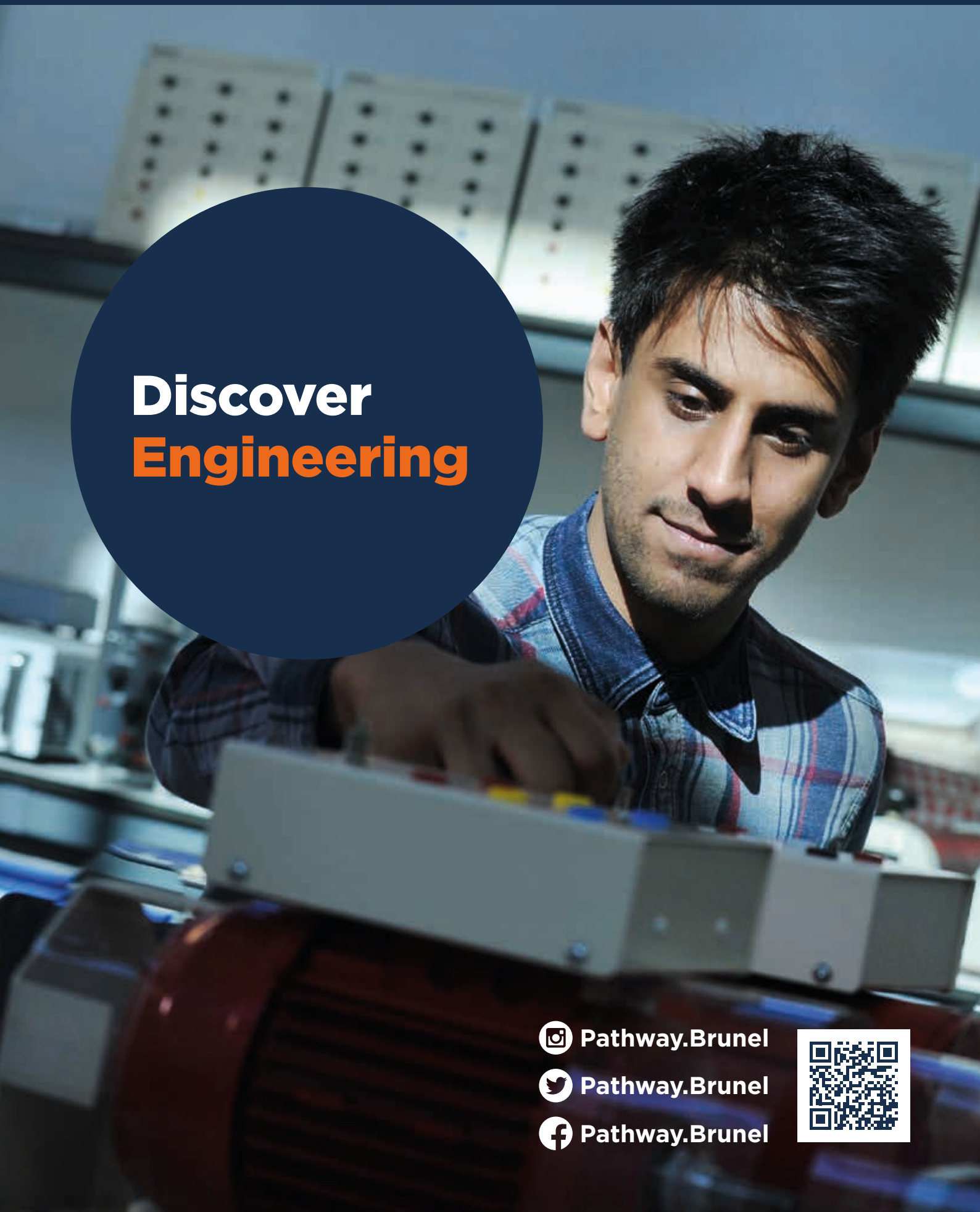
Brunel University London | Pathway College



Discover Engineering

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ENGINEERING

Brunel University London's on-campus pathway provider provides a foundation degree 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.

Key facts

Undergraduate pathway in Engineering

Duration
Two semesters

Intakes
January and September

Course fee
International: £16,350
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 degree:

Chemical Engineering BEng (Hons)
Civil Engineering BEng (Hons)
Civil Engineering with Sustainability BEng (Hons)
Computer Systems Engineering BEng (Hons)
Electronic and Electrical Engineering BEng (Hons)
Electronic and Electrical Engineering (Artificial Intelligence) BEng (Hons)
Electronic and Electrical Engineering (Computer Systems) BEng (Hons)
Electronic and Electrical Engineering (Communication Systems) BEng (Hons)
Electronic and Electrical Engineering (Energy Systems) BEng (Hons)
Mechanical Engineering BEng (Hons)

Electrical & Electronic Engineering is ranked 5th in London (The Complete University Guide, 2021)

Our courses are accredited by the Institution of Civil Engineers, the Institution of Structural Engineers, the Institution of Mechanical Engineers, the Chartered Institution of Highways and Transportation, and the Institute of Highway Engineers.

#DiscoverBrunel
brunel.ac.uk/pathwaycollege

Brunel University London Pathway College
at Brunel University London,
Kingston Lane, Uxbridge
Middlesex UB8 3PH United Kingdom
T +44 (0)1895 265540 E info@pathway.brunel.ac.uk

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