunel University London degrees:

Chemical Engineering BEng

Civil Engineering BEng (Hons)

Civil Engineering with Sustainability BEng (Hons)

Electronic and Electrical Engineering BEng (Hons)

Electronic and Electrical Engineering (Artificial Intelligence) BEng

Electronic and Electrical Engineering (Computer Systems) BEng*

Electronic and Electrical Engineering

(Communication Systems) BEng

Electronic and Electrical Engineering (Energy Systems) BEng

Mechanical Engineering BEng (Hons)

Engineering is ranked

3rd in London

(The Complete University Guide, 2020)

Our Electronic and Electrical Engineering BEng course is accredited by the Institution of Engineering and Technology (IET). This professional engineering institution ensures that your engineering degree meets the academic requirement to qualify as a professional engineer.