

# **CIVIL ENGINEERING**







# Welcome

I am very pleased to introduce the Department of Civil Engineering, founded on our world-leading teaching, research and engagement with industry and government.

At Birmingham, we are focused on the interactions between the built environment and the world we live in, working towards solving the economic, environmental and social challenges that the world faces.

As a Civil Engineering student at the University, you'll develop the skills, knowledge, and attitudes necessary to lead society's response to these challenges. So, whether we're teaching the principles of seismic engineering to build resilience into our infrastructure,

understanding how new materials and condition monitoring technologies will change our urban communities or securing clean water and sanitation access for all, we're always focused on making lives better across the globe.

Civil Engineering at the University of Birmingham is a place where change happens, where you'll learn to make a difference and where futures are made.



Best wishes,
Dr Karl Dearn
Head of Department
of Civil Engineering



## INTERDISCIPLINARY WORKING

Civil engineering is one of three discrete
Departments within the School of Engineering;
the other two being the Department of Electronic,
Electrical and Systems Engineering and the
Department of Mechanical Engineering. Within
this structure, we are able to teach our students
the core knowledge and skills required to
be a civil engineer, whilst at the same time
recognising that engineering is undertaken in a
multidisciplinary manner. Working closely with
our fellow Departments enables us to provide
you with an unrivalled insight into interdisciplinary
activities throughout your time with us, enhancing
your employability and value to employers
from the moment you graduate.



# NEW SCHOOL OF ENGINEERING BUILDING

In summer 2020, we will see the opening of the School of Engineering's new home. 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.



## TEACHING AND RESEARCH

We have world-leading academics based within the Department, meaning that we are able to offer expert and excellent teaching in all key disciplines, such as concrete and structural engineering, ground engineering, geotechnics, highways and water engineering, as well as hosting centres of excellence in rail engineering and in sustainability and resilience in the built environment. We are also the only university department to host two part-time professors from industry via the prestigious Royal Academy of Engineering Visiting Professor scheme.



FACT

# 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.

# Why Study Civil Engineering at Birmingham?

See www.birmingham.ac.uk/civilengineering/about for the top ten reasons



# INDUSTRIAL LINKS

We are acutely aware that civil engineering is a vocation, and so our links with industry are amongst the strongest in the country, meaning that you will be exposed to industry practice from day one of your degree and we offer you the choice of several different options to embed industrial experience within your degree at various stages.

It is innovative approaches such as this, coupled with our strong and well-established links with industry, that have led us to have an exemplary track record of graduate employability – this currently stands at 93%.



# Introduction to Civil Engineering

Do you want to work tackling the social, environmental and economic issues facing our societies now and in the future? Are you interested in designing the next generation of living and working spaces? Do you enjoy finding innovative solutions using a mixture of creativity and technical knowledge? Did you know that civil engineers are key to achieving all of this and more?

There is not much that you do in your life that does not involve civil engineering in some way. Buildings, bridges, roads, railways, tunnels, ports, underground structures, water supply and treatment networks, modern hospitals and in fact, any large civic structure that enables us to live and operate safely and comfortably all fall under the remit of the civil engineer.

As a civil engineer, you might design a new stadium, work on a local road network or railway line, assess a damaged structure, provide immediate and safe drinking water to a refugee camp, or manage a multi-million-pound construction project. You could use your

'Civil engineers are creative people who solve problems. They come up with lots of ideas and then turn them into real things for people around the world to use.'

Institute of Civil Engineers (ICE)

skills and knowledge to build and maintain flood barriers and coastal defences, or look after our rivers, streams and canal networks.

At Birmingham, you will be taught by staff who are experts in the disciplines that underpin all these aspects of civil engineering, including structural, geotechnical, wind, water and transport engineering. Our internationally recognised and multidisciplinary research feeds into your degree, and our emphasis on innovative thinking challenges you to envisage the future of civil engineering.

Our courses are designed to give you as many opportunities as possible to tackle problems by applying taught materials in design exercises. These interdisciplinary design projects thread through our degree programmes, increasing in complexity as the course continues.

You will benefit from our excellent links with industry to gain real-world experience during your study, and to prepare you for entering the workplace as a graduate. Wherever your career takes you, you will be part of the next generation of professional engineers, solving problems affecting our lives today and using your expertise to plan for the future.

'I have been at my company since I did work experience in sixth form and worked my way up to student engineer. I've been lucky enough to work on some large local projects and it always makes me smile when I walk past them and can say "I designed that bit"! I've been able to transfer the skills learnt in the classroom to real-life projects and this summer, I start as a graduate structural engineer with the same company and honestly cannot wait!'

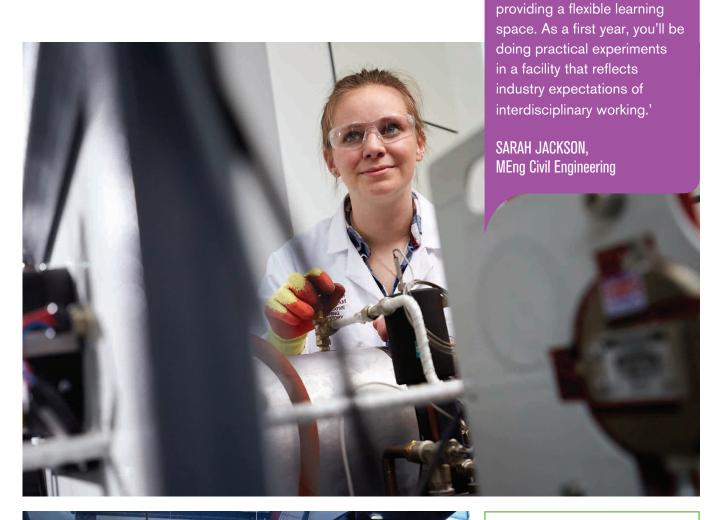
BECKY DREW, **MEng Civil Engineering** 



FOR OVERALL STUDENT SATISFACTION\*



'The Collaborative Teaching Laboratory supports the early years of the course by





## Accreditation

All our BEng and MEng programmes offered for 2019 entry are accredited by the Institution of Civil Engineers, the Institution of Structural Engineers, the Chartered Institution of Highways and Transportation, and the Institute of Highway Engineers and are compatible with the latest guidelines for professional engineering registration:

- BEng degrees are accredited as fully satisfying the educational base for an Incorporated Engineering (IEng).
- MEng degrees are accredited as fully satisfying the educational base for a Chartered Engineering (CEng). They are also recognised by the European Federation of National Engineering Associations (FEANI).



# Our programmes: degrees in Civil Engineering

You can choose from a range of programmes to find the option best suited to your interests and needs. All of our programmes are accredited by the Institute of Civil Engineers, the Institution of Structural Engineers, the Chartered Institution of Highways and Transportation and the Institute of Highway Engineers.

- BEng Civil Engineering (H200)
- MEng Civil Engineering (H201)
- BEng Civil and Railway Engineering (52H7)
- MEng Civil and Railway Engineering (581H)
- MEng Civil Engineering with Industrial Experience (H202)
- MEng Civil Engineering International Study (H203)
- BEng Engineering Foundation Year (Civil Engineering Pathway) (HFJ0)

You also have the option to add a Year in Industry to any of our programmes once you arrive at Birmingham.

#### 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. You will extend your technical knowledge and creativity to solve real-world problems through challenging design projects, working as part of a team and as an individual. Examples include structural work involving concrete and steel, geotechnical projects such as 'intelligent' tunnels, wind-loading problems and flooding of rivers. You will experience interdisciplinary working alongside other engineering branches, replicating industry expectations, whilst the mixture of labs, lectures and projects provides a balance of practical and theoretical learning.

#### Study tailored to you

You will gain a thorough grounding in fundamental engineering topics before specialising in an area that particularly interests you. Our courses cover areas around structural, water, geotechnical and energy engineering and management, with many of our pathways offering optional modules allowing you to tailor your study in later years. With a shared first year and a common second year, you will have the opportunity to add on International Study or an Industrial Year after you arrive at the University.

### Our staff

Our staff are professional engineers dedicated to their specialist areas of engineering. When they are not teaching they can be found working with industry as advisors or research partners, for example advising governments on issues such as flooding or road management in developing countries. Our research informs our teaching, so you will be exposed to the latest developments in the industry.

### **Engineering Foundation Year**

Want to study Civil Engineering at Birmingham but don't meet our entry requirements? You may be eligible for our engineering foundation year programme. Visit www.birmingham.ac.uk/engineering-fy for more information.





# Programme organisation

#### Studying at university

Our programmes are organised to allow you a great deal of flexibility and the ability to tailor your programme to your areas of interest. Early years will be focused on building your core knowledge whilst you will specialise in later years, and your self-led study will increase.

When you arrive at the University, you will experience a range of different teaching and learning methods that may be very different from your previous education experience. To help you with the transition to higher education, time, resources and support are allocated so that you can develop your learning abilities to the point where you can formulate your own private research and study needs.

your own private research and study fleeds.



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 Mechanical, Electronic, Electrical and Systems Engineering, as well as those in Civil 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 – key to success as an engineer of the future.

You will study a number of core engineering topics on themes such as structural, materials, water and electrical engineering.

YEAR 1 THEMES

You will learn essential engineering fundamentals to develop knowledge that you will use as a foundation for later years.

### **Integrated Design Project (IDP)**

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.

### Changing specialism

At 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 from the BEng to the MEng programmes during your study.



# Programme organisation

#### 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.

#### Research

Our teaching benefits from strong links with our research programmes through the range of modules available, and you will benefit from developments at the leading edge of your chosen field. Our current research supports core themes of transport, and resilience and sustainability, clustered into four groups: Environmental Engineering, Fluid Mechanics, Structural Engineering, Transportation.

# LEARN MORE

For more details of our programmes including modules, visit www.birmingham. ac.uk/ug-civil-engineering

Your second year will build on the broad base of Year 1, and begin your departmental specialisation with coverage of the core fundamentals that underpin Civil Engineering. The strong design theme running through our programmes will become apparent, where detailed design work shows you how to apply the taught

theory to design key components of Civil Engineering structures, continuing the theme of integrated design project working established in Year 1.

For those on the Railway pathway, you will take rail-specific modules from Year 2 onwards.

# YEAR 3 AND 4 THEMES

YEAR 2 THEMES

Years 3 and 4 allow you to develop further as your specialisation increases, and the course prepares you to work in any area of civil engineering. You have the option to choose some modules during the later years of the course and can also tailor your study towards your interests through individual projects.

In the later years of the course, we aim to challenge your innovative, creative, technical, management and presentation skills to bring together your learning over the degree programme. In addition, the core design theme is further developed

continuing the theme of integrated design project working established in Years 1 and 2, broadening this out to provide experience of working on complex civil engineering projects.

All final-year students will also 'go it alone' in a supported research project where you develop an understanding of an area of civil engineering that particularly interests you. You have an individual supervisor throughout the research project and may work with their research team for additional support.

Year 1	Year 2	Yea	ar 3	Year 4
Mechanics 1	Structural Engineering 1	Structural Engineering 2		Structural Engineering 3
Engineering Materials	Materials Engineering 1	Materials Engineering 2		Materials Engineering 3
Computing for Engineers	Geotechnical Engineering 1	Geotechnical Engineering 2		Geotechnical Engineering 3
Integrated Design Project 1A and 1B	Integrated Design Project 2	Integrated De	sign Project 3	Research Project
Fluid Mechanics and Energy Transfer	Water Engineering 1	BEng Compulsory:	ompulsory: Research project  Compulsory: Water Engineering 3  Eng Options:  MEng Options:	Options from the below themes:  Management Theme Roads/Transportation Theme Water Theme Structural Theme Geotechnics Theme
Engineering Mathematics 1	Engineering Mathematics 2	<ul><li>Research project</li></ul>		
Electrical Engineering 1	Construction Management and practice	BEng Options:  Water		
		Engineering  Atmospheric Engineering  Project Capability System Engineering Atmospheri	Project 1 Group Management Project Capability	

# Civil and Railway Engineering

Building on the global reputation of the Birmingham Centre for Railway Research and Education (BCRRE), you will obtain a thorough civil engineering education alongside a specific focus on the railway industry. Unique in the UK, this programme ensures that upon graduation you will have the skills and knowledge to benefit from the excellent career prospects in an industry experiencing significant growth.

Find out more about our
Railway programme structure at
www.birmingham.ac.uk/railways/
ug-courses

The railway industry around the world is growing with more journeys than ever before being made, meaning new and improved railway lines, systems and services introduced. In the UK alone, passenger numbers are expected to grow by around 50% in the next ten years. New and upgraded lines, new urban services and significant investments in maintenance all mean that civil engineers who understand railway infrastructure and railway systems are in high demand.

The Birmingham degrees in Civil and Railway Engineering are unique in the UK. They have been put together in close collaboration with the railway industry, making them immediately relevant and ensuring graduates have the knowledge, experience and capability needed. Your studies will focus on core civil engineering as well as specialised study on railway infrastructure, including railway management and a railway design project.

You can study to BEng or MEng level and add an industrial placement year to give yourself that all-important work experience. The railway theme will develop your understanding of the complex railway system, which means you will be in demand by engineering companies, vehicle and communication systems manufacturers, network operators and non-engineering organisations alike.

# The headquarters of HS2 construction and of the National College for High Speed Rail are based in the city of Birmingham and the are also advising on b

of the National College for High Speed Rail are based in the city of Birmingham and the Birmingham Centre for Railway Research and Education (BCRRE) is engaging strongly with these organisations to ensure it plays an integral role in the development of HS2. BCRRE is the largest university-based railway research group in Europe and will be involved in educating the engineers that will work on the HS2 rail link. Relying on our internationally leading expertise, not only do we have

a hand in the training and continuing development of the College's teachers, we are also advising on best practice and provide access to a wide range of high-quality educational and testing facilities. BCRRE's work is at the heart of plans to transform railways in the UK and internationally over the coming years, and our multidisciplinary team delivers world-class research and leadership within railways, as well as high-quality teaching to our students.

**HS2 AND THE UNIVERSITY OF BIRMINGHAM** 

'I have already been able to take some of the advantages of the Civil and Railway course. The University's reputation and good links with industry helped me secure an industrial year placement in the railway infrastructure sector, contributing towards my degree. The experience has been invaluable to me, allowing me to understand how to relate the theory from our lectures into the real world. The course is very rewarding and worthwhile, leading me to feel confident I have something to offer the railway industry of the future.'

JAMES SHANLEY
MEng Civil and Railway
Engineering with Industrial Year



# RESPECT

RESPECT is the Department's Engineering Industrial Placements Programme, which gives you the opportunity to undertake placements and possibly receive sponsorship to support your studies. Work placements are an incredibly valuable learning experience, allow you to see engineering in the workplace and prepare for employment after graduating.

The RESPECT Scheme is open to students from their first year, where you will get the chance to attend careers fairs and events, and to interact with employers who are looking for students to undertake summer or year-long placements. The scheme will provide you with:

- Work during your summer holidays giving you valuable industrial work experience
- Excellent networks to help secure employment after graduating
- An enhanced CV

We work with a range of organisations and some of the best names in civil engineering. Some companies look for one-off placements and others prefer to offer structured training and development via sponsorships, and the flexible nature of the scheme means that a large number of companies take part and you have the chance to explore a wide range of options to fit with your interests.

'At Osborne, we have found that the RESPECT scheme not only provides a very good stepping stone into industry for undergraduates, it also provides employers an opportunity to form long-term relationships with budding early-career engineers.'

MALCOLM ATTRILL, **Engineering Manager, Osborne** 

FACT

University or external scholarship you're still eligible to apply to RESPECT.

'The RESPECT scheme has provided me with a set of diverse industrial placements over three consecutive summers. I have enjoyed solving problems within real life projects and the scheme has enabled me to find and develop my interests within the Civil Engineering industry. I have gained essential skills to transition into the workplace, which has added value when applying for graduate roles. The RESPECT scheme represents an outstanding opportunity for students at Birmingham, I would advise every student to grasp it.'

CALLUM WHITE. MEng Civil Engineering with **Industrial Experience** 



# Where will your degree take you?

As a student at Birmingham, you will benefit from our excellent relations across all areas of the civil engineering industry. These will help enrich and enhance your learning, and prepare you for the best possible start when you graduate. Opportunities include:

- Mentoring with a recent graduate or industry leader (second year)
- Site visits to get involved in real projects around Birmingham
- Engineering-specific careers events
- Work experience through your degree programme and/or our RESPECT scheme
- Benefitting from our extensive industry connections with help finding placements
- Extra-curricular lectures delivered by industry professionals
- Access to our award-winning Careers
   Network team

We offer two types of accredited industrial experience, both of which count towards your degree. You will gain valuable experience working on real-world problems whilst developing your personal and professional skills in the workplace. Many students who engage with industrial experience during their study find their academic learning becomes more meaningful, and they tend to perform better as a result.

### **Industrial Year**

Adding an extra year to your degree, you can spend a year working with an organisation, before returning to the University to resume your study. You can add an industrial year to any of our BEng and most of our MEng programmes.

### Industrial Experience

Your degree remains the same length and you instead have your work experience formally recognised over two summer placements.

# LEARN MORE



Find out more from profiles and videos from our graduates, talking about why they chose to study at the University of Birmingham and how the degree programme prepared then for life post-graduation.

Visit www.birmingham.ac.uk/ eps-alumni-profiles

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# **GRADUATES**

WHERE

AMEY

ARUP

BALFOUR BEATTY

INTERSERVE CONSTRUCTION

KBF

LAING O'ROURKE

MOTT MACDONALD

KELLER GROUND ENGINEERING

INBEV

THE BRITISH ARMY

OUR

# PROCTER & GAMBLE

AECOM

WORK

BURO HAPPOI D

BARCLAYS

IBM

URS

CH2M

OSBORNE

BP

CUNDALL

'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





'Following my graduation from the University, I have gone on to work for Amey as an Assistant Structural Engineer. My degree gave me the necessary qualifications and grounding in engineering principles, and I have learned a lot through my work experience. I would recommend the Industrial Experience module to all students as it was fundamental to the start of my career, and the networking opportunities it created were invaluable. I was awarded the Institute of Civil Engineers Emerging Engineer of the Year award in 2015 for my overall contribution to the industry, which makes me very proud.'

JESSICA MARSH MEng Civil Engineering with Industrial Experience

930/0 GRADUATE EMPLOYABILITY\*



The Graduate Market in 2019, High Fliers Report

## Fieldwork experience

There are opportunities to gain practical experience in the field. Not only does this test your knowledge and competency in terms of the subject, but also your ability to manage time during hands-on experience, think creatively and solve problems.

**FACT** 



You can find details of our taught and research programmes at www. birmingham.ac.uk/pg-civil-engineering





# What is CivSoc?



There are many student societies at the University and our civil engineers have set up their own: CivSoc is the society for Civil Engineering students run by Civil Engineering students. As a society, we want to help bring together the different years from Civil Engineering by providing the members with a good time throughout the year; organising nights out, industry talks and a massive end of year summer trip. Here's what some of them have to say:

'CivSoc is a great way to socialise with your fellow Civil Engineering students and get involved in a wide range of activities and social occasions throughout the year. From weekly sports fixtures in which everyone is welcome to play in, to social events every other week as well as strong links to industry, CivSoc is everything you need in a departmental society. The friendly and approachable committee is always happy to help and listen to any suggestions you may have, as well as being able to offer any advice and insight into further years.'

ROCCO CASALE, CIVSOC PRESIDENT 2018-19

I chose to come to Birmingham because it has one of the most stunning campuses around. The size of the University and the city mean that there is never a shortage of things to do. Civil Engineering at Birmingham is accredited by the ICE and covers all the necessary academic criteria required to get you off to a flying start in industry, with the added bonus of good industry links supported by CivSoc's extra-curricular activities.'

JOE SOLWAY

'Birmingham has amazing lecturers and exciting modules. There is lots of fun with CivSoc and other societies and unforgettable moments with a bunch of new friends. Even after my first year at the University of Birmingham, it is continuing to be filled with priceless experiences that I wouldn't change for anything. Trust me, I'm an engineer.'

AGOTA MOCKUTÉ

'CivSoc provides socials throughout the year enabling students to get to know not only people from their own year but across all years, which is always of great benefit when looking for advice or help with work.' ALEX HOYLE

'As Birmingham is the second largest city in the UK, it is easy for international students to adapt to a new environment as there are so many people from different countries. CivSoc provides a way of meeting other international students. Also, the University has good facilities, particularly for Civil Engineering students, such as the civil lab.'

CHRISTYN KWAN

'My four years at Birmingham and being part of CivSoc have been packed with good times and unforgettable experiences. It is going to be so hard to leave. I can't put in words the fun I've had at university surrounded by students all just trying to have the best time possible, whilst learning how to design structures. There is real ambition in the Department, which is so organised and dedicated to seeing me succeed, that I believe it must be one of the best around.'

'I decided to come to the University of Birmingham because I preferred campus-style universities as they create a great community feel. The lecturers and staff are very friendly and CivSoc helps you socialise with other students. The University is also right next to Birmingham; a vibrant city with museums, restaurants, shows, concerts and Broad Street for great nights out!'

JO MAGUIRE

# SOCIETIES

CivSoc is just one of the active and successful student societies offered across the College of Engineering and Physical Sciences (EPS), and there are many more you can get involved in. For the latest information on our societies, visit our EPS society pages at www.birmingham.ac.uk/eps-societies





www.birmingham.ac.uk/eps/civsoc

# 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.

### Deferred 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.



Programme*	UCAS code	Duration (Years)	Typical offer	Subject requirements	
Civil Engineering MEng	H201	4	A level: AAA /IB: 6, 6, 6	A level Maths at grade A/HL Maths at grade 6	
Civil Engineering BEng	H200	3	A level: AAB /IB: 6, 6, 5	A level Maths at grade B/HL Maths at grade 5	
Civil Engineering with Industrial Experience MEng	H202	4	A level: AAA /IB: 6, 6, 6	A level Maths at grade A/HL Maths at grade 6	
Civil Engineering with International Study MEng	H203	4	A level: AAA/IB: 6, 6, 6	A level Maths at grade A/HL Maths at grade 6	
Civil and Railway Engineering MEng	581H	4	A level: AAA /IB: 6, 6, 6	A level Maths at grade A/HL Maths at grade 6	
Civil and Railway Engineering BEng	52H7	3	A level: AAB /IB: 6, 6, 5	A level Maths at grade B/HL Maths at grade 5	
Engineering Foundation Year	HFJ0	For further details, visit www.birmingham.ac.uk/engineering-fy			

<sup>\*</sup>Students wanting to study Civil Engineering with a Year in Industry can transfer to the programme once a student in the Department, if all relevant academic criteria are met.

## 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

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

**FACT** 

## 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.



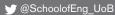


Please contact us for further details or with any questions you may have.

Admissions Tutor: Dr Asaad Faramarzi

# Civil Engineering University of Birmingham Edgbaston Birmingham

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