



UNIVERSITY OF
BIRMINGHAM

ENGINEERING BENG/MENG

FACT FILE

UCAS code: BEng (H236)/
MEng (H632)

Duration: 3 years for BEng;
4 years for MEng

Course type: Undergraduate,
Single Honours

Typical entry requirements:
MEng: AAA; BEng AAB

A shared first year provides the opportunity to explore engineering topics, developing knowledge and skills to shape your future. Our programmes have been designed with industry in mind, where modern engineering requires collaboration. From Year 2, students specialise in Civil Engineering, Electronic, Electrical and Systems Engineering, Mechanical Engineering, Mechatronic and Robotic Engineering or Railway Engineering.

WHY ENGINEERING AT BIRMINGHAM?

- **Flexible degrees** – defer choice of your specialist pathway until the second year of the programme
- **Research-based degrees** – benefit from world-leading research activity in the School, learning from global experts in their fields
- **Investment in facilities** – the School is benefiting from investment in engineering facilities, including the Collaborative Teaching Laboratory with multifunctional labs as well as the new School of Engineering building
- **Accredited degrees** – degrees in all disciplines are accredited by the relevant accrediting body
- **Industrial links** – all disciplines have opportunities to engage with industry, gaining practical skills to ensure you are employment-ready upon graduating

ENTRY REQUIREMENTS

A level: MEng: AAA; BEng: AAB

IB: MEng: 6, 6, 6; BEng: 6, 6, 5 at
higher level
BTEC options considered

Required subjects and grades:

A level: Maths

IB: To include Mathematics with
a minimum of 32 points overall

EPQ: We may reduce your offer by one
grade if you achieve at least an A grade
in this qualification

Visit [www.birmingham.ac.uk/schools/
engineering/courses/undergraduate.aspx](http://www.birmingham.ac.uk/schools/engineering/courses/undergraduate.aspx)
for details

ABOUT THE COURSE

You will learn the essential skills needed to operate as an engineer in any discipline, working with your peers from other branches of engineering to discover how your unique interests and skills can work together to produce better solutions.

In your first year, you will study the modules below:

- Computing for Engineers
- Electrical Engineering 1
- Engineering Materials
- Engineering Mathematics 1
- Fluid Mechanics and Energy Transfer
- Integrated Design Project 1
- Mechanics 1

A NEW HOME FOR THE SCHOOL OF ENGINEERING

Our new state-of-the-art School of Engineering building will bring together engineering disciplines from across the University providing different and flexible ways of working to support the training of the next generation of engineers. Equipped with spacious seminar rooms and media stations, the combined School addresses research and education needs for today and the future.



This leaflet was written several months in advance of the start of the academic year. It is intended to provide prospective students with a general picture of the programmes and courses offered by the School. Please note that not all programmes or all courses are offered every year. Also, because our research is constantly exploring new areas and directions of study some courses may be discontinued and new ones offered in their place.

Please note the information in this brochure is correct at time of publication but may be subject to change (June 2020).

CAITLIN

**Mechanical
Engineering with
Industrial Year**



I chose to study the engineering programme at Birmingham, not only because of the flexibility it gave me to choose between the different disciplines, but also because of the vibrant city of Birmingham and the extra-curricular activities available at the University. Birmingham has so much more to offer than just a great course and campus, it has a bustling city centre and the University has something to offer for everyone.

WHERE COULD ENGINEERING TAKE YOU?

Our students graduate in their various disciplines and secure jobs in a number of sectors. Graduates from engineering programmes have gone on to work for a wide range of organisations such as:

- Balfour Beatty
- JCB
- Network Rail
- Rolls-Royce

CONTACT US

General admissions enquiries:

Tel: +44 (0)121 414 4230

Email: ugengineering@contacts.bham.ac.uk

www.birmingham.ac.uk/schools/engineering/courses/undergraduate.aspx

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