Welcome

I am pleased you are considering studying Mechanical Engineering at the University of Birmingham. Mechanical Engineering is a wonderfully diverse subject and I think it can be best summed up with a slogan from our professional body, the Institution of Mechanical Engineers – ‘Nothing moves without Mechanical Engineers’. Whether it is an aircraft, car, train, satellite or an artificial knee replacement, mechanical engineers play an important role.

As you read through this brochure, you will learn about our degree programmes, be informed about our industrial partnerships and how they can be of benefit to you, and learn how to achieve chartered status.

Please do not hesitate to contact us if you have any questions. Contact details appear at the back of the brochure and our friendly Admissions Office is always happy to help and inform.

I am proud to be a mechanical engineer and I hope you decide that it is the profession for you. I wish you every success in your future examinations and look forward to welcoming you to the Department of Mechanical Engineering at the University of Birmingham.

Best wishes,
Professor Duncan Shepherd
Head of Department
Mechanical Engineering

STUDENT EXPERIENCE

You will have plenty of opportunities to get involved in extra-curricular activities alongside your study, and the Department of Mechanical Engineering has a number of very active student societies you can take part in.

MechSoc brings together students in the Department for social activities, student-arranged industrial and employer talks, sports matches and much more. UBRacing is the University’s Formula Student team, which provides a fantastic opportunity to gain hands-on experience of a real-life engineering task to students from all years and disciplines in the School. UBRobotics was established to build different types of robots to compete in national and international competitions and gives you the opportunity to develop skills such as coding, mechanical design and electronics.

Visit www.birmingham.ac.uk/eps-societies for the latest news and details from all societies in the College of Engineering and Physical Sciences.

EXCELLENT TEACHING AND FACILITIES

As a Mechanical Engineering student, your learning experience will be enhanced by teaching from lecturers who are internationally renowned and respected experts in their fields, and our leading-edge teaching facilities and laboratories.

The Collaborative Teaching Laboratory (CTL) is to become a hub for science and engineering teaching, with multifunctional labs suitable for subject-specific and cross-disciplinary teaching and teamworking. It represents an investment of over £40 million across two distinct phases in Science, Technology, Engineering and Mathematics (STEM) subjects with a vision to transform practical teaching in this area. The first phase of the project has provided flexible learning spaces for our students for laboratory and classroom work, and the second phase will see a new building created to facilitate collaborative working, reflecting industry practices (due to be completed in the academic year 2018–19).

STRONG LINKS INDUSTRY

Mechanical Engineering at the University of Birmingham has extremely strong links with key employers, such as Aston Martin, BP, Jaguar Land Rover and Rolls-Royce, who provide projects and work placements for our students and regularly recruit our graduates. You will be actively encouraged to gain industrial experience by undertaking summer placements or studying the programme MEng Mechanical Engineering with Industrial Year. These will help build your confidence and prepare you for graduate employment. We have an Industrial Liaison Officer who works with our industrial partners and we also have extensive industrial contact through our research.

The Department also benefits from an Industrial Advisory Committee, which ensures that our programmes are industrially relevant and producing graduates with the skills and knowledge industry needs. The committee includes senior engineers from Rolls-Royce, Caterpillar, IMechE, Renishaw, Mazak Intertek and MatOrtho.
NEW SCHOOL OF ENGINEERING BUILDING

In summer 2020, we will see the opening of the new home to 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.

ENTRY REQUIREMENTS

All MEng courses
A level: AAA
International Baccalaureate Diploma: 6,6,6 at Higher Level to include Mathematics with a minimum of 32 points overall.

All BEng courses
A level: AAB
International Baccalaureate Diploma: 6,6,5 at Higher Level to include Mathematics with a minimum of 32 points overall.

Required subjects and grades:
A level Mathematics.

Please see page 14 for further information about entry requirements.

For more information please visit www.birmingham.ac.uk/mechanical
Mechanical engineers make things move. Mechanical engineers design and develop all machines with moving parts – anything from vehicles like satellites, cars, trains and aircraft, to plants for generating clean power, medical equipment like pacemakers and micro-scale pumps, and machines, such as robots, that make other products.

Engineering is key to many of the issues affecting our quality of life today. Mechanical engineers are engaged in a large range of engineering topics, whether it be designing mechanisms to improve vehicle performance, reducing car emissions and improving vehicle consumption; working on solutions to reduce journey distances and traffic speed with GPS technology, or speeding up railways and improving their reliability and comfort.

Mechanical engineers supply solutions in terms of life-saving equipment in the medical sector, and are involved with manufacturing products of all scales from nanotechnology to large industrial manufacturing machines.

Our courses are designed to give you the expertise needed to tackle real-world problems. As an engineering professional, you might be responsible for product design, testing, planning for profitable and high-quality production, management of business, or all of the above – and a degree from Birmingham provides you with the skills to deliver results in an ever-changing industry.

Our students benefit from a research-led culture, which informs our teaching. Our expertise is in applying engineering science to solve problems of industrial and societal significance. We have specific research strengths in several areas, and there are opportunities for students to undertake projects in these key themes:

The Vehicle Technology Research Centre has a world-leading research profile in combustion engines and low-carbon vehicle technology. Our work includes the use of hydrogen as a clean fuel, the investigation of heat build-up in aircraft tyres, and the use of new materials to reduce weight.

The Advanced Manufacturing Technology Centre carries out internationally leading research focusing on High Value Manufacturing and the associated knowledge-based technologies.

Biomedical engineering research at Birmingham concentrates on surgical techniques, implants and instruments, as well as the physical properties of natural and synthetic materials to design and develop devices.

Exciting developments in the field of nanotechnology at Birmingham allow students to undertake projects in areas such as micron-scale sensors and engines using silicon chip technology.
Our programmes: degrees in Mechanical Engineering

You can choose from a range of programmes to find the option best suited to your interests and needs. All of our programmes reflect the strength and longevity of our industrial partnerships.

- MEng Mechanical Engineering (H301)
- BEng Mechanical Engineering (H300)
- MEng Mechanical Engineering (Automotive) (H330)
- BEng Mechanical Engineering (Automotive) (H302)
- MEng Mechanical Engineering with a Year in Industry (H303)
- BEng Mechanical Engineering with Industrial Year (H304)
- BEng Engineering Foundation Year (Mechanical Engineering Pathway) (HFJ0)

Aims and objectives
The Mechanical Engineering course is designed to suit the needs of a high-quality student intake and to produce graduates with the requisite skills and knowledge to create products that can compete successfully in global markets.

The Mechanical Engineering (Automotive) course provides a thorough background in Mechanical Engineering together with a specialisation in automotive engineering. It also is designed to suit the needs of a high-quality student intake and to produce graduates with the requisite skills and knowledge to develop and implement new automotive technologies.

In addition, both courses aim to produce graduates who can communicate effectively, who possess the skills and competencies needed for industrial management, and who have the ability to further their professional development by personal research or study.

Learning styles
You will experience a range of teaching and learning styles during your course that reflects the diversity of the subject and the practicality of the workplace. The majority of our lecture courses are linked with design projects or laboratory experience, giving you the experience of applying theory to real-world situations. You will experience interdisciplinary working alongside other engineering branches, replicating industry expectations, and as well as extending your technical knowledge, our courses aim to build your confidence and skills in communication and industrial management.

ENGINEERING FOUNDATION YEAR
If you want to study Mechanical Engineering at Birmingham but don’t possess the recommended qualifications for entry to one of our degree programmes, we offer an engineering foundation year programme. For further information visit: www.birmingham.ac.uk/engineering-fy

‘I always had a strong passion for maths at school and being able to see its real-life applications through studying mechanical engineering was one of the main reasons I chose to study it. Mechanical Engineering at Birmingham provides all the support needed to succeed.’

LAURA GREEN, MEng Mechanical Engineering
Programme organisation

Our programmes have been developed to provide you with a strong knowledge of engineering fundamentals, alongside a broader understanding of topics such as behaviour, policy, entrepreneurship and global perspectives. In later years, your programme offers you the opportunity to specialise in areas that interest you. By the end of your course, you will be equipped to play a leading role in a professional capacity in both industry and academia.

Changing specialism

In the School of Engineering, we offer the flexibility for you to tailor your study to your own interests, and give you the opportunity to change your engineering specialism should you wish to do so.

You may need to meet certain progression requirements to progress between areas, to add in an industrial year or move/transfer from the BEng to the MEng programmes during your study.

When you start studying in the School of Engineering, your first year will be shared across all disciplines, meaning you will be working with colleagues in the departments of Civil and Electronic, Electrical and Systems Engineering, as well as those in Mechanical Engineering. This interdisciplinary working reflects industry practices and right from the very start will begin building your teamworking and professional skills alongside your technical knowledge.

You will study a number of core engineering topics, including Materials, Structural, Electrical and Fluids Engineering, as well as Design and Management.

One of the defining features of your first year of study is the Integrated Design Project, where you will work with colleagues from across the School on a project combining several areas of engineering. Right from the start, we encourage collaborative and innovative working, to prepare you for joining industry after you graduate.

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

### Year 2
- Mechanics 2
- Mechanical Design A
- Mechatronics and Control Engineering
- Thermodynamics and Fluids
- Integrated Design Project 2
- Engineering Mathematics 2

### Year 3
- Sustainable Energy and the Environment
- Mechanical Design B
- Powertrain and Vehicle Engineering
- Computational Fluid Dynamics and Finite Element Analysis

### Year 4 (MEng)
- Synoptic Mechanical Engineering
- Individual Engineering Project
- Optional modules:
  - Advanced Vehicle Engineering
  - Advanced Fuels and Powertrain Systems
  - Advanced Manufacturing 1
  - Advanced Manufacturing 2
  - Bio-medical and Micro Engineering
  - Advanced Mechanics and Fluids
  - Industrial Automation and Robotics
  - Robotics
- BEng Compulsory:
  - Individual Engineering Project
  - Integrated Design Project 3
- MEng Compulsory:
  - Engineering Mathematics 3
  - Integrated Design Project 3
  - Turbomachinery and Compressible Flows
In Year 2, you will build on the knowledge gained in Year 1 and begin to specialise your study. The programme is organised into integrated modules covering core Mechanical Engineering subjects designed to develop your learning progressively. You work on improving your mathematical, statistical and computing techniques; studying heat, power and fluid flows, learning about mechanisms and control, studying manufacturing technology and how production is managed, as well as taking on a group project with other students. You will consider the movement of mechanisms, the strength of individual parts, the efficiency and environmental impact of your designs, and the methods that can be employed to make products profitable.

All students carry out a major group design project to develop a new product, looking at all parts of the product development including the legal and business aspects.

In Years 3 and 4, you will develop your specialisation further, with an increased problem-solving-based focus. You continue with Mechanical Design where you undertake project work and have the opportunity to attend lectures from companies such as Rolls-Royce, Aston Martin and Jaguar Land Rover to gain an insight into industrial design projects.

If you study the BEng programme you will undertake an individual design project in your third and final year.

If you opt for the MEng programme, in your final year you will be given options to study topics reflecting the academics’ research interests and emerging engineering topics. These options are designed to allow you to focus on your chosen area of specialism. Your final-year project forms a significant part of your final year – the projects range in type from purely experimental laboratory-based projects to ones that solely make use of our extensive simulation and modelling software. They vary in topic from designing new artificial joints to the thermodynamic modelling of engines. Many projects are defined by industry and Formula Student team members can also undertake projects based on the racing car. The project gives you the chance to use your own initiative and apply the skills and knowledge learnt during your degree programme. To summarise, we have adopted an approach that is designed to provide continuity and coherency that will help you to acquire a deep understanding of each new topic by placing it in its wider context. We believe this strategy will challenge and motivate you, improve your overall learning experience and enhance your skills as a mechanical engineer.
Programme organisation

Continued

Professional skills
We place great emphasis on developing your professional and business skills, required by the industry once you graduate. Competencies such as time and project management, oral and written presentation, effective teamworking and proficiency in IT are fostered through individual and group work throughout your programme.

Assessment
Each module has its own assessments which may include exams, written assignments, oral and poster presentations, computer-based tests, class tests, and laboratory and project reports. Industrial projects may involve log files and a portfolio of activities or other variants established by the host organisation.

Studying at university
Studying at degree level is very likely to be different from your previous experience of learning and teaching. At the University of Birmingham, we provide support and resources to help you develop your independent study skills, which are particularly important when you come to undertake projects within your degree programme.

Within the School, you will be assigned a personal tutor, who will support you in your study and provide a point of contact to discuss subject-specific issues, whilst the Academic Skills Centre at the University offers you support through workshops, events, one-to-one appointments and extensive online resources. For full information on the student support we offer, please visit www.birmingham.ac.uk/undergraduate/support/index.aspx

Research
Our teaching benefits from strong links with our research programmes through the range of modules available. You will benefit from developments at the leading edge of your chosen field, and links formed across modules reflects the holistic nature of engineering from the very start of your programme.
‘I was contracted to Lionbridge during my Year in Industry but I worked for Rolls-Royce in their Central Manufacturing Engineering team.

‘The Year in Industry experience was really useful to my degree because it taught me to justify decisions that I was making and to stick to the project specification. It also helped me to improve my softer skills so I now have the confidence to talk to people face-to-face when I require support, whereas before I may have resorted to email. My organisational skills have also improved. I now have lots of experience to talk about in interviews and am looking forward to my new career as a Railway Systems and Safety Engineer in September.’

NATHANIAL HUTCHINSON, MEng Mechanical Engineering with Industrial Year
Industrial experience
We believe that industrial training and experience are vital components of every student’s professional development. As part of our continuing commitment to providing a balanced education, we will help you to gain experience or sponsorship with an industrial company as either an industrial year or summer placement student during the course, if this is what you are looking for.

We offer the services of an Industrial Liaison Tutor, whose role is to help you and your fellow students to forge links with industry by providing opportunities for vacation work, year-out placements, sponsorships, etc, and to act as a ‘match-maker’ to bring together final-year students and recruitment staff from suitable companies.

These companies include Jaguar, Cadbury, the BBC, Unilever, Rolls-Royce, JCB, Kodak, Siemens, Mercedes AMG High Performance Engines, Delcam and Airbus.

We also invite companies to enrich our teaching by contributing to seminars, live projects and case studies.

Opportunities for both year-out and vacation placements are advertised openly on the Mechanical Engineering industrial liaison notice board, and are available to all qualifying students.

Year-out placements
A number of our students opt to take a year out with an engineering company. You may take a year out either between Years 2 and 3 or Years 3 and 4 of your degree programme. As well as benefiting from a period of approved and paid employment with all the usual entitlements of the job such as paid leave, networking, etc, (the exception being a pension plan) your degree programme will change to have the additional words ‘with industrial year’ added to the title, in recognition of your efforts. This type of placement qualifies you towards one year of your graduate training period towards Chartership. Taking a placement can speed up the process of achieving charted status. During the industrial year, you will retain your undergraduate status with us, even though you are in employment, and will continue to benefit from being a member of this University at a reduced student fee level.

The aim of this activity is not simply to provide paid work but to ensure that its nature and quality are commensurate with your professional development. A key element is to ensure that students and companies are well matched, maximising both parties’ experience.

‘When looking at graduates it is highly important that they are engaged and connected with the working environment and are, for example, aware of the tools that are applied as part of their chosen profession.

‘The University of Birmingham prepares its students with practical hands-on sessions bridging the gulf between academia and industry very well, which in turn is very helpful to the individual candidate.’

JOHNNY OJEIL, Director, Arup
Building your skills

As one of our Mechanical Engineering students, a huge and exciting array of career opportunities will be open to you when you graduate – both at home and abroad. Not only do our degrees provide you with the relevant technical knowledge, but we also place great emphasis on developing your professional and business skills, required by the industry once you graduate. Competencies such as time and project management, oral and written presentation, effective teamwork and proficiency in IT are fostered through individual and group work throughout your programme.

The University provides an award-winning employability programme, the Personal Skills Award (PSA), exclusively for undergraduate students. Endorsed by a range of employers, the award gives students the opportunity to develop and articulate extra-curricular skills to enhance their employability opportunities.

MATTHEW FOX,
Graduate Engineer at Rolls-Royce,
MEng Mechanical Engineering graduate

‘Before I go any further I would like to point out that this is the Rolls-Royce that makes aerospace engines (amongst other products) and not the one that makes cars; so no I don’t get a company car! I am certain that the fact I had an engineering degree from the University of Birmingham on my CV was a big factor in me getting the job.

‘As part of the graduate scheme you complete four attachments, each of which is around four months long. I am now roughly half-way through my second of these attachments. In the first, I was working within the turbines team looking at stress; I found it very interesting to get to look at serviced parts and see how they deteriorate during use. As part of my current placement, I am working on the brand new technology of composite fan blades. The manufacturing method of these blades is quite fascinating, but I’m sorry I can’t tell you more than that! I really feel that being on a structured graduate programme like this will help me to develop into a better engineer in the future.’

*Destinations of Leavers from Higher Education 2016/17
Where will your degree take you?

Continued

Tailored careers support from Careers Network

We provide a wealth of opportunities to develop your career. From your first day at Birmingham to after you graduate, Careers Network is here to help you identify and achieve your individual career aspirations through its wide range of services.

Our dedicated careers team brings you information, advice and guidance tailored to your specific needs. Careers advisers offer one-to-one advice appointments where you can discuss your career plans and explore your options.

Our multi-award-winning work experience team has dedicated internship officers to help find the right work experience for you. Make the most of these opportunities and apply for our Work Experience Bursary Scheme, the Birmingham Undergraduate Internship Programme or one of our successful mentoring schemes.

‘Students from the University of Birmingham have an excellent grounding in the fundamentals of engineering and also display good personal skills allied with original and innovative thinking and ideas.’

ROBERT MOYLE, Executive Chairman, North Midland Construction PLC

‘A year ago I attended a lecture at the University about project management. Although it was perhaps not my favourite topic, I was intrigued by the company where the guest lecturer worked. Despite being aware of its small size and that the company did not have a graduate scheme (nor any advertised jobs at the time), I asked him who to contact regarding applying for a job. The same week, I sent an email to HR with a short description of myself and my past experiences as well as a CV. Four months and 33 emails later, I had a 15-minute telephone interview and yet another month later, an interview on site. At the beginning of June 2015, I had secured a job in a small town in Gloucestershire.’

JENNY FREIJ, Product Development Engineer at Corin Group Plc, MEng Mechanical Engineering with a Year Abroad, graduate

ALEX CONWAY
Mechanical Engineering with Industrial Year, graduate

‘I undertook a placement with Mercedes AMG High Performance Powertrains after the third year of my degree. Prior to my degree I’d not considered a career in motorsport, but the opportunity of early involvement with the Formula Student team soon made it an ambition.'
The College of Engineering and Physical Sciences has a wide range of societies for students to get involved in outside of their studies; here are some that Engineering students enjoy.

UBRACING
UBRacing is the official Formula Student team at the University of Birmingham. This extra-curricular student-run project takes place each year to design, fund and build a single-seater racing car from scratch, in order to compete in a series of tests against other universities. Since UBRacing started in 1998, our student teams have travelled all over the world competing in various series of Formula Student. UBRacing alumni can be found working in many aspects of engineering, including the automotive industry, for companies such as Jaguar Land Rover.

MECHSOC
MechSoc welcomes all Mechanical Engineers at the University. Bringing students across all years together, MechSoc hosts a range of events to appeal to all members, including quizzes, social nights and industrial talks from employers.

UBEROBOTICS
UBRobotics builds different types of robots to compete both nationally and internationally. The society’s members are able to learn about robotics and develop skills that can make robots work effectively such as coding, mechanical design and electronics.

MIXED NETBALL
The College’s Mixed Netball team is a competitive but inclusive sports team. The team is involved in regular inter-school matches against teams from across the University giving its members the chance to compete and show their skills.

ENGINEERING RUGBY CLUB
This rugby club is mainly made up of Engineering and Physical Sciences students. The team welcomes all abilities to its social rugby society, which also has teams that compete weekly against clubs across the country as well as attending matches at some of the country’s top clubs.

Find out more
www.birmingham.ac.uk/eps-societies
How to apply

You have the flexibility to tailor the course you study to your needs and interests, and are not committed to the degree pathway at the point of entry. If you are offered the BEng programme at the point of entry there is an opportunity to transfer to the MEng programme if you meet the relevant progression requirements at the end of your second year.

How do I apply?
You will need to submit an application through UCAS to be considered for study and use the appropriate code below. Demand for places is high and we advise applicants to apply early. www.ucas.com

Essential information
- A level Mathematics is required.
- Physics and Further Maths are not required but are advantageous.
- General Studies and Critical Thinking are not considered.
- International Baccalaureate (IB) Diploma: Our standard offer is no less than 32 points overall including Mathematics at Higher Level (HL). HL scores needed are in the table provided.
- Students who just miss the grade requirements for MEng study will be automatically considered for a place on the BEng programme.

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

Deferral entry and sponsorship
We value the experience gained by students who wish to take an industrial or gap year before entering University. Students who obtain industrial sponsorship may need to defer their entry for the year. If you wish to do this, simply continue with the standard UCAS admissions procedure but write to the Undergraduate Admissions Tutor once you are sure that deferment is required. We will contact UCAS and the University administration on your behalf and make all the necessary arrangements. A place on the following year’s course will be reserved for you, so you need take no further action.

Fees and funding
For comprehensive information on fees and funding, please visit www.birmingham.ac.uk/undergraduate/fees/index.aspx

Scholarships
The School of Engineering offers widening participation scholarships and scholarships for excellent academic performance. Eligible UK, EU and international students will be automatically considered for the scholarships offered by the School during the application process. Full details for scholarships for 2020 entry, along with their terms and conditions, can be found by visiting School webpages: www.birmingham.ac.uk/engineering-ug-scholarships

If you’re a local student you may be eligible for the A2B Scheme. Visit www.birmingham.ac.uk/a2b for further details.

<table>
<thead>
<tr>
<th>Programme</th>
<th>UCAS code</th>
<th>Duration (Years)</th>
<th>Typical offer</th>
<th>Subject requirements</th>
</tr>
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<tbody>
<tr>
<td>Mechanical Engineering MEng</td>
<td>H301</td>
<td>4</td>
<td>A level: AAA/IB: 6, 6, 6</td>
<td>A level Maths at grade A/HL Maths at grade 6</td>
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<td>Mechanical Engineering BEng</td>
<td>H300</td>
<td>3</td>
<td>A level: AAB/IB: 6, 6, 5</td>
<td>A level Maths at grade B/HL Maths at grade 5</td>
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<td>Mechanical Engineering with Industrial Year MEng</td>
<td>H303</td>
<td>5</td>
<td>A level: AAA/IB: 6, 6, 6</td>
<td>A level Maths at grade A/HL Maths at grade 6</td>
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<tr>
<td>Mechanical Engineering (Automotive) MEng</td>
<td>H330</td>
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<td>A level: AAA/IB: 6, 6, 6</td>
<td>A level Maths at grade A/HL Maths at grade 6</td>
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<tr>
<td>Mechanical Engineering (Automotive) BEng</td>
<td>H302</td>
<td>3</td>
<td>A level: AAB/IB: 6, 6, 5</td>
<td>A level Maths at grade B/HL Maths at grade 5</td>
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<tr>
<td>BEng Mechanical Engineering with Industrial Year</td>
<td>H304</td>
<td>4</td>
<td>A level: AAB/IB: 6, 6, 5</td>
<td>A level Maths at grade B/HL Maths at grade 5</td>
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<tr>
<td>Engineering Foundation Year</td>
<td>HFJ0</td>
<td></td>
<td></td>
<td>For further details, visit <a href="http://www.birmingham.ac.uk/engineering-fy">www.birmingham.ac.uk/engineering-fy</a></td>
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</tbody>
</table>
Visiting us
If you are made an offer you will be given the opportunity to join us on campus at an Offer-Holder Day. You will be able to visit the School and its facilities, meet current staff and students, tour our campus and learn more about studying with us. The Offer-Holder Day is an ideal opportunity to ask questions about the programme and student life, and will give you a clear idea of what Birmingham has to offer.

Further details of University scholarships and funding opportunities can be found on our undergraduate Funding Database at www.birmingham.ac.uk/undergraduate/funding/index.aspx

LEARN MORE
Please contact us for further details or with any questions you may have.

Admissions Tutor
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Twitter: @SchoolofEng_UoB
Instagram: @schoolofenguob
Facebook: schoolofengineeringbirmingham
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 2019).