



UNIVERSITY OF
BIRMINGHAM

SCHOOL OF
ENGINEERING

ENGINEERING BEng/MEng



ENGINEERING

BEng (H236)/MEng (H632)

With the flexibility to explore engineering topics before specialising in your area of interest, you will develop the knowledge, skills and confidence to shape your future.

Our Engineering programme has been designed with industry in mind, where modern engineering requires collaborative working across traditional boundaries. Following a shared first year learning fundamental skills, you will then specialise in one of the following disciplines:

- Civil Engineering
- Electronic, Electrical and Systems Engineering
- Mechanical Engineering
- Mechatronic and Robotic Engineering

In all disciplines you will have opportunities to engage with industry during your study, gaining practical skills to ensure you are employment-ready upon graduating.

Benefits of the programme

- A broad understanding of engineering fundamentals, providing solid understanding of each discipline
- Defer choice of your specialist pathway until the second year of the degree programme
- Build specialist knowledge and understanding in your chosen discipline, developing analytical and technical skills
- Benefit from world-leading research activity in the School of Engineering, learning from global experts in their fields
- Option for a Railway engineering pathway on specific degrees

Entry requirements

Number of A levels required: 3

Typical offers: MEng: AAA; BEng: AAB

3rd MOST TARGETED UNIVERSITY BY LEADING EMPLOYERS
(THE GRADUATE MARKET IN 2019, HIGH FLIERS REPORT)

SCHOLARSHIPS AVAILABLE

Required subjects and grades

- A level Mathematics
- Physics and Further Maths are not required but are advantageous
- General Studies and Critical Thinking are not considered
- Students who put us as their firm choice and just miss the grade requirements for MEng study will be automatically considered for a place on the BEng programme

International Baccalaureate Diploma

6, 6, 6 for MEng programmes or 6, 6, 5 for BEng programmes at Higher Level, to include Mathematics with a minimum of 32 points overall.

We assess all UCAS applications individually to determine your eligibility, and so qualifications under other examination systems may also be acceptable.

The possibility exists for UK/EU students who do not have the appropriate qualifications for direct entry into one of the accredited degree programmes to qualify to study on the Foundation Year.



A NEW HOME FOR THE SCHOOL OF ENGINEERING

In summer 2020 we will see the opening of our new home for the School of Engineering. The state-of-the-art 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.

LEARN MORE

Dr Richard Hood

Head of Admissions

School of Engineering

Tel: +44 (0)121 414 4230

Email: ug-admissions-eng@contacts.bham.ac.uk

www.birmingham.ac.uk/ug-engineering

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.



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Edgbaston, Birmingham,
B15 2TT, United Kingdom
www.birmingham.ac.uk

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