The University Of Sheffield.

Undergraduate Prospectus 2021.

The University Of Sheffield.

Proud of our history, focused on the future

The University of Sheffield is a member of the prestigious Russell Group of 24 leading UK research universities. We've been advancing knowledge and driving social change for over one hundred years.

A World Top 100 University

QS World University Rankings 2020

99%

of research submitted to REF is internationally recognised, excellent or world leading

Research Excellence Framework 2014

No 1

Students' Union for three years in a row

Whatuni Student Choice Awards 2017–19

2nd

in the Russell Group for overall satisfaction

National Student Survey 2019

6

Nobel Prize winners

No 1

in the north for graduate employment

The Times and Sunday Times Good University Guide 2020

Top 50

most international universities in the world

Times Higher Education World University Rankings 2019

500+

undergraduate scholarships in 2019

8,443

international students from 154 different countries

29,666

students in total

Contents

Subjects

This is who we are

Students harvesting plants grown in our controlled environment facility.

Sheffield is a leading research university with a global reputation for excellence. We're socially responsible, environmentally aware, and committed to sustainability in everything we do. The knowledge we generate helps to make the world a better place.

Choosing Sheffield means choosing to live and study in a truly international environment.

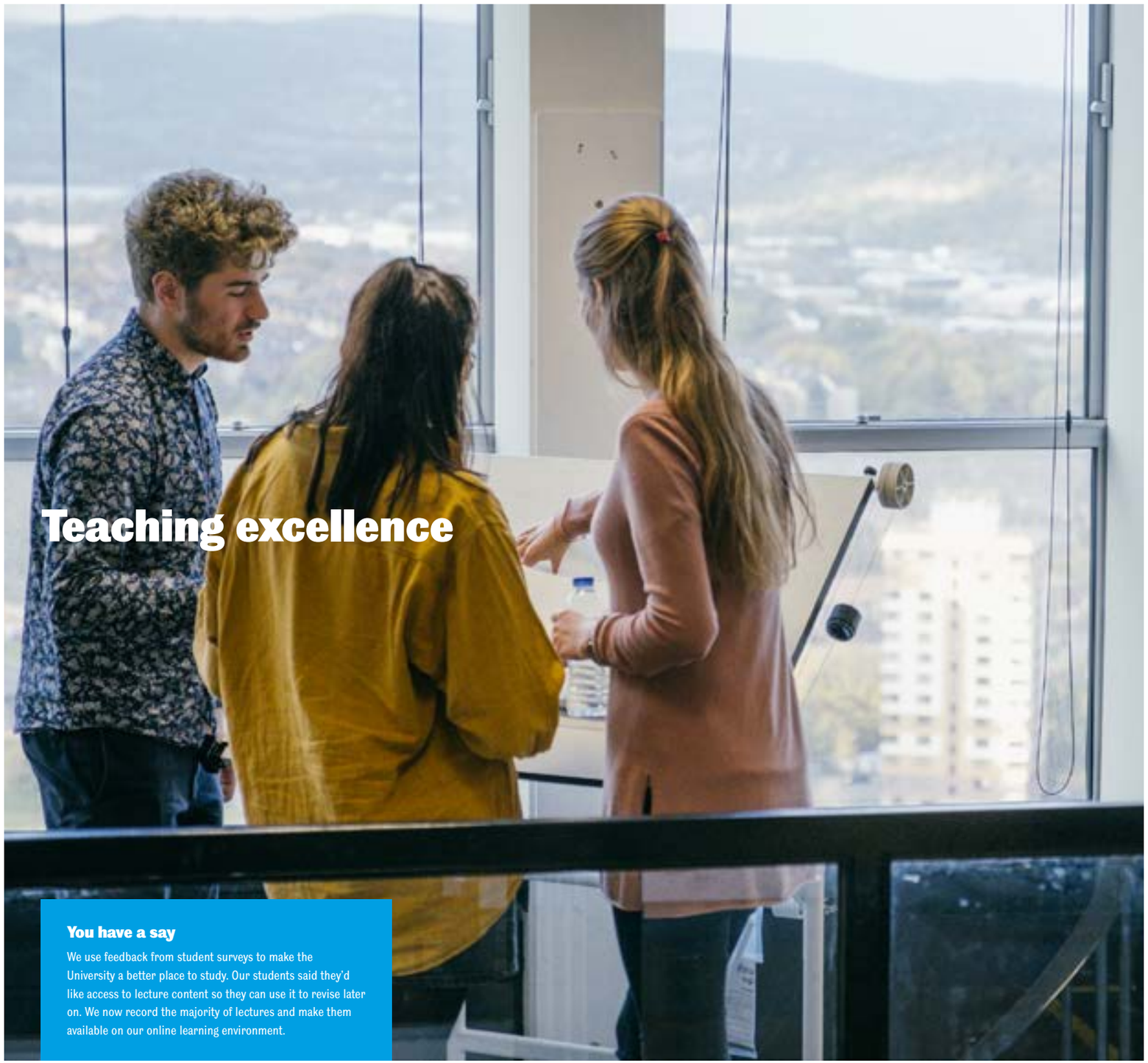
Our international community and global connections are part of what makes us a world-leading university. We celebrate diversity and we're proud of our welcoming, progressive, friendly city.

We believe that our teaching should reflect the world we live in. University should prepare you for life. This ethos drives everything we do.

Our way of doing things attracts the best minds in the world. Our staff advise governments and multinational companies. They write books and create new technologies. Their work influences policy and changes lives. We want you to change things too. We want you to understand how knowledge is generated and how it helps people. That's why we give you opportunities to engage with and contribute to the latest research.

Change is what we do.

This is a university with a strong sense of purpose. Take advantage of everything it has to offer and you won't just graduate with honours – you'll graduate with insight, skills and experience that set you apart.



Teaching excellence

You have a say

We use feedback from student surveys to make the University a better place to study. Our students said they'd like access to lecture content so they can use it to revise later on. We now record the majority of lectures and make them available on our online learning environment.

The most talented students choose Sheffield because they want to be challenged. They don't expect to be given all the answers. The Sheffield experience is about learning how to find the answers yourself.

Sometimes there is no right answer. Sharing ideas and debating different points of view is part of the learning process. Exciting, energising discussions are part of everyday student life. We want to hear what you think. We expect you to challenge us too.

We listen

When it comes to what you learn, and how you learn it, we aim for the right balance. We want you to get the knowledge and skills you'll need on your path through life. That's why we listen to our partners in the professions, in industry, the public sector and the arts when putting our courses together. It's also why we listen to you.

We work with you

This is a community where the atmosphere is supportive and collegial. So we don't see teaching as a one-way process. We see it as students and academics working together at the highest level. We're here to help you find your own path just as we are finding ours.

We give you the resources you need

Study spaces and computers are available around the clock to offer you choice and flexibility for your study. Our five library sites give you access to over 1.3 million books and periodicals. You can access your library account and our rich digital collections from anywhere on or off campus. Other library services include study skills training to improve your grades, and tailored advice from experts in your subject.

Some things can't be learned from books

Our academics use innovative methods to give you the best learning experience, inside and outside the classroom.

At Sheffield you'll have the chance to work with students from different subject areas, as well as external organisations and local communities where you could really make a difference. You might be involved in something directly linked to your subject, like an engineering challenge or an architecture project.

Whatever you do, you'll do it under the supervision of passionate teachers and world class researchers. They teach this way because it makes you a more active citizen and because it's the best preparation for a truly rewarding career.

The most employable graduates understand their subject from every perspective. The most effective professionals know how to work with people from other fields.

Our students make things happen

We challenged a group of engineering students to come up with solutions to problems that people with disabilities face everyday. The project, Hackcessible, has seen them work alongside disabled co-designers to try and break down barriers to current technology.

If you have an idea for a project of your own, or you want to start a business, we can support you in that too.

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Our research

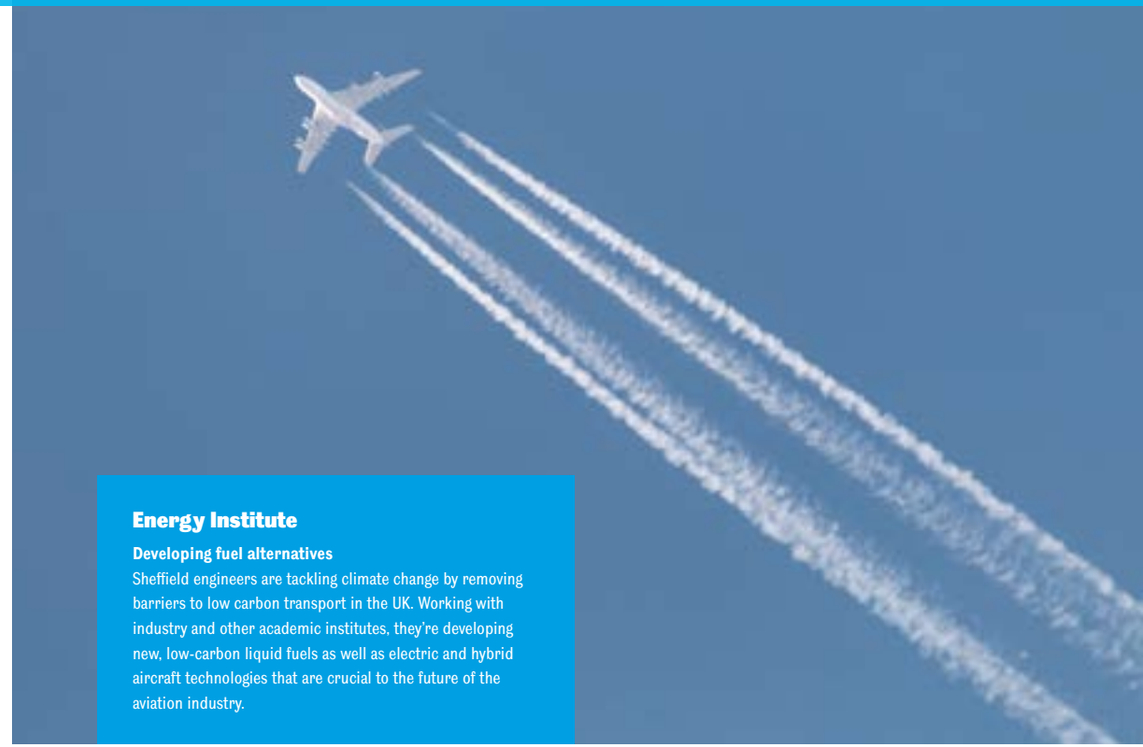
Research at the University of Sheffield changes lives, influences policy and feeds directly into what you're taught.

Our four flagship research institutes bring together our key strengths to tackle some of the worlds most important social, economic and health challenges.

Institute for Sustainable Food

Feeding the world with foam

Experts at Sheffield are tackling the crisis of soil fertility by developing a system of growing crops in foam. Using foam instead of soil could take a lot of pressure off existing agricultural systems, enabling us to feed our growing population using fewer resources. This low-cost system has already been used to install hydroponics systems made from used mattresses at a refugee camp in Jordan.



Energy Institute

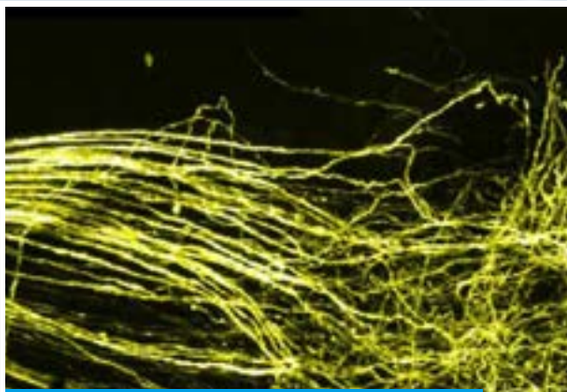
Developing fuel alternatives

Sheffield engineers are tackling climate change by removing barriers to low carbon transport in the UK. Working with industry and other academic institutes, they're developing new, low-carbon liquid fuels as well as electric and hybrid aircraft technologies that are crucial to the future of the aviation industry.

Healthy Lifespan Institute

Delaying the onset of age related diseases

Geroprotectors are a class of drug with the potential to boost resilience to age related diseases. Researchers from the University of Sheffield are investigating these drugs and developing treatments for patients that target multiple diseases at the same time.



Neuroscience Institute

Repairing nerves with 3D printing

The nerve that connects the brain to parts of the face and mouth can sometimes become damaged during dental surgery. Previous methods of repairing this nerve have left many patients with permanent life-altering injuries. Researchers from the University's School of Clinical Dentistry have developed pioneering new ways to repair this nerve using 3D printing. The school is now a world-leader in this field and the only known institute in the country capable of such successful nerve repair.

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Scholarships

We're committed to supporting our students. Last year we provided over 500 scholarships.

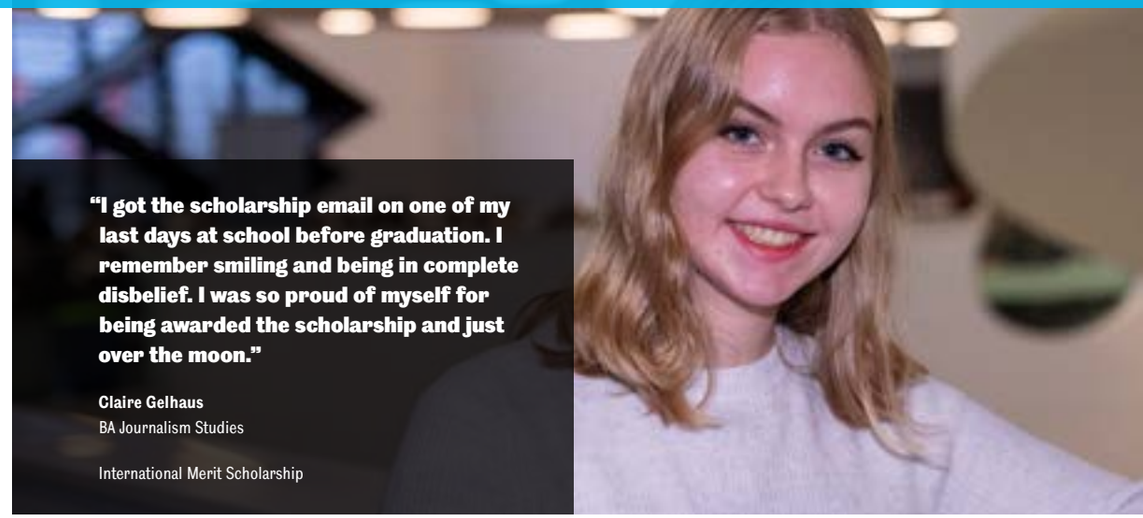
A range of scholarships are available to help fund your study and enhance your learning experience.

For more information visit: www.sheffield.ac.uk/undergraduate/fees-funding/scholarships

"This scholarship has created a massive amount of financial ease. I have more time for sports and a social life and it allows me to have more time to go and study because I don't have to work as much. You can focus energy in the right place. This scholarship helps with that."

Solomon Smith
BA Economics and Philosophy

Elite Sports Performance Scheme



"I got the scholarship email on one of my last days at school before graduation. I remember smiling and being in complete disbelief. I was so proud of myself for being awarded the scholarship and just over the moon."

Claire Gelhaus
BA Journalism Studies

International Merit Scholarship

"My scholarship let me go to Canada to study at the University of Edmonton for three weeks in the summer. I definitely wouldn't have been able to go there without it. I met so many people from around the world, having those friends from different places and nationalities really improved my confidence."

Sophie Ashdown
MEng Civil and Structural Engineering

Global Summer Experience Scholarship

"The scholarship I received has been integral to my university experience. The financial freedom that comes from the scholarship has given me the mental clarity needed to enjoy university. I've been able to travel with the Vegetarian Society with money from the scholarship, visit Dublin, and also travel to Tallinn, Budapest and Prague by myself – places I'd never dream of visiting otherwise."

Ryan Smith
BA English Literature

Experience Sheffield Scholarship

Sustainable Sheffield

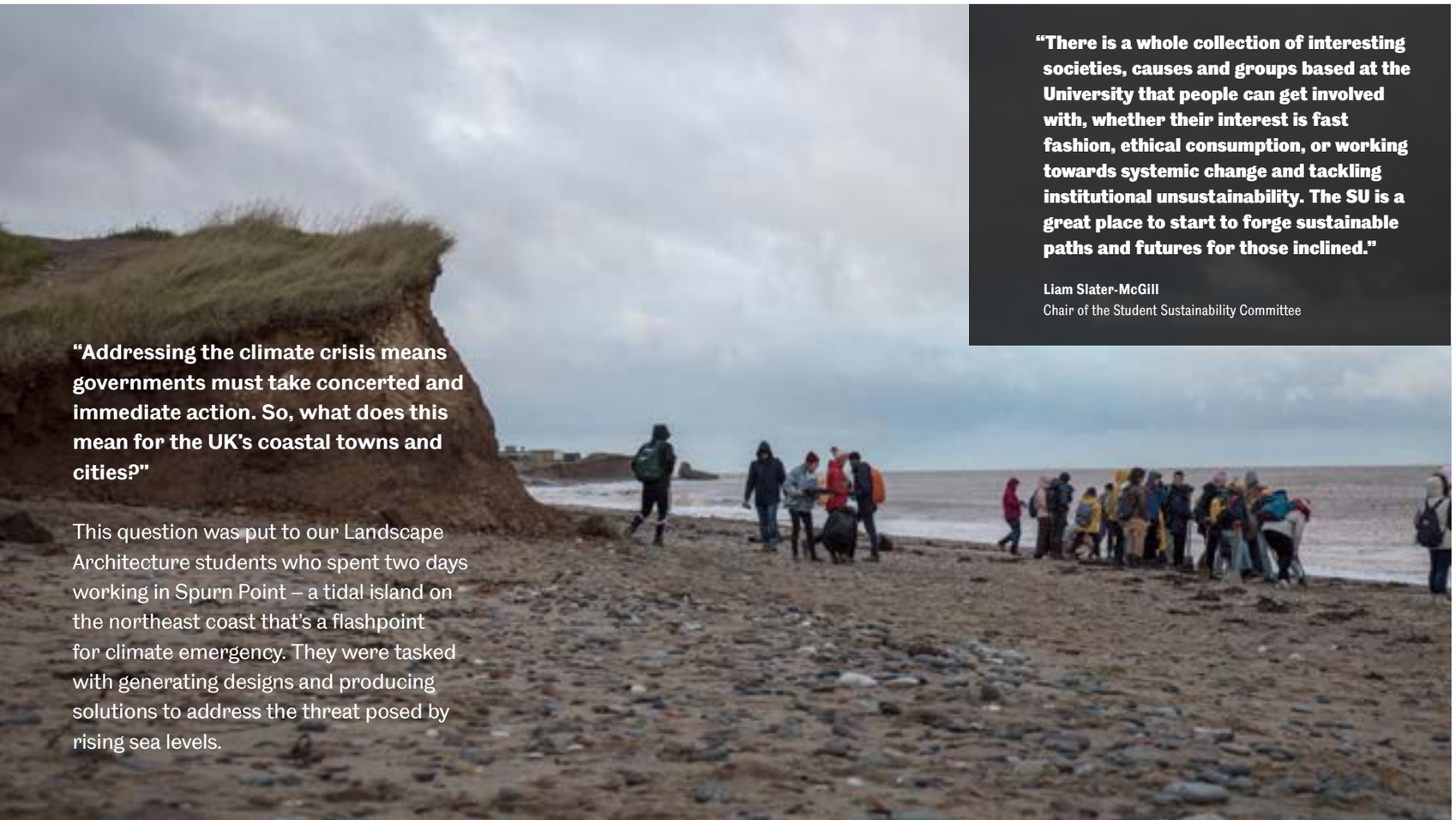
We're driven by the knowledge, dedication and activism of our students who play a key role in making Sheffield a greener place to live and study.

Sustainability in our teaching

We want you to leave Sheffield with the knowledge, skills, values and attributes needed to work and live in a way that will bring about solutions to the urgent environmental challenges we face.

We're working with students and academics to make Education for Sustainable Development (ESD) part of every course within the next few years. So whatever your subject, whatever your chosen career, you'll be equipped to work in ways that address the environmental challenges we face.

University of Sheffield Climate Strike 2019



"Addressing the climate crisis means governments must take concerted and immediate action. So, what does this mean for the UK's coastal towns and cities?"

This question was put to our Landscape Architecture students who spent two days working in Spurn Point – a tidal island on the northeast coast that's a flashpoint for climate emergency. They were tasked with generating designs and producing solutions to address the threat posed by rising sea levels.

"There is a whole collection of interesting societies, causes and groups based at the University that people can get involved with, whether their interest is fast fashion, ethical consumption, or working towards systemic change and tackling institutional unsustainability. The SU is a great place to start to forge sustainable paths and futures for those inclined."

Liam Slater-McGill
Chair of the Student Sustainability Committee

94.5%
of University waste is recycled, composted or sent for energy recovery

£0
invested in fossil fuel companies

34%
of University fleet vehicles are electric

31% reduction
in carbon emissions since 2005

Over 10,000 trees on campus
2:1 tree replacement policy

2 new research flagships specialising in sustainability:
Institute for Sustainable Food
Institute for Energy

Careers

We'll support you throughout your course and for up to three years after you graduate.

- **Develop skills and build your career confidence**
- **Degrees with a year-long placement option**
- **Opportunities to network and meet employers**
- **Dedicated help to find part-time work**
- **Specialist guidance and digital resources**
- **Careers workshops and insight events**
- **Mentoring and advice from Sheffield graduates**

96% of Sheffield graduates are in work or further study within 6 months of graduating

The Which University Guide 2018/19

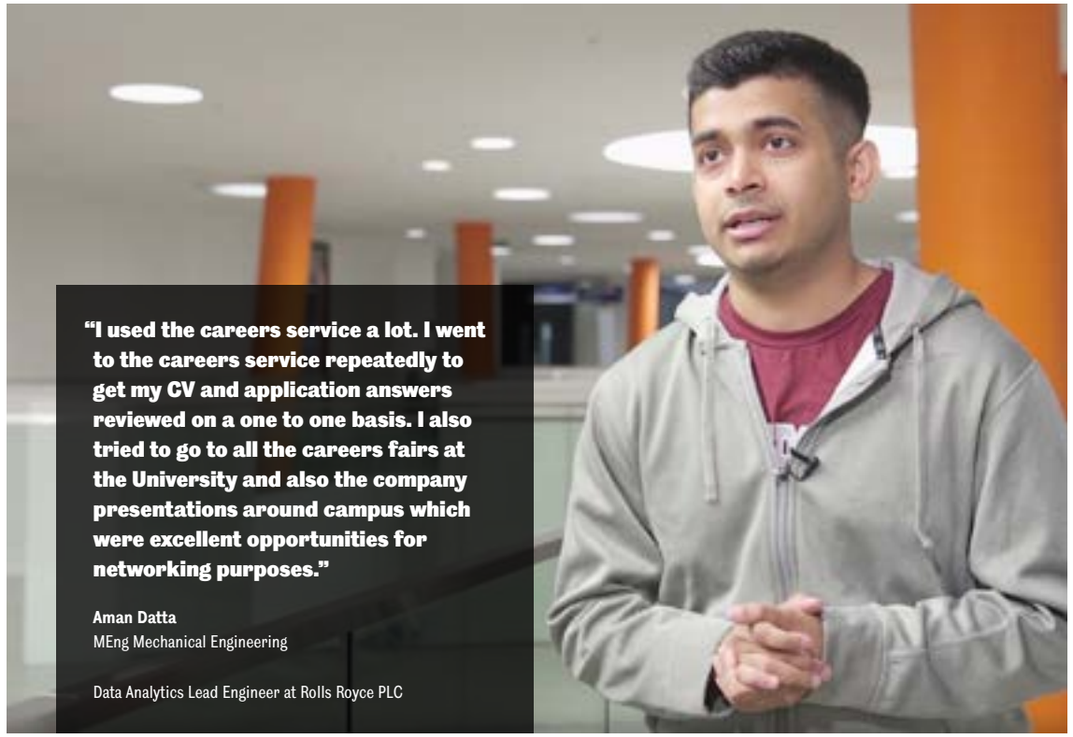
Top in the north for graduate employment

The Times and Sunday Times Good University Guide 2020

"My lecturers were always helpful and genuinely invested in my future. There was a strong emphasis on not just learning the theory, but putting it into practice. They understood the importance of this because they were all, at some point, journalists!"

Eden Wilson
BA Journalism Studies

Production journalist and on-screen reporter at UTV



"I used the careers service a lot. I went to the careers service repeatedly to get my CV and application answers reviewed on a one to one basis. I also tried to go to all the careers fairs at the University and also the company presentations around campus which were excellent opportunities for networking purposes."

Aman Datta
MEng Mechanical Engineering

Data Analytics Lead Engineer at Rolls Royce PLC

It's all about you

Our aim is for every single one of our students to reach their full potential, whatever their background or circumstances. We provide an extensive programme of careers guidance, skills workshops and employer events to help you feel well informed and confident in your future career decisions.

We want you to develop

Through the curriculum, with professional advice and a wealth of online resources, you'll learn how to manage your own personal development and achieve your goals. The University provides many opportunities to further develop your skills and self-awareness.

Explore new opportunities

We want you to be able to work anywhere in the world, to make your mark among the most talented. We'll help you explore all your options, including employment, entrepreneurship and further study. You'll have the chance to connect with a huge range of potential employers, finding inspiration and building a network of contacts.

And learn from experience

We know how valuable placements can be so we offer degrees with a year's work experience built in. You'll also have access to a huge range of volunteering and mentoring opportunities, and our student Jobshop can help you find shorter work experiences and part-time jobs.

Our story

The University of Sheffield has a proud history of discovery, innovation and social change.

1905
Penny donations from the people of Sheffield give the University its Royal Charter.

1908
Chinese student Z.T.K Woo becomes the first ever international student to graduate from the University.

1930
Latin, French and economics alumna Amy Johnson becomes the first woman to fly solo from Britain to Australia.

1940
The Bailey bridge, designed by engineering alumnus Sir Donald Bailey is used during the second world war. Field Marshall Montgomery is recorded as saying that "without the Bailey bridge, we should not have won the war."

1953
Sir Hans Krebs shares the Nobel Prize in Physiology or Medicine for the discovery of the citric acid cycle, since named the Krebs Cycle.

1964
Malcolm X draws huge crowds at his talk in the Students' Union.

1974
Sheffield becomes the first University to provide a nursery for students with children.

1936
Amin Yousef becomes the first ever international president of the Students' Union.

1945
Howard Florey shares the Nobel Prize in Physiology or Medicine for the discovery of penicillin. More than 82 million lives worldwide have been saved thanks to the discovery of the drug.

1967
Lord Porter shares the Nobel Prize in Chemistry for the discovery of flash photolysis, a technique to study reactions that happen extremely quickly.

1993
Sir Richard Roberts shares the Nobel Prize in Physiology or Medicine for the discovery of "split genes", disproving the theory that genes in plants and animals were made up of continuous segments of DNA.

2000
Engineering alumnus John Roberts is the London Eye's prinicipal engineer.

2003
Law alumnus Dr Nicholas Liverpool becomes the President of Dominica.

2009
Law alumna Hilary Mantel wins the Man Booker prize for her novel Wolf Hall.

2019
The University completely divests from fossil fuel companies.

1985
Nelson Mandela is elected Honorary President of the Students' Union.

1991
Chemistry alumna Helen Sharman becomes the first Briton in space.

1991
Sheffield Students' Union is the first to be declared 'gay friendly'.

1996
Sir Harry Kroto shares the Nobel Prize in Chemistry for discovering a new form of carbon, known as "buckminsterfullerene".

2001
Politics alumnus David Blunket becomes the Home Secretary.

2012
Professor Nigel Dunnett and Professor James Hitchmough from the Department of Landscape Architecture design the UK's largest man-made wildflower meadow in the London Olympic Park.

2012
Psychology alumna Dame Jessica Ennis-Hill wins gold at the London 2012 Olympics.

2013
The University launches the We Are International campaign to celebrate and highlight the importance of our international student and staff communities.

2016
Professor Sir Fraser Stoddart shares the Nobel Prize in Chemistry for the design and synthesis of the world's smallest molecular machines. Their work will have a fundamental role to play in the future development of nanotechnology.

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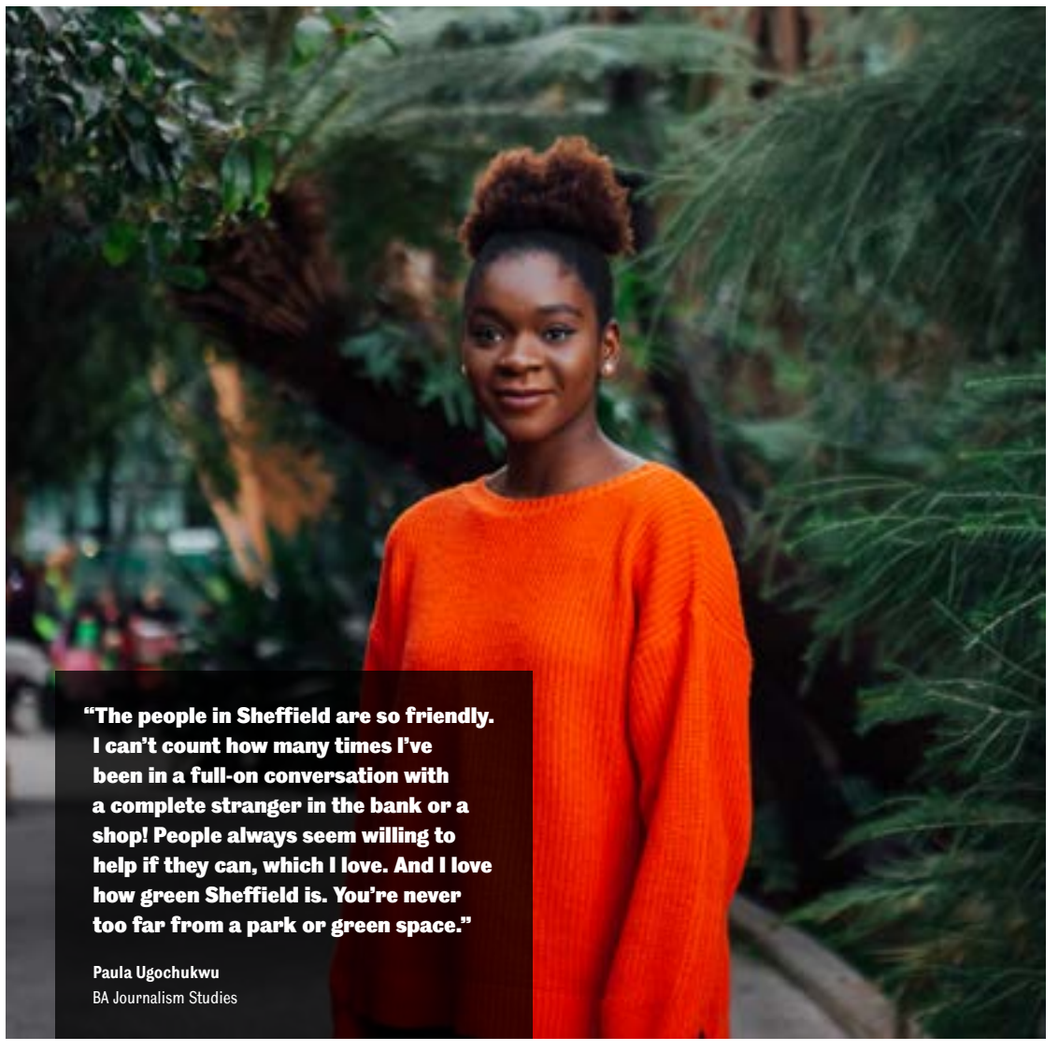
Sheffield

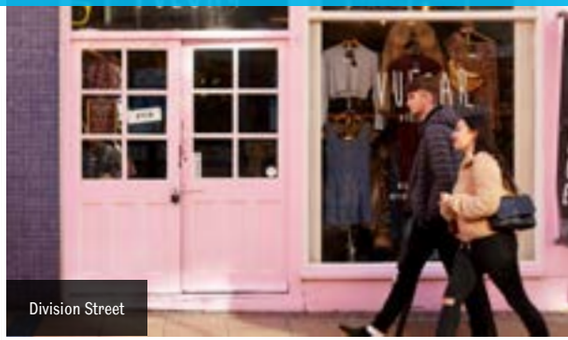
A diverse city with a strong sense of community. A cultural centre on the edge of the Peak District national park, an area of outstanding natural beauty. Its landscape, people and culture will influence you more than you can ever imagine.



"The people in Sheffield are so friendly. I can't count how many times I've been in a full-on conversation with a complete stranger in the bank or a shop! People always seem willing to help if they can, which I love. And I love how green Sheffield is. You're never too far from a park or green space."

Paula Ugochukwu
BA Journalism Studies

Tramlines Festival



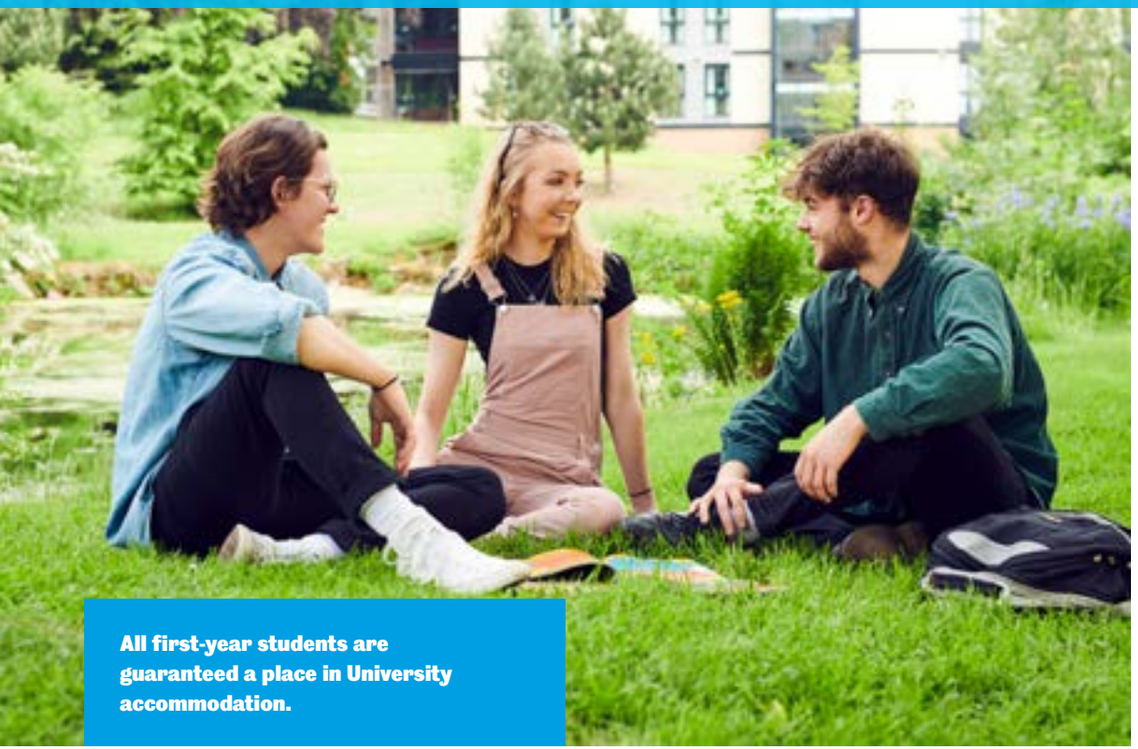
Division Street

Cutlery Works food hall

Peace Gardens

Peak District

Tamper Coffee

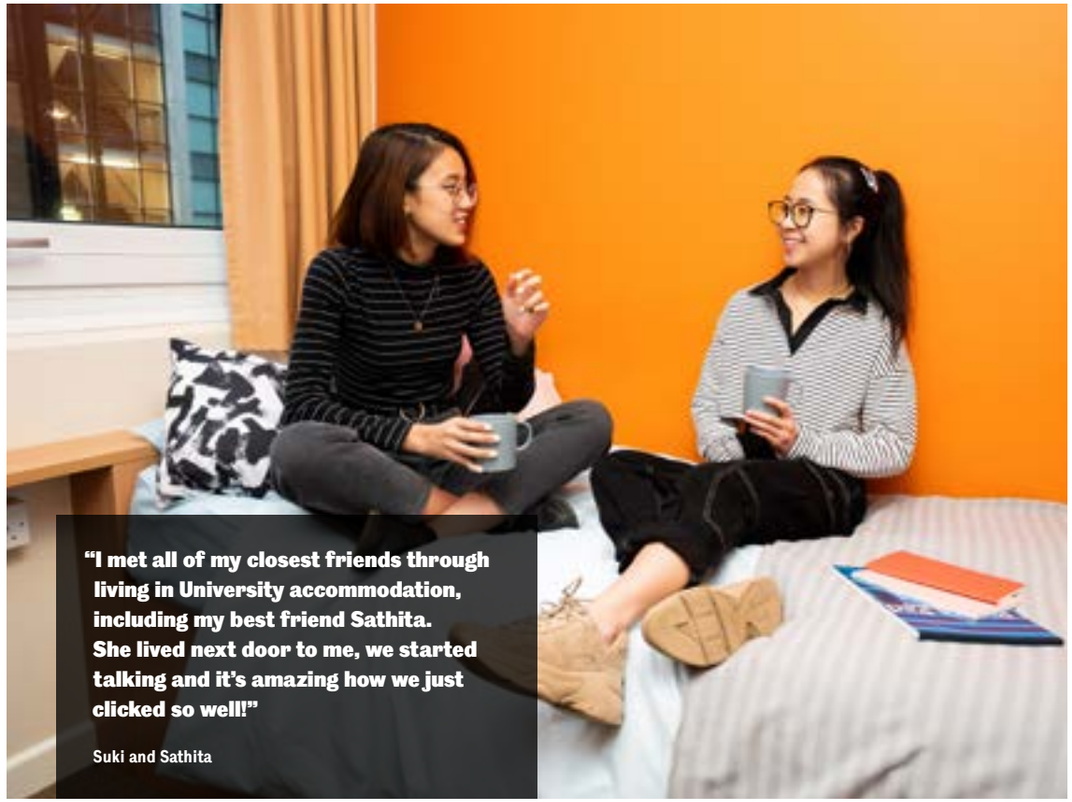


All first-year students are guaranteed a place in University accommodation.

International students are guaranteed accommodation for the duration of their studies.

"I love that there are so many people so close to you... it makes it almost impossible for you not to find a close group of friends."

Tom Fraser



"I met all of my closest friends through living in University accommodation, including my best friend Sathita. She lived next door to me, we started talking and it's amazing how we just clicked so well!"

Suki and Sathita

Accommodation

Where you live is a huge part of your university experience. That's why we make sure you have plenty of choice when it comes to accommodation.

You can live in an apartment, studio, or house – whatever suits your needs. Your rent will include all bills, internet and contents insurance.

The accommodation at our Ranmoor/ Endcliffe residences is the largest undergraduate community in Sheffield. We also have accommodation in the city centre. Wherever you choose to live you'll get the same high standard of facilities and support from our dedicated teams.

You'll also have access to our internationally renowned, award-winning Residence Life programme which organises over 3000 events and activities a year. Our Residence Life Mentors will also be there to provide support and advice where needed.

www.sheffield.ac.uk/accommodation
www.residencelife.co.uk

We're here for you

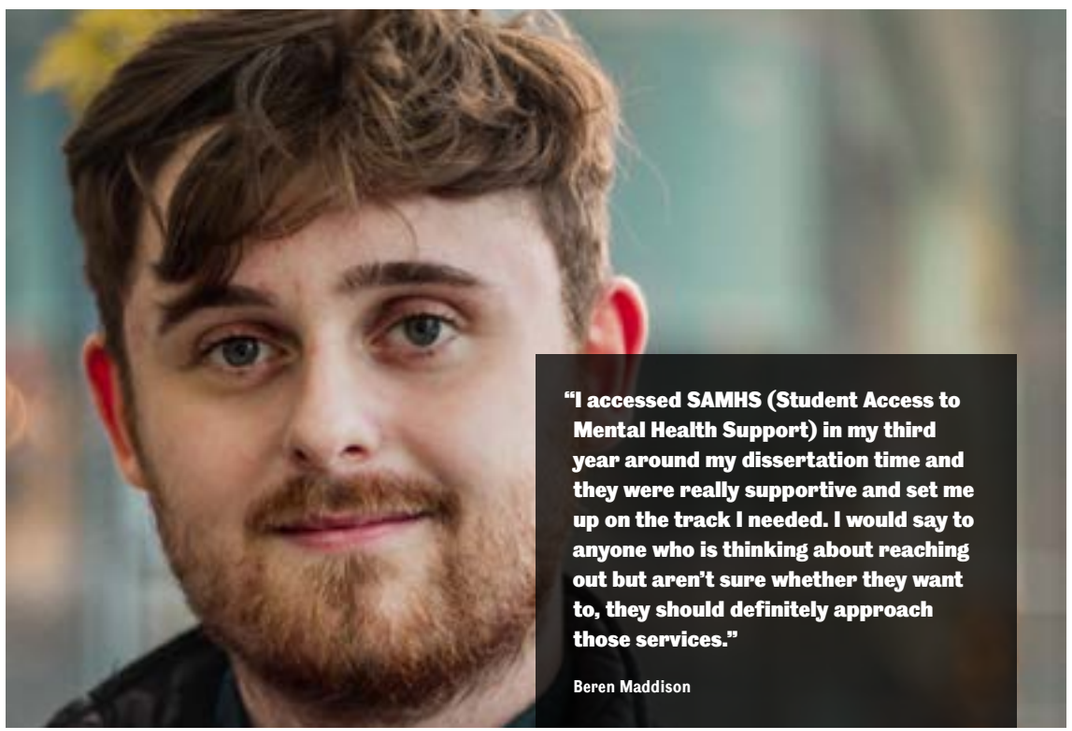
Nothing is more important to us than your wellbeing. We provide a network of support services to make sure you're happy, healthy and secure, so you can get on with doing what you do best.

Practical help

Our Student Services Information Desk is run by dedicated professionals, trained to deal with your questions and concerns. The Student Advice Centre specialises in confidential advice on money and housing as well as academic matters. Our financial support team provide help with applying for scholarships and hardship funds.

Health and wellbeing

You can register with our on-campus health centre which has its own GPs and nurses and provides a range of NHS services.



"I accessed SAMHS (Student Access to Mental Health Support) in my third year around my dissertation time and they were really supportive and set me up on the track I needed. I would say to anyone who is thinking about reaching out but aren't sure whether they want to, they should definitely approach those services."

Beren Maddison

"I was scared that moving to university would mean my disability – an anxiety disorder – would go unnoticed and unsupported. However, the services at the University make me feel as though I am more than a number. They treat me as an individual."

Georgia Speechley
BSc in Psychology

Professional advice and counselling

If things aren't going right, we offer help and assistance. The University Counselling Service offers targeted self-help resources, specialist workshops, and group and individual sessions.

Disability and dyslexia support

If you have a long-term condition or impairment that can affect your ability to study, we can provide specialist support through our Disability and Dyslexia Support Service. Our 301 academic skills development centre also provides one-to-one support for students with learning difficulties such as dyslexia.

International student support

We support international students with visa and immigration information and also organise a range of social activities to help students get to know the city of Sheffield and each other.

Faith

Our chaplains and religious advisers offer care and support to people of all faiths and none. We work with communities and we offer opportunities for worship, prayer and spiritual exploration.

Childcare

The Students' Union has its own Ofsted registered nursery. Fees are subsidised according to your family's income.

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Global opportunities

Studying at Sheffield is a first step towards a career that could take you anywhere in the world. Exploring other cultures is all part of the experience.

Learn a language – and more

Our Languages For All programme means you can learn a language as part of your course. We also run Global Campus events to help you make friends with students from all over the world.

Study or work in another country

Lots of our courses come with a built-in year abroad. Many others give you the option to apply for a year or semester abroad once you've started your studies. We have partner universities worldwide.

Through our exchange programmes you can apply to spend time in Australia, Canada, India, New Zealand, Singapore, the USA and Europe.

Short-term international experiences

Summer schools give you the chance to study abroad during the summer break. Some degrees offer field trips. We also offer support for students who volunteer internationally and undertake work placements abroad.

Joseph Cardoza
MEng Architectural Engineering

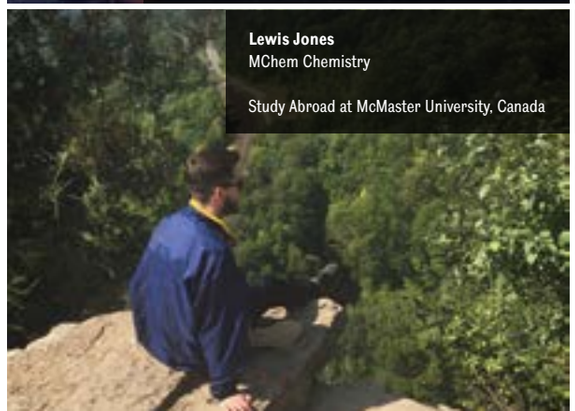
Summer School at Aarhus University, Denmark

Valentia Adarkwa-Afari
BA English and History

Summer School at Sungkyunkwan University, South Korea

Zoe Downs
BA Geography and Planning

Year abroad at University of Western Australia



Lewis Jones
MChem Chemistry

Study Abroad at McMaster University, Canada

Elena Puente Gomez
BA French and Economics

Work placement at British Council, France

Sport Sheffield

- 45 acres of grass and synthetic pitches
- A multi-purpose sports hall
- A 180-piece gym
- A 33m swimming pool
- A bouldering wall
- 3 squash courts
- 2 fitness studios

Whether you're an elite athlete, a beginner or you just want to keep fit and active, Sport Sheffield has you covered.

Social sport
Social sport is all about getting involved, trying something new and having fun. All of our sessions are available at a low cost, with no long term commitment.

Campus leagues
These leagues give you the chance to represent your course, department, society or group of friends in recreational sport.

Club sport
There are plenty of opportunities to represent the University in club sport. Although all of our 58 clubs have their own identity, they all come together to form the black and gold family.

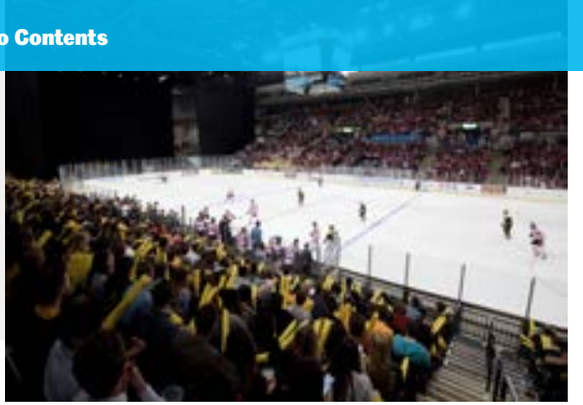
Performance sport
We provide a range of support for our elite athletes and top performing teams to help them succeed in their chosen sport whilst maintaining academic excellence.

Varsity
Varsity is the annual competition between the University of Sheffield and our local rivals Sheffield Hallam University. Almost 80 events take place across the city, from golf and boxing to water polo and lacrosse.

The competition culminates in the ice hockey final at Sheffield Arena which is watched by over 8,000 spectators. The atmosphere on campus during this time is electric. The whole University community comes together as team black and gold.

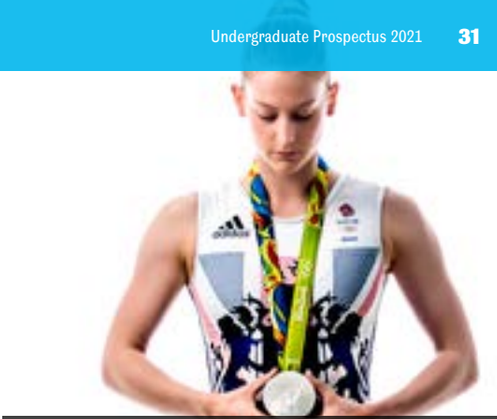
sheffieldvarsity.com

For more information, visit:
www.sport-sheffield.com



"There is honestly something for every level and ability here. My mental health and wellbeing have drastically improved and I've met incredible people who will be my friends for life. If I could give any advice to you, it would be to play a team sport."

Brittany Bowles
Sports officer



"I wanted to put 100% into both my sporting and academic career. My department was absolutely fantastic and balanced out my timetable so I could focus on my trampolining career. Sport Sheffield supported me right from the start of uni through to when I graduated."

Bryony Page
BSc Biology

The first British trampolinist to win an Olympic medal

"I was amazed by how dramatically emotional I was – waving, shouting and feeling the indescribable joy and overwhelming frustration, with hundreds of people sharing the same faith in our team."

Tansy Liu
BA Journalism Studies


Students' Union building


Coffee Revolution inside the SU


World week parade


International Cultural Evening


Varsity winners 2019

"I'm a part of Bummit – a brilliant society that runs the world's largest student-led charity hitchhike. Bummit has completely altered my University experience in the best way possible. I have made some incredible friends that I would probably never have crossed paths with before. It's also enabled me to see so much of Britain and Europe that I probably would not have seen otherwise."

Amelia Jackson-Read

No 1 Students' Union in the UK

Whatuni Student Choice Awards 2017–19

Your Students' Union

As a student here, you'll automatically become a member of Sheffield Students' Union, a unique and supportive community that is powered by students. The SU is at the heart of student life, where you can find support during your time at University, discover something new, or make a change in the world.

As well as being home to over 350 student-led societies, the SU houses shops, bars, club nights, places to eat, a nursery and a cinema. It has committees to support specific student groups including LGBT+, BME, disabled and international students. The award winning Student Advice Centre offers information and advice about your course, money, housing and immigration issues.

The SU is owned and led by our students. It's committed to sustainability, for the long term gain of its members and the world. It's a place for everyone, where equal value and opportunities are offered to all.

Sheffield Students' Union represents, supports and enhances the lives of Sheffield students. That's why they continue to vote it as the UK's number one.

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Explore your options

If you don't know which course to study, are unsure of what your subjects allow you to do, or if you're struggling to think of options beyond the traditional subject pathways, we can help.

It's important to choose a subject that interests you, that you're good at and that you'll enjoy studying for three to four years. It's also worth noting that some courses require previous knowledge of a subject, but a lot don't.

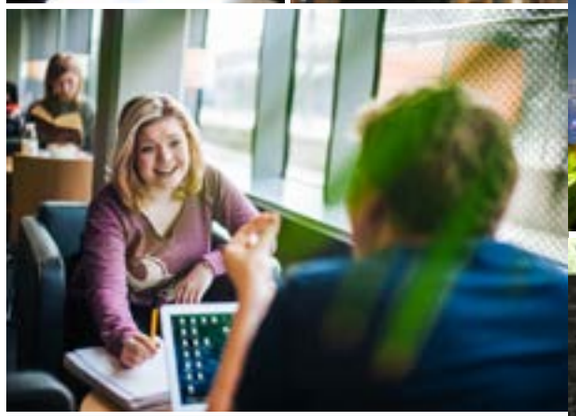
If you have studied maths, for example, you may be able to study Engineering with Private Pilot Instruction. Or if you have studied biology you could consider Orthoptics.

Speech and Language Science or Chinese Studies and Business Management (including a year in China) are examples of courses that don't require specific subjects for entry. This is just a small selection of the options available to you.

If you're looking for some inspiration, we've taken the most popular subjects studied at school and highlighted some alternatives you might not have thought of. There are more options than you might realise.

Physics

Chemistry (Page 75)
Plant Sciences (Page 168)
Engineering (Page 104)
Geography (Page 116)

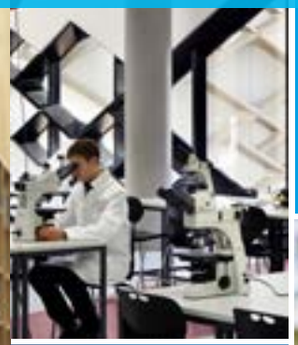


English

History (Page 123)
Politics (Page 171)
Archaeology (Page 46)
Music (Page 155)

Biology

Chemistry (Page 75)
Orthoptics (Page 160)
Speech and Language Therapy (Page 186)
Economics (Page 96)



Chemistry

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"Very friendly staff, such nice accommodation and buildings, a great city and an excellent course."

"Absolutely incredible day, felt like a lively and connected university that I would certainly wish to study at!"

"Great day overall – very informative, well organised, with useful, guides and helpful students."

We can't wait to meet you

Open days 2020

Saturday 27 June
Saturday 11 July
Saturday 12 September
Saturday 17 October

Book now at
sheffield.ac.uk/opendays

Open days

The perfect opportunity to get first-hand experience of the University and the city before you apply. Our open days are designed to help you find out about the things that matter most to you.

You'll get to take tours of the campus, the Students' Union and our accommodation. There will be talks about studying abroad, student life and student finance. Academic departments hold talks throughout the day and our staff and students will be there to answer your questions. Most important of all, you'll get to find out how it feels – the atmosphere, the people, the campus and the city.

Applicant days

When you've applied, you'll be invited to one of our applicant days. These have a strong department focus and will give you the chance to really explore student life at Sheffield, even if you've visited us before.

You'll get to spend time in your department, explore the campus and get to know the city. You can also find out more about your course, experience short lectures and presentations, and explore our world-class facilities. There's even the opportunity to spend the night in our student accommodation. It's a great way to get an insight into the student experience at Sheffield.

Taster days

Taster days give you the opportunity to immerse yourself in a subject for the day. You'll get to spend time in the department with academic staff and current students. You'll also take part in sample lectures and interactive sessions.
www.sheffield.ac.uk/undergraduate/taster-days

Campus tours

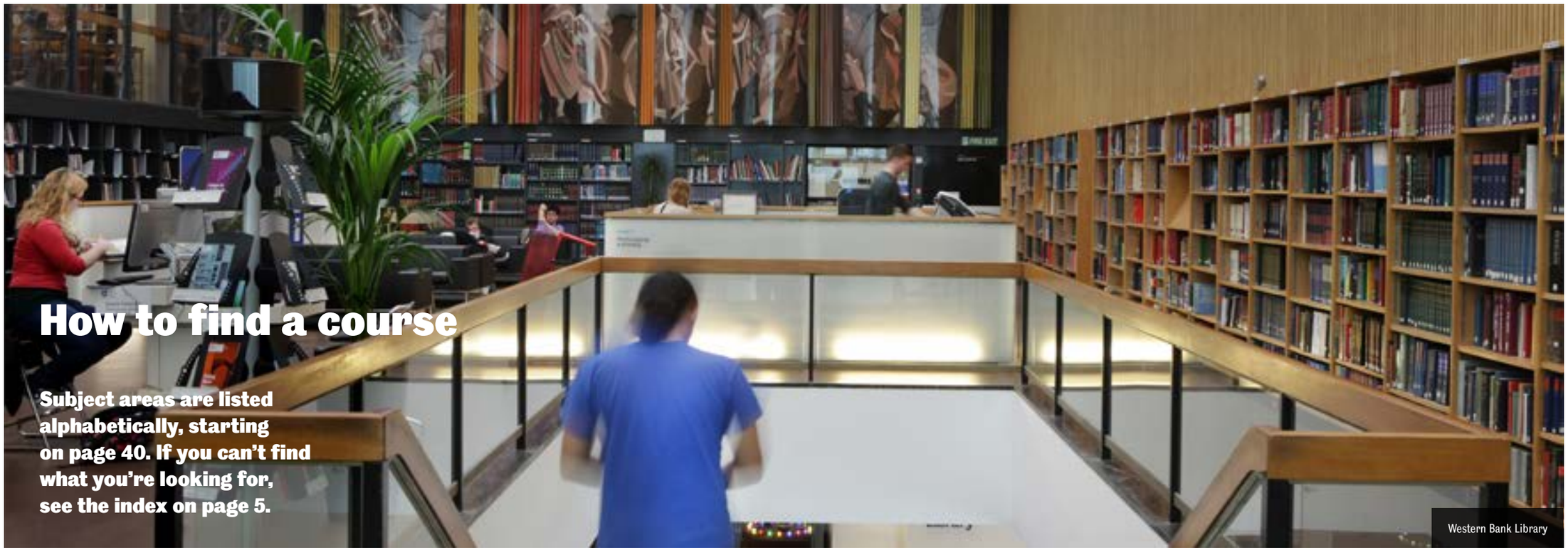
Can't make it to an open day? There are regular campus tours throughout the year. To book a place, see the open days webpages.

Meet us overseas

If you live abroad, we realise that it's difficult for you to visit our campus in person so we regularly travel overseas to meet with you. Find out when we're coming to your country at:
www.sheffield.ac.uk/international/visits

Additional support needs

If you have any additional support needs and you'd prefer an individual visit, call **+44 (0)114 222 9872** or see the open days webpages.



How to find a course

Subject areas are listed alphabetically, starting on page 40. If you can't find what you're looking for, see the index on page 5.

Western Bank Library

Entry requirements

We welcome applications from the brightest students studying a range of qualifications from a variety of backgrounds. Detailed A Level, International Baccalaureate, BTEC and other requirements can be found at the end of each subject entry. You'll find details of the other qualifications we accept, including international qualifications, on page 208 or online at: **www.sheffield.ac.uk/undergraduate/apply/requirements**

Identifying potential

We recognise that ability isn't always demonstrated through a standard set of A Level or equivalent qualifications. Our Access Sheffield policies help ensure that everyone who has the potential to succeed on our courses has the opportunity to do so.

If you're from a group currently under-represented in higher education, or have taken additional qualifications, you may be eligible for an alternative offer equivalent to one or two grades below the standard A Level entry requirements for your course. For more information see: **www.sheffield.ac.uk/undergraduate/access**

Course length

Bachelors degrees (BA, BEng, BSc and others) last three years. Degrees beginning with M (such as MComp, MEng, MBiolSci) are four-year courses that take you to masters level.

If you select a course that includes a foundation year, placement year or year abroad, in most cases the course will last an extra year. You can check the length of your course on our online prospectus: **www.sheffield.ac.uk/undergraduate/courses**

Combined courses

If the course has 'and' in the title, the split between the two subjects is roughly 50/50. If the course has 'with' in the title, there's more emphasis on the first subject.

"When I visited Sheffield I was really impressed by the emphasis on employability and the career support delivered through the Employability Hub. The fact that my degree provided me with so many exemptions from professional accountancy qualifications has meant I have been able to accelerate my career timeline."

Thomas Jarvis
BA Accounting and Financial Management with Employment Experience

Placement year at NHS Lincolnshire

Accounting and Financial Management

www.sheffield.ac.uk/management
management-admissions@sheffield.ac.uk
+44 (0)114 222 3376

Typical A Level requirements
AAB–ABB

Additional opportunities
- **Degree with employment experience**

Triple Crown accredited
(AACSB, AMBA and EQUIS)

Top 10 in the Russell Group for overall satisfaction
National Student Survey 2019

We offer a combination of real-world experience, academic and research expertise, teaching excellence and a commitment to your future employability.

A world-leading management school

We're proud to have been awarded the prestigious Triple Crown accreditation from AACSB, AMBA and EQUIS. These accreditations place us within the global elite of business schools and are an endorsement of the quality of our teaching, our research excellence, the wide variety of support available for students and alumni, and our strong links with organisations and partner institutions.

Join the Management School and you'll be taught by academics who are helping to influence businesses, organisations and policy makers through their research. Our focus is on sustainable and socially responsible business, and our work is helping to make a positive impact on societies and economies, in the UK and internationally. Staff share their insights of working with organisations, bringing academic theory to life through analysis of current business issues, case studies and practical assessments.

BA Accounting and Financial Management

Accounting and financial management plays a major role in all organisations and extends beyond just a series of mathematical techniques and processes. Our course looks at the way in which accounting informs decision-making and the impact of accounting information systems on organisations. You'll study intermediate and advanced topics in financial accounting and management accounting as you progress through the course, consolidating your learning and building a technical skill set of professional accounting techniques and processes.

Socially responsible financial management is also an important part of the course and students explore the impact of financial decisions on societal welfare, the environment and company shareholders.

There are a number of core modules on the course to ensure you acquire the necessary accounting and financial management knowledge required by the profession. In years two and three you have more flexibility and there are optional modules in topics such as auditing, business intelligence, corporate governance, corporate social responsibility and taxation.

Further practical skills development is available through our trading room which simulates life in the financial markets with professional software from Bloomberg. It's an integral part of the optional Financial Derivatives and Company Analysis and Valuation modules. We also run workshops for all our students to learn how to use the range of data, analytics and information sources.

Accounting and Financial Management is also available as a dual course with economics or mathematics.

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Placement years

You can add a placement year (sometimes called a year in industry) to your course after you arrive at Sheffield. Placements are taken between your second and final year of study and we add "Degree with Employment Experience" to your course title to reflect your time in the workplace.

Placements are a great opportunity for you to gain professional experience and apply what you've learned from your course to an organisation. Previous students have undertaken placements at Accenture, PwC, Rolls-Royce, Microsoft, Santander, Siemens and Marks and Spencer.

Placements are paid and are available on both the single honours and the dual honours Accounting and Financial Management courses. Visit **www.sheffield.ac.uk/careers/jobs/placements** to find out more.

Professional accreditations and exemptions

We've designed the BA Accounting and Financial Management course to maximise the number of exemptions from professional accounting exams and qualifications from bodies including ACCA, CIMA, CIPFA, CPA Australia and ICAEW. For a list of the exemptions available, visit **www.sheffield.ac.uk/management/undergraduate/afm-exemptions**

Your future

We work with businesses and organisations to ensure the content of our courses is up-to-date and relevant, and to ensure that the skills and experience students gain meets the demands of future employers.

Career development support and advice is delivered from our Employability Hub – a dedicated service for Management School students. We're not just here to help you look for a job in your final year of study, we offer a huge array of development opportunities and support from day one to make sure you're making the most of your time at Sheffield, identifying and working on any skills gaps, gaining practical experience and understanding what you want to do when you graduate.

Employers recognise and value the practical, work-ready skills that our students develop. Recent graduates are working for Barclays, British Airways, Ernst & Young, HSBC, Grant Thornton, KPMG and Santander. Many students pursue traditional accounting roles, but an increasing number are working in banking, finance, audit, assurance and consultancy.

UCAS Code | Course		A Level	IB	BTEC	Additional information
BA(Honours)					
N420	**Accounting & Financial Management**	ABB	33	DDD	GCSE Maths grade 6 or B
NL41	**Accounting & Financial Management and Economics**	AAB	34		Maths A Level grade A or IB Higher Level grade 6
NG41	**Accounting & Financial Management and Maths**				

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related course	
Business Management	Page 69

"Learning about the inner workings of planes and rockets sounded like a challenge that I could not resist. I wanted to study something that would give me a broad range of skills to give me the best chance of making a difference to the world. The range of modules, and the people, is why I came to study aerospace engineering at Sheffield and it has certainly lived up to that expectation."

Amy McLauchlan
MEng Aerospace Engineering with a Year in North America

Aerospace Engineering

www.sheffield.ac.uk/aerospace
aerospace-admissions@sheffield.ac.uk
+44 (0)114 222 7837

Typical A Level requirements

Direct entry	Foundation year
AAA–AAB	**BBB–BBC**

Additional opportunities

- **Degree with employment experience**
- **Study abroad**

Aerospace has world-class facilities including 20 jet engines and four wind tunnels, with ten flight simulators free to use at any time even outside of teaching.

The opportunity to learn about all aspects of the research, design, development, construction and flight of aircraft.

Industry focus

We work with the biggest names in industry to shape the future of aerospace engineering. We have strong partnerships with the likes of Airbus UK, BAE Systems, Boeing, EADS, Qinetiq and Rolls-Royce. Our work with them will introduce you to developments and techniques that are still new to industry. You'll gain breadth and depth of engineering knowledge, as well as the transferable skills employers demand.

A unique interdisciplinary approach

Like the industry, aerospace engineering at Sheffield is interdisciplinary. You'll be taught by experts in aerospace materials, aerodynamics, flight control systems, avionics, aircraft design, aero propulsion, management and applied mathematics.

Hands-on experience

Our courses will give you both academic knowledge and practical experience. Analyse flight performance and stability on a unique flying experience at Doncaster Sheffield Airport with the Yorkshire Aero Club. Solve real-world engineering problems on the Global Engineering Challenge. Or design, build and fly your own unmanned air vehicle as part of the MEng group design project.

First-rate facilities

The Diamond features some of the best engineering teaching spaces in the UK. You'll be taught in state-of-the-art teaching and lab facilities, using industry standard equipment. We have five Merlin static flight simulators for aircraft design and 10 X-Plane based flight simulators for flight control and navigation purposes. We also have 20 Wren jet engines to take apart and analyse, as well as a GUNT jet engine test bench. You'll get to use these facilities throughout your course.

Professional accreditation

Our courses are currently accredited by the Royal Aeronautical Society, the Institution of Mechanical Engineers, the Institution of Engineering and Technology and the Institute of Materials, Minerals and Mining. The MEng satisfies all the academic requirements for Chartered Engineer (CEng) status.

BEng/MEng Aerospace Engineering

You'll study the breadth and depth of aeronautical and aerospace engineering on these flexible courses. After a year of core study, you'll choose either the avionic systems or aeromechanics stream.
In your final year, you'll work on a research project led by one of our world-leading academics. As well as more in depth study, the MEng offers Industrial Training Programmes (ITPs) with Siemens, GE and Rolls-Royce, giving you the opportunity to work on real-life engineering problems and network with key players in industry.

BEng/MEng Aerospace Engineering (Private Pilot Instruction)

These courses are the same as our aerospace engineering degrees, with added initial flight training.

BEng/MEng Aerospace Engineering with a Year in Industry

You'll study the same curriculum as on our core degrees, but you'll also enhance your understanding of aerospace engineering by spending a year working in an engineering company. This industrial experience puts your academic studies into context and gives you a distinct advantage in the job market.

MEng Aerospace Engineering with a Year in North America

This course is the same as our MEng Aerospace Engineering, but you'll spend your third year studying at a leading university in the USA or Canada. You'll benefit from the opportunity to live abroad and make international contacts.

Aerospace Engineering with a Foundation Year

If you want to study with us but don't meet our standard entry requirements, our foundation year could be for you. You'll learn the fundamentals of maths, physics and engineering in a variety of innovative ways to prepare you for your degree.

For more information about our foundation year, see page 197 or visit www.sheffield.ac.uk/sefy

What our graduates do

Our graduates are in demand internationally and go on to work for some of the world's leading engineering companies. They work in aerospace design, aviation, transport, manufacturing, finance, energy and power, and the armed forces. Employers include Airbus, BAE Systems, BP, Ernst & Young, Jaguar Land Rover, Ministry of Defence, Nissan, Rolls-Royce, PwC, Royal Air Force and Shell.

Some students continue on to further study or research.There's a focus on employability throughout your studies and you'll get all the support you need to help you achieve your career aspirations.

Student societies and projects

The course has a vibrant student society, AeroSoc, who organise student socials and site trips throughout the year. You could also get involved with student projects that will put your practical skills to the test, including:

- Project Phoenix, where a 1920s two-seat wooden aircraft is under construction.
- Project Hex, a multirotor drone design and build for the annual iMechE UAS Challenge.
- Team Sunrlde, where a rocket is designed and built to enter the Spaceport America Cup.

UCAS Code | Course		A Level	IB	BTEC	Additional information
MEng(Honours)					
H400	**Aerospace Engineering**	AAA	36	Only considered when combined with other qualifications	Maths and a second Science subject at A Level or IB Higher Level grade 6
H490	**Aerospace Engineering (Private Pilot Instruction)**				
H405	**Aerospace Engineering with a Year in industry**				
H406	**Aerospace Engineering with a Year in North America**				
BEng(Honours)					
H402	**Aerospace Engineering**	AAB	34	Only considered when combined with other qualifications	Maths and a second Science subject at A Level or IB Higher Level grade 6
H460	**Aerospace Engineering (Private Pilot Instruction)**				
H404	**Aerospace Engineering with a Year in industry**				
Foundation Year					
H407	**Aerospace Engineering with a Foundation Year**	BBB–BBC	32–31	DDD	Dependent on subjects studied Minimum GCSE Maths and Science grade 6 or B A Level General Studies and Critical Thinking not accepted

Subject requirements: second Science subjects include Biology/Human Biology, Chemistry, Further Maths, Physics and Statistics.

English language requirements: see page 209.

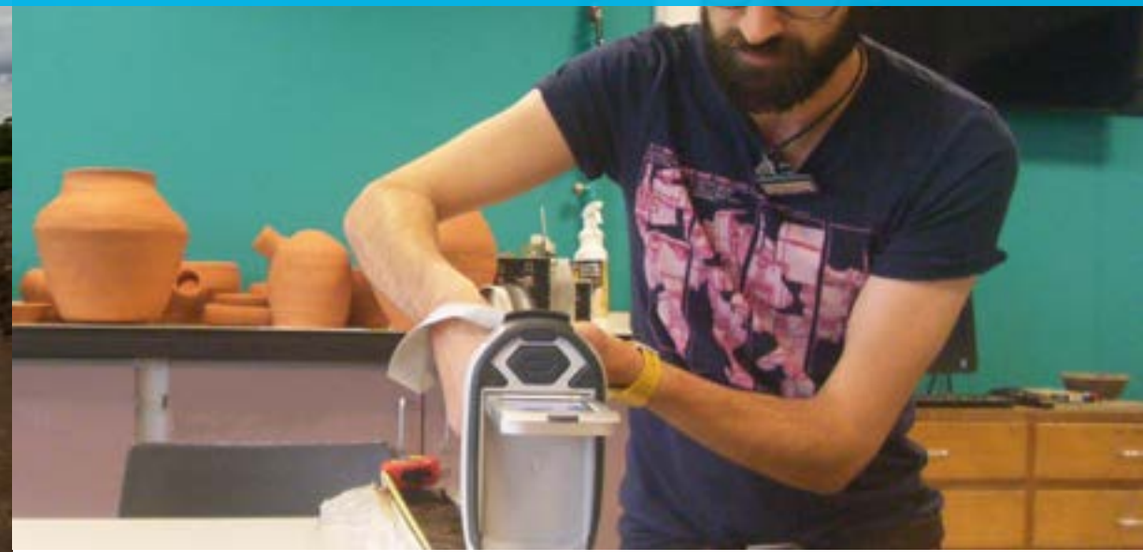
BTEC: please check our online prospectus for specific BTEC subject requirements.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related course	
General Engineering (MEng/BEng)	Page 112



Archaeology

www.sheffield.ac.uk/archaeology
archaeology-ug@sheffield.ac.uk
+44 (0)114 222 2900

Typical A Level requirements
ABB

Additional opportunities
- **Study abroad**

UK Top 10 for archaeology
Guardian University League Tables 2020

The world we know is changing rapidly. By investigating the material remains of the past, we can develop our understanding of some of the global challenges we are facing today.

Intellectual challenge

Archaeology is an interdisciplinary subject that applies both science and humanities based approaches to the study of the past. Our programmes are intellectually challenging, and require mental agility, critical thinking and creativity.

Our teaching – whether in the lecture theatre, out in the field, working with community heritage groups, or in the laboratory – is tailored to the demands of our programmes.

You'll learn through a blend of expert guidance and inquiry into real problems, supported by our world-leading community of scholars and research technicians. By learning in an active research environment, you'll gain the skills and confidence to undertake your own original research.

Fieldwork

Fieldwork is an integral part of all our courses. All our single honours students are trained in fieldwork in their first year, whilst dual honours students have the opportunity to undertake fieldwork in optional modules.

You'll learn excavation techniques, geophysical surveying, and how a field project is organised. You'll also learn to analyse and interpret material evidence and see how different specialists work together.

We'll give you numerous opportunities to attain our minimum requirement of six weeks fieldwork or practical training. All the practical experience you gain is recorded in your Archaeology Skills Passport, endorsed by the Chartered Institute for Archaeologists.

Archaeology at Sheffield

Sheffield is surrounded by a landscape rich in history and heritage. Not far from Sheffield is a wealth of archaeological and historical sites including the caves at Creswell Crags which were once occupied by Neanderthals.

We work closely with our strategic partners such as Wessex Archaeology and Peak Park to provide you with opportunities to recover and promote Sheffield's heritage.

Your future

According to a report by Historic England, the archaeology workforce in the UK needs to grow by 25 per cent over the next five years and by 64 per cent by 2033 to meet the demands of infrastructure projects. Sheffield graduates are highly skilled and equipped to join this growing industry.

We talk to employers to make sure you develop the qualities they're looking for. Our close links with commercial archaeologists and heritage providers give you direct access to research opportunities, work placement experience and valuable careers advice. Your analytical, creative, communication and teamwork skills will open doors to a range of careers within and beyond archaeology.

Inclusive fees

If an item or activity is classed as a compulsory element of your course, it will be included in your tuition fee so we will pay for your compulsory field trips, lab equipment and excavation kit. Optional fieldwork or placements which are outside of the provision offered by the department may incur additional costs such as accommodation, travel and personal expenses.

BA Archaeology
You'll gain an excellent foundation in all aspects of world archaeology. We combine theory and practice in a range of specialist modules from different time periods, geographic locations and methodological approaches.

BSc Archaeology
This course uses the principles of biology, chemistry and physics to investigate all aspects of the human past. You'll work in the field and in our specialist laboratories, developing critical skills in diverse archaeological methods.

BA Archaeology and History
This course combines the study of historical texts with the investigation of past societies through the material record. Studying in two departments will enhance your understanding of both subjects and how they inform each other.

BA Archaeology and Modern Languages and Cultures
Studying languages alongside archaeology gives you a unique insight into the historical and cultural development of countries and societies. You'll develop highly valuable language skills and you'll get to spend your third year abroad.

What our graduates do
Archaeology at Sheffield opens up a wide range of career opportunities in the environmental and cultural sectors. Many graduates work in archaeology, in commercial units, national and local government, the charitable sector and university departments. Some choose to study for a postgraduate degree. Others have gone into journalism, teaching, the police, healthcare and the media. Employers include Historic England, the People's History Museum, Channel 4 Television, the Council for British Archaeology, schools, universities and archaeological trusts.

UCAS Code	Course	A Level	IB	BTEC	Additional information
BA(Honours)					
F400	**Archaeology**	ABB	33	DDD	
FV41	**Archaeology and History**			Only considered when combined with other qualifications	Typically including History or Classical Civilisation at A Level or IB Higher Level grade 5
BSc(Honours)					
F410	**Archaeology**	ABB	33	DDD	

Part-time: Archaeology BA(Honours) is available to study part-time and has the same entry requirements as the full-time course. For details on how to apply for the part-time option, contact the department.

English language requirements: see page 209.

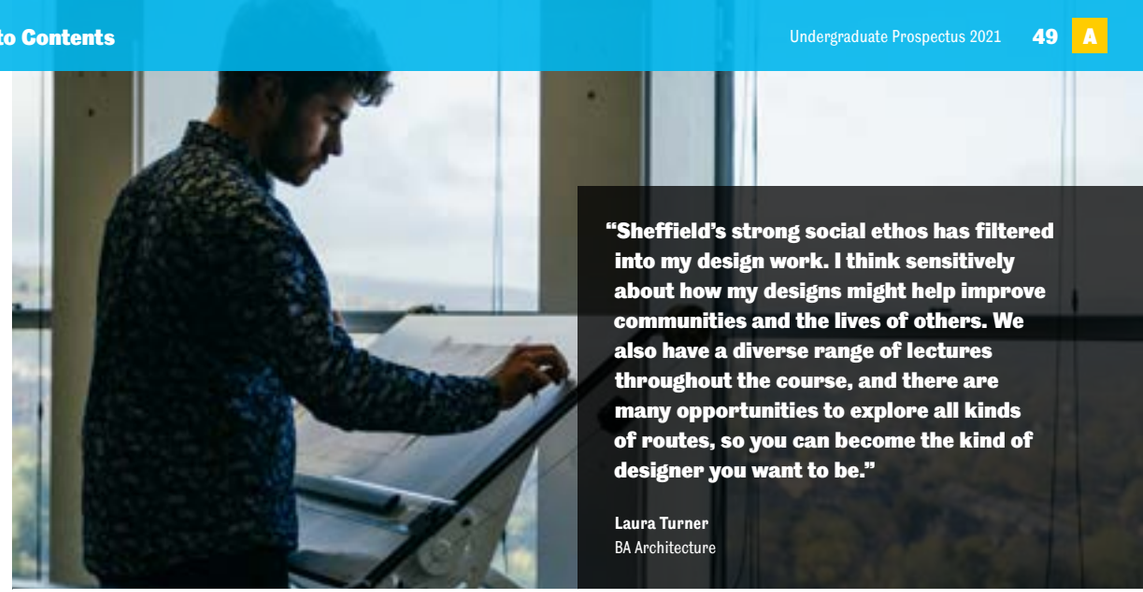
Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related course	
Archaeology with Foundation Year (alternative route for mature students)	Page 199



"Sheffield's strong social ethos has filtered into my design work. I think sensitively about how my designs might help improve communities and the lives of others. We also have a diverse range of lectures throughout the course, and there are many opportunities to explore all kinds of routes, so you can become the kind of designer you want to be."

Laura Turner
BA Architecture

Architecture

www.sheffield.ac.uk/architecture
architecture-admissions@sheffield.ac.uk
+44 (0)114 222 0305

Typical A Level requirements
AAA

Additional opportunities
- **Study abroad**

3rd in the UK for architecture
The Guardian University Guide 2020
The Complete University Guide 2020

94% overall satisfaction
National Student Survey 2019

Sheffield is one of the top schools in the UK for architecture research. Our RIBA-accredited courses are highly rated by students and professionals.

We attract the best
Choosing Sheffield means joining some of the best architecture students in the UK – our students have won prizes at the RIBA Student Awards and the Royal Academy Summer Show. They've been shortlisted in the European Architecture Medals and the Inspiring Graduate Awards. Our staff are doing world-class research, helping to make the school a leader in our field across the UK and internationally.

Community engagement
We believe in architecture that makes a difference. We know it has the potential to improve lives. Through our internationally acclaimed teaching and research, we explore the social, spatial and environmental implications of architecture. As a Sheffield student you'll engage with real issues affecting the built environment.

Professional accreditation
Our courses are recognised by the Royal Institute of British Architects (RIBA) and give exemption from RIBA Part 1. They are also prescribed by the Architects Registration Board, which means you'll be eligible to join the Register of Architects when you successfully complete your training.

Our creative learning environment

We have a strong design studio culture. The studio acts as a laboratory for trialling your creative and critical ideas, and for developing fundamental architectural skills. You'll share ideas during group tutorials and review other students' work. This encourages you to express your own opinion and to value the opinions of others, as you begin to develop your personality as a designer. We provide a balance of theory, design work and professional experience.

Your best design work will be shown at the final end of year exhibition. This will be attended by a large number of practitioners.

Architecture

All three years of this degree are divided approximately equally between lecture courses and a creative studio-based culture. Projects develop in scale and complexity until the major design project at the end of the third year, which addresses a range of cultural, technological, conceptual and representational ideas.

Architecture and Landscape

This course offers a unique opportunity to gain a professional qualification from the RIBA and the Landscape Institute. It includes core modules from architecture and landscape and specialist modules that address our principal aim: the integration of architecture and landscape design. In the first year you might develop proposals for a small building in a public landscape. By the third year the focus may be on a substantial piece of urban design.

What our graduates do

Our graduates often go into architectural practice for a year or two before doing a two-year MArch in Architecture – either at Sheffield or another school. Our graduates also pursue careers in the built environment or move on to specialist masters courses. Employers include AHMM, ARUP, Building Design Partnership, Haworth Tompkins Architects, Feilden Clegg Bradley, Grimshaw Architects, Hawkins\Brown, and Penoyre & Prasad.

Social activities

Our student societies encourage a thriving academic and social scene. The Sheffield University Architecture Society (SUAS) brings together all students and staff through weekly evening guest speakers, film screenings, talks given by students for students, and regular socials including the Architecture Ball. We also have societies specifically for dual students and the Humanitarian Architecture Society which focuses on architecture that brings positive change to those who need it most.

UCAS Code | Course	A Level	IB	BTEC	Additional information
BA(Honours)				
K100 **Architecture** KK13 **Architecture and Landscape**	AAA	36	D*DD	GCSE Maths grade 4 or C and portfolio

Subject requirements: at least one of the A Levels offered should be in an acceptable subject. For more information please refer to: www.sheffield.ac.uk/undergraduate/policies/alevel

English language requirements: see page 209.

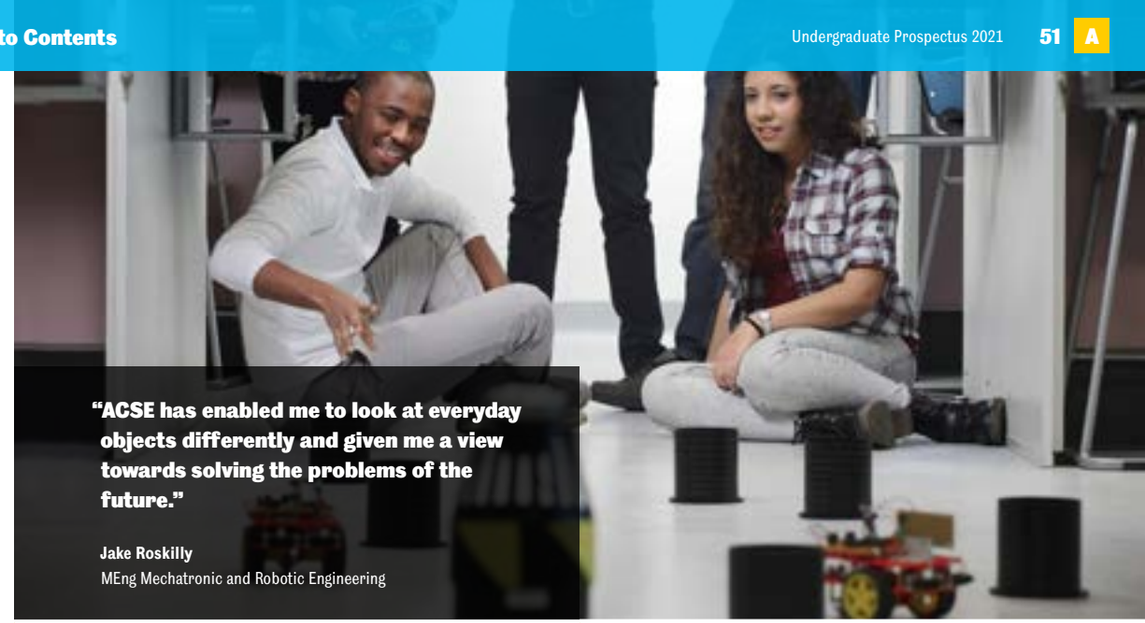
Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Architectural Engineering	Page 79
Landscape Architecture	Page 128
Structural Engineering and Architecture	Page 78



"ACSE has enabled me to look at everyday objects differently and given me a view towards solving the problems of the future."

Jake Roskilly
MEng Mechatronic and Robotic Engineering

Automatic Control and Systems Engineering

www.sheffield.ac.uk/acse
adacse@sheffield.ac.uk
+44 (0)114 222 5647

Typical A Level requirements

Direct entry	Foundation year
AAA–AAB	**BBB–BBC**

Additional opportunities

- **Study abroad**
- **Degree with employment experience**

No 1 in the UK for research output
Research Excellence Framework 2014

90% for student satisfaction
The National Student Survey 2019

We are the only department in the UK dedicated to control and systems engineering. Our high calibre graduates go on to work for companies such as Rolls-Royce, Jaguar Land Rover, Thales, IBM and Unilever.

A unique place to study

We are home to the Rolls-Royce University Technology Centre and have research contracts with major institutions like the European Space Agency, as well as our many academic and industrial partners. These connections mean our teaching is based on the latest thinking.

Our facilities include a robotics, real-time systems, and control and power systems laboratory, as well as a state-of-the-art electronics and control lab in the Diamond.

Professional accreditation

All our courses are accredited by the Institution of Engineering and Technology (IET) and the Institute of Measurement and Control.

Our MEng degrees satisfy the academic requirements for Chartered Engineer (CEng) status. Subject to achieving a satisfactory performance you can transfer from the BEng to the MEng degree at the end of the second year.

A year in industry

You can combine most of our courses with a year in industry. Working in an engineering or technology company will put your academic studies into context, improve your skills and enhance your employment prospects when you graduate.

BEng/MEng Computer Systems Engineering

This course will help you understand how computer systems are used in safety-critical applications like infrastructure, medicine and aviation. You'll design, create, integrate and manage computer systems for complex engineering applications.

BEng/MEng Mechatronic and Robotic Engineering

Design, analyse and test robots, autonomous vehicles and other complex electro-mechanical systems. Learn how to control robotic systems using modern microprocessor technology. Use machine learning to discover how artificial intelligence is applied in many different fields.

BEng/MEng Intelligent Systems and Control Engineering

Become an expert in the advanced control system analysis and design techniques used widely in industry. Learn how to control traditional engineering systems, use machine learning and apply your knowledge to complex systems like biological processes, financial or energy systems, aerospace and the environment.

BEng/MEng Intelligent Systems and Control Engineering (Engineering Management)

This course includes management modules along with core engineering subjects. The compulsory engineering subjects are the same as on the intelligent systems and control engineering course. You'll also study marketing management, accounting and finance, strategy and business planning.

Foundation year

If you want to study with us but don't meet our standard entry requirements, our foundation year could be for you. You'll learn the fundamentals of maths, physics and engineering in a variety of innovative ways to prepare you for your degree.

For more information about our foundation year, see page 197 or visit www.sheffield.ac.uk/sefy

Student-led projects

Gain practical experience working as a team in a real engineering challenge. In 2019 Team SunrIde broke a UK altitude record with a rocket they designed and built.

What our graduates do

Qualified systems and control engineers make a genuine difference in the world. They build robots and design manufacturing processes. They can even help to predict climate change, financial trends or reserves of raw materials.

Our graduates work in sectors, such as manufacturing, aerospace, robotics, power generation and finance, for companies including Rolls-Royce, Jaguar Land Rover, Shell, Dyson and HSBC.

UCAS Code	Course	A Level	IB	BTEC	Additional information
MEng(Honours)					
G500	**Computer Systems Engineering**	AAA	36	Only considered when combined with other qualifications	Maths and a second Science subject at A Level or IB Higher Level grade 6
8M74	**Computer Systems Engineering with a Year in Industry**				
H360	**Mechatronics and Robotic Engineering**				
2S15	**Mechatronic and Robotic Engineering with a Year in Industry**				
H660	**Intelligent Systems and Control Engineering**				
0G31	**Intelligent Systems and Control Engineering with a Year in Industry**				
H1NF	**Intelligent Systems and Control Engineering (Engineering Management)**				
H659	**Robotics with a Foundation Year**	BBB–BBC	32–31	DDD	Dependent on subjects studied Minimum GCSE Maths and Science grade 6 or B A Level General Studies and Critical Thinking not accepted
BEng(Honours)					
H130	**Computer Systems Engineering**	AAB	34	Only considered when combined with other qualifications	Maths and a second Science subject at A Level or IB Higher Level grade 6,5
2A47	**Computer Systems Engineering with a Year in Industry**				
H361	**Mechatronics and Robotic Engineering**				
2G36	**Mechatronic and Robotic Engineering with a Year in Industry**				
H690	**Intelligent Systems and Control Engineering**				
8L16	**Intelligent Systems and Control Engineering with a Year in Industry**				
HN62	**Intelligent Systems and Control Engineering (Engineering Management)**				
H653	**Robotics with a Foundation Year**	BBB–BBC	32–31	DDD	Dependent on subjects studied Minimum GCSE Maths and Science grade 6 or B A Level General Studies and Critical Thinking not accepted

Subject requirements: Physics is preferred as the Science subject but Biology/Human Biology, Chemistry, Computer Science, Electronics, Engineering, Further Maths or Technology are acceptable in lieu of Physics.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

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General Engineering (MEng/BEng)	Page 112

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Biochemistry

www.sheffield.ac.uk/mbb
mbb@sheffield.ac.uk
+44 (0)114 222 2740

Typical A Level requirements

Direct entry **AAA–AAB**

Foundation year **BBC**

Additional opportunities

- **Year in industry**

UK top 10 for biological sciences

The Times and Sunday Times Good University Guide 2020

UK top 10 for overall satisfaction

(Molecular Biology, Biophysics and Biochemistry)
National Student Survey 2019

Biochemistry is crucial to advances in medical science, pharmaceuticals and biotechnology. Our courses will give you the knowledge and skills to be part of these developments throughout your career.

High-quality teaching

We will challenge you to achieve your very best. We run small tutorial groups to support your learning. Extensive practical experience includes a project in the third year that could involve laboratory research, computing, clinical diagnostics, science communication or school teaching, depending on your career aspirations.

Flexible course structure

You can study biochemistry on its own or combine it with another subject in the molecular biosciences. The first year is the same for all of our courses. You're not tied to the course you register for. At the end of the first year, you can transfer to any course in the department: genetics, microbiology, molecular biology and combinations of these subjects.

You can also take time out to work on a placement between years two and three, to graduate with a degree with a year in industry.

BSc or MBiolSci?

Either of these will give you a thorough knowledge of your chosen subject. The four-year MBiolSci with Advanced Accreditation from the Royal Society of Biology, has more focus on laboratory skills, and includes an extensive research project, which can be based in a university or industrial lab. You can transfer in either direction between the three and four-year course during years one to three.

Biosciences with Foundation Year

If you want to study biochemistry but don't meet our standard entry requirements, our foundation year could be for you. After successfully completing the one-year programme, you'll progress onto the first year of your chosen bioscience degree.

For more information about our foundation year, see page 197 or visit **www.sheffield.ac.uk/sefy**

Our student society

You can become a member of the department's student society, MBBSoc, which organises social events, charity fundraising, sports teams and academic study events.

What our graduates do

Many of our graduates are employed in pharmaceuticals and healthcare, food safety and manufacture, brewing and agrochemicals, forensic science and as NHS scientists. They also work in education, the scientific civil service, bioinformatics or medical schools. Others use their skills in management and commerce. Many choose further study and go on to do research for organisations all over the world.

UCAS Code	Course	A Level	IB	BTEC	Additional information
MBiolSci(Honours)					
C709	**Biochemistry**	AAA	36	Only considered when combined with other qualifications	Including Chemistry and another Science subject at A Level or IB Higher Level grade 6 GCSE Maths grade 4 or C
C749	**Medical Biochemistry**				
CC7C	**Biochemistry and Genetics**				
CC79	**Biochemistry and Microbiology**				
BSc(Honours)					
C700	**Biochemistry**	AAB	34	Only considered when combined with other qualifications	Including Chemistry and another Science subject at A Level or IB Higher Level grade 6,5 GCSE Maths grade 4 or C
C741	**Medical Biochemistry**				
CC74	**Biochemistry and Genetics**				
CC75	**Biochemistry and Microbiology**				
C706	**Biochemistry with a Year in Industry**				
C746	**Medical Biochemistry with a Year in Industry**				
CC76	**Biochemistry and Genetics with a Year in Industry**				
CC86	**Biochemistry and Microbiology with a Year in Industry**				
Foundation Year					
C900	**Biosciences with Foundation Year**	BBC	31	DDM	Including a Science subject at A Level or IB Higher Level grade 5 GCSE Maths grade 6 or B A Level General Studies is not accepted

Subject requirements: second Science subjects include Biology/Human Biology, Physics, Psychology, Mathematics and Further Mathematics. As well as the above Foundation Year will also accept Chemistry, Computer Science, Geology, Statistics, Geography, Economics or Environmental Science/Studies.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

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Bio-dental Science and Technology

www.sheffield.ac.uk/department
department-admissions@sheffield.ac.uk
+44 (0)114 222 0000

Typical A Level requirements
AAB

Additional opportunities
- **Degree with employment experience**
- **Research informed placement opportunities available**

One of fewer than 20 schools in the UK to offer cadaveric anatomy teaching.

Learn about the structure, function and maintenance of oral and dental tissues.

Our expertise

Our expertise in the basic and applied sciences underpinning clinical dentistry spans diverse fields including anatomy, oral microbiology, cell biology, biochemistry, physiology, tissue engineering, neuroscience, medical sociology and dental materials. Our strength in these disciplines allows us to offer a contemporary research-led programme in subject areas at the forefront of healthcare research.

BSc Bio-dental Science and Technology

You'll work on innovative research projects in areas such as the molecular and cellular bases of regeneration and tissue repair. We'll help you to develop the technical skills needed by employers.

This degree includes an opportunity to go on a research-informed placement where you'll learn how science can provide commercial healthcare solutions. You'll also have the chance to work with the local community to promote the public understanding of oral health.

You'll study eight core modules across three years. The modules will develop your ability to learn independently. Although all modules are compulsory, you can choose to focus on the subjects that interest you most during years 2 and 3.

Year 1

The first year introduces you to the organisation and function of the human body with a special focus on the head and neck. You'll study the structure of cells and the biochemical processes within them as well as their anatomy and that of the thorax, head and neck. You'll learn about major physiological processes alongside cellular function and body structure. You will also learn about important bacterial pathogens, especially those causing oral disease, and how the body responds to infection.

Year 2

The second year provides an overview of the effect that growth, ageing and certain diseases have on wellbeing. You'll also learn about dental materials and how to use them safely. This course will develop your skills in experimental design, and your ability to analyse results and identify the impact of your work on oral health.

Year 3

During the third year you'll carry out a research-informed placement that builds on subjects you developed an interest in during year 2. You'll study research statistics and ethics, and learn how to critically appraise scientific literature. The third year will give you a deep understanding of key topics in bio-dental science and technology. You'll also gain skills in laboratory and qualitative research.

Teaching methods

This course includes lectures, seminars, online learning, lab classes and human dissection. In addition to the placement, you'll carry out an individual project and a group project.

What our graduates do

Our graduates develop the knowledge and skills to work in translational research both in industry and the NHS. As this degree combines a biological science with a healthcare discipline, you'll be well placed for a career in emerging areas of basic and applied health research, the sociology of healthcare, bioactive materials, advanced manufacturing and virtual reality simulation. You would also be well placed to train as a biology teacher and could arrange your placement to support this.

Sheffield University Dental Student Society (SUDSS)

SUDSS is one of the largest dental student societies in the UK. From sports, volunteering opportunities, careers talks and socials, its aim is to make your University experience as positive as possible.

UCAS Code | Course		A Level	IB	BTEC	Additional information
BSc(Honours)					
B750	**Bio-dental Science and Technology**	AAB	34	DDD	Two Science subjects at A Level or IB Higher Level 6,5 GCSE Maths, English Language and Science grade 4 or C A Level General Studies and Critical Thinking not accepted

Subject requirements: Science subjects include Biology, Chemistry, Further Maths, Human Biology, Maths and Physics. Applicants will be considered if studying Chemistry with Psychology, Sociology or Geography. Biology with Human Biology and Maths with Further Maths are not accepted as a Science combination.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

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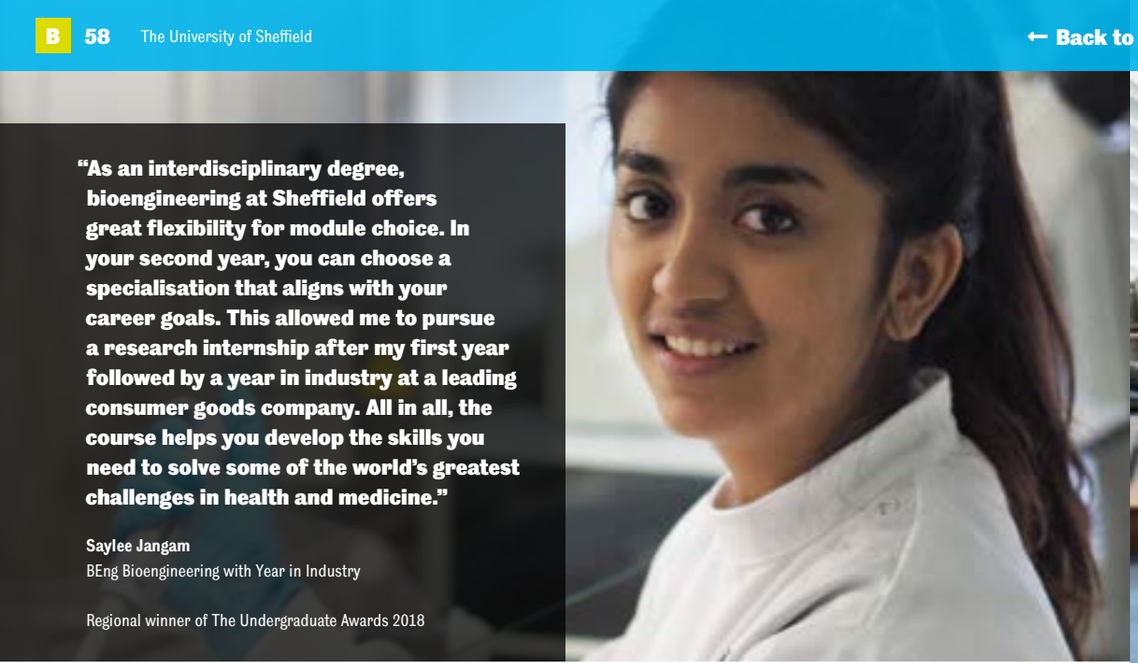

"As an interdisciplinary degree, bioengineering at Sheffield offers great flexibility for module choice. In your second year, you can choose a specialisation that aligns with your career goals. This allowed me to pursue a research internship after my first year followed by a year in industry at a leading consumer goods company. All in all, the course helps you develop the skills you need to solve some of the world's greatest challenges in health and medicine."

Saylee Jangam
BEng Bioengineering with Year in Industry

Regional winner of The Undergraduate Awards 2018

Bioengineering

www.sheffield.ac.uk/bioengineering
bioengineering-admissions@sheffield.ac.uk
+44 (0)114 222 7876

Typical A Level requirements

Direct entry	Foundation year
AAA–AAB	**BBB–BBC**

Additional opportunities

- **Degree with employment experience**
- **Study abroad**

Bioengineering is a technology-driven subject embracing engineering principles to improve health and quality of life.

Learn to use high-level engineering expertise to analyse and solve some of the most complex problems in biology, medicine and healthcare today.

From 3D printing and biophotonics, to tissue and bone engineering, we're helping to develop products that improve medical care and quality of life. Our research-led teaching produces multi-skilled graduates who can carry on that work.

Specialist teachers and facilities

Like the industry, bioengineering at Sheffield is interdisciplinary. You'll be taught by experts in materials, mechanical, control, electrical, chemical and biological engineering, computer science, medicine and biology.

Learning and teaching takes place in one of the best bioengineering teaching spaces in the UK. The Diamond has industry-standard equipment for culturing and analysing cells, measuring the activity of the human body, mechanical and electrical testing of materials, 3D printing and customised software packages for developing bioengineering models.

Close links with industry

You will develop the knowledge and skills employers are looking for by working closely with partners in the healthcare profession and in industry such as Philips, Johnson and Johnson and the NHS.

Professional accreditation

Our courses are currently accredited by the Institution of Engineering and Technology (IET) and the Institute of Physics and Engineering in Medicine (IPEM). The MEng satisfies all the academic requirements for Chartered Engineer (CEng) status.

BEng/MEng Bioengineering

Be inspired to help shape the future of healthcare technology on this flexible course. In your first year you'll get a broad-based introduction to bioengineering. You'll learn about biology, physiology and anatomy, and begin to understand how traditional engineering principles can be applied to the human body. Our degrees offer you the opportunity to specialise in one of four areas of bioengineering during the course. Choose between two broad themes at the end of year one, and refine your choice even further at the end of year two.

- **Biomedical engineering**
  How engineering principles can provide innovative solutions to safeguard and enhance human health.
- **Medical devices and systems**
  The development of novel medical devices and the improvement of clinical engineering systems.
- **Biomaterials science and tissue engineering**
  The application of materials engineering and cell biology principles to achieve improved repair of injured and damaged body tissues and organs.
- **Biomanufacturing**
  The application of chemical engineering and cell biology principles to improve the manufacture of pharmaceuticals and other biologically active substances.

BEng/MEng Bioengineering with a Year in Industry

You'll follow the same programme of study as our main course and spend a year working in an engineering, medical or healthcare company. This real-world experience gives you a competitive advantage in the jobs market once you graduate.

BEng or MEng?

They're both excellent courses. The MEng adds an extra year of study and more in-depth project work, so you graduate with even more practical experience. Depending on your results, you could transfer from the BEng to the MEng after your second year.

Bioengineering with a Foundation Year

If you want to study with us but don't meet our standard entry requirements, our foundation year could be for you. You'll learn the fundamentals of maths, physics and chemistry in a variety of innovative ways to to prepare you for your degree.

For more information about our foundation year, see page 197 or visit www.sheffield.ac.uk/sefy

What our graduates do

Our graduates have become professional engineers who design medical instruments, repair body tissue and solve clinical problems through research. They work closely with materials scientists, physicians, dentists, therapists and technologists to help benefit human health. The transferable skills gained on the course have also enabled graduates to take up careers in law, finance, software development, quality assurance, pharmaceutical industry, health service and other fields.

The BioSoc Society

This thriving student-led society hosts socials and volunteering activities throughout the year. You can also join faculty-wide societies such as Engineering without Borders, IGEM and Women in Engineering.

UCAS Code	Course	A Level	IB	BTEC	Additional information
MEng(Honours)					
H675	**Bioengineering**	AAA	36	Only considered when combined with other qualifications	Maths and a second Science subject at A Level or IB Higher Level grade 6 A Level General Studies not accepted
H671	**Bioengineering with a Year in Industry**				
BEng(Honours)					
H673	**Bioengineering**	AAB	34	Only considered when combined with other qualifications	Maths and a second Science subject at A Level or IB Higher Level grade 6,5 A Level General Studies not accepted
H67H	**Bioengineering with a Year in Industry**				
Foundation Year					
H160	**Bioengineering with a Foundation Year**	BBB–BBC	32–31	DDD	Dependent on subjects studied Minimum GCSE Maths and Science grade 6 or B A Level General Studies and Critical Thinking not accepted

Subject requirements: second Science subjects include Biology/Human Biology, Chemistry or Physics.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
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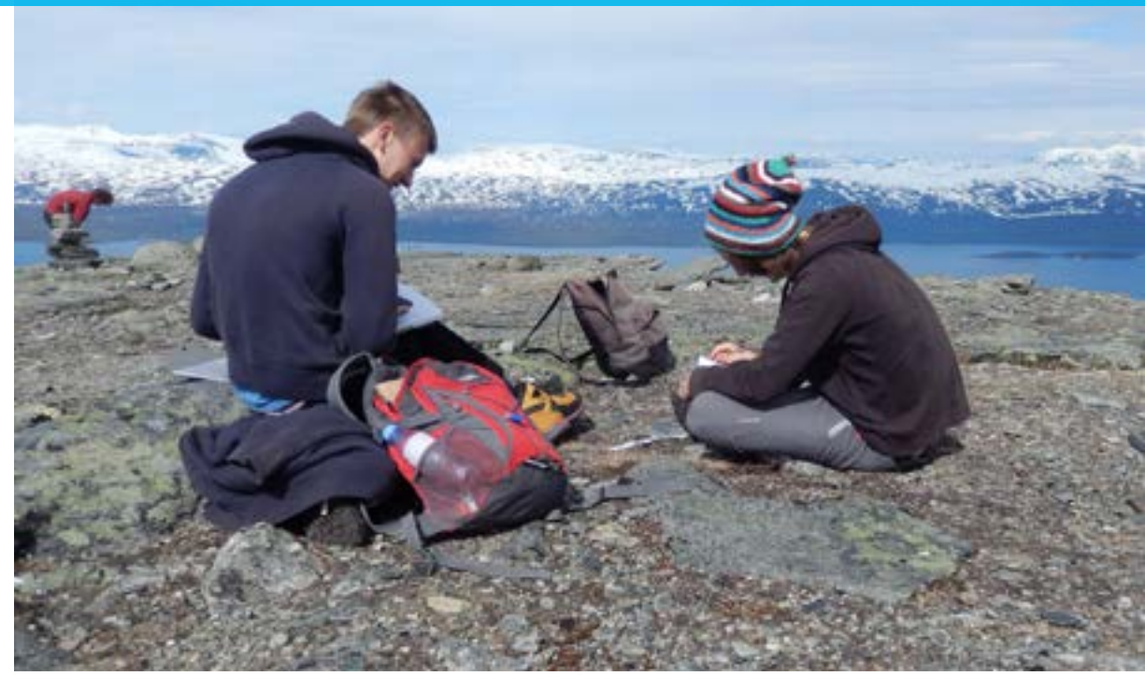
Materials Science and Engineering (Biomaterials)	Page 135



Biology

www.sheffield.ac.uk/aps
apsadmissions@sheffield.ac.uk
+44 (0)114 222 0123

Typical A Level requirements

Direct entry **AAA–AAB**

Foundation year **BBC**

Additional opportunities

- **Degree with placement year**
- **Year abroad**
- **MBiolSci**

Top 5 for biological research
Research Excellence Framework 2014

UK top 10 for biological sciences
The Times and Sunday Times Good University Guide 2020

UK top 10 for overall satisfaction
National Student Survey 2019

Our flexible courses allow you to specialise or be a generalist, undertake a year-long paid work placement, or spend a year studying abroad.

About us

We don't just teach biology – we do biology. And so will you – through lectures, practicals, field courses and a research project and dissertation. Our modules span the breadth of biological science: genes, physiology, populations, communities, ecosystems and include sustainability and biodiversity. Our staff are world leaders in their fields and our modules are built on this excellence.

"The support we get on this course is one of a kind and really helpful – it's not only about learning biology, but improving all aspects of our knowledge and character. For example we can meet with our writer in residence who will help us improve essay writing skills, and in tutorials we learn interview and presentation skills."

Tharani Abeysekera
BSc Biology

How we teach

Making sure you have an understanding of how research is done and how to judge reliable knowledge is at the heart of our teaching. We combine lectures based on our world-leading research with small group tutorials, lab and field research practicals, projects and critical reviews.

Every student gets the support and encouragement they need to achieve their best work.

Core modules cover everything from cells and genetics to biodiversity, sustainability and biotechnology. Specialist topics include animal behaviour, evolution, ageing, wildlife conservation and agricultural biotechnology. You can even take modules in microbiology, biochemistry and human disease.

Fieldwork

You'll have the option to go on a two-week field course. Destinations include the Peak District National Park, Anglesey, Ireland, Arctic Sweden, the Mediterranean or tropical Malaysian Borneo.

Our facilities

Our students get to use our state-of-the-art facilities which include modern tools for DNA and biomolecular analysis, controlled environment chambers to simulate any past, present or future climate, experimental gardens and ponds, and extensive computer resources for simulations.

Biology – BSc or MBiolSci

The four-year MBiolSci adds an extra year of advanced research training, embedding you in one of our research labs. This year upgrades your degree to Master of Biological Science. You'll develop and carry out a research project with world-leading scientists on a topic that matches your interests.

Biology with a Year Abroad – BSc or MBiolSci

You'll spend your second year studying biology at another top university in the USA, Canada, New Zealand, Australia, Singapore or Hong Kong, gaining first-hand knowledge of ecosystems and organisms in your chosen region. This unique three-year course doesn't add a year to your studies, with your year abroad counting towards your degree classification. You'll also pay reduced fees during your year abroad.

Biology with Placement Year

Both our BSc and MBiolSci Biology with Placement Year degrees allow you to do a year long, paid work placement between your second and third year as a recognised part of your studies. A placement is a great way to gain valuable work experience and learn new skills to make you stand out in the graduate jobs market and you'll pay reduced fees for the year you're on placement. Our students have worked in industry, charities and academia with placements ranging from zoo conservation to chocolate research.

Placements aren't guaranteed – it's your responsibility to secure one but we'll do everything we can to help.

Biosciences with Foundation Year

If you want to study biology but don't meet our standard entry requirements, our foundation year could be for you. After successfully completing the one-year programme, you'll progress onto the first year of your chosen bioscience degree.

For more information about our foundation year, see page 197 or visit **www.sheffield.ac.uk/sefy**

What our graduates do

Our graduates work in business, IT, consulting, sustainability, museums, banking, agriculture and health. They also work in biodiversity conservation for local and national governments, charities, wildlife trusts and other non-governmental organisations (NGOs). Many go on to do PhDs.

UCAS Code	Course	A Level	IB	BTEC	Additional information
BSc(Honours)					
C100	**Biology**	AAA–AAB	36–34	Only considered when combined with other qualifications	Including two Science subjects at A Level or IB Higher Level grade 6 GCSE Maths grade 4 or C
C101	**Biology with a Year Abroad**				
C105	**Biology with Placement Year**				
MBiolSci(Honours)					
C109	**Biology**	AAA	36	Only considered when combined with other qualifications	Including two Science subjects at A Level or IB Higher Level grade 6 GCSE Maths grade 4 or C
C10C	**Biology with a Year Abroad**				
C104	**Biology with Placement Year**				
Foundation Year					
C900	**Biosciences with Foundation Year**	BBC	31	DDM	Including a Science subject at A Level or IB Higher Level grade 5 GCSE Maths grade 6 or B A Level General Studies is not accepted

Subject requirements: acceptable Science subjects include Biology/Human Biology, Chemistry, Physics, Psychology, Mathematics, Computer Science, Geology, Statistics, Geography, Economics and Environmental Science/Studies. As well as the above Foundation Year will also accept Further Mathematics.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
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Biosciences with Foundation Year	Page 197
Ecology and Conservation Biology	Page 93
Materials Science and Engineering (Biomaterials)	Page 135
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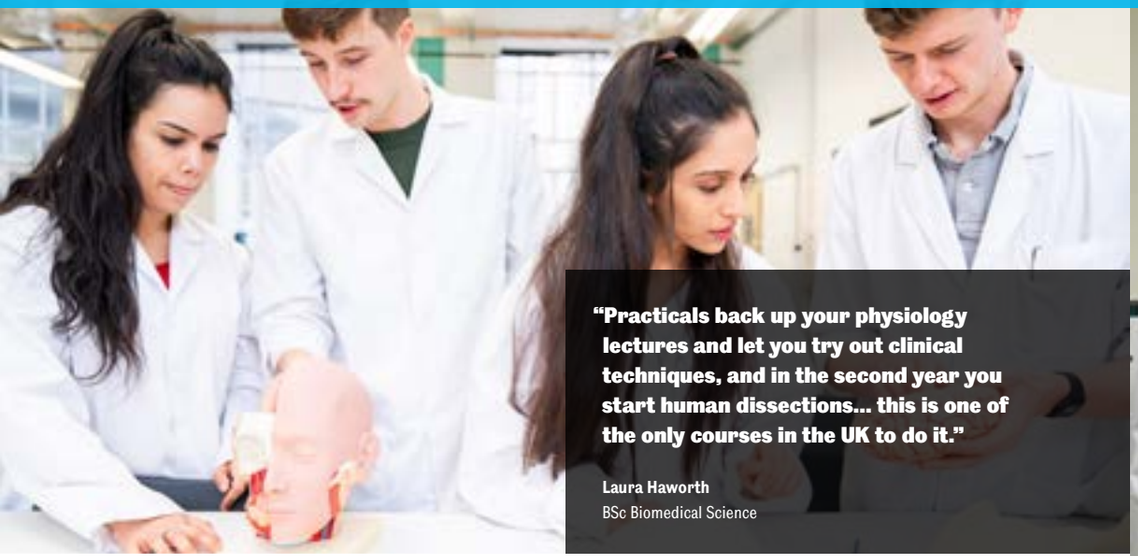

"Practicals back up your physiology lectures and let you try out clinical techniques, and in the second year you start human dissections... this is one of the only courses in the UK to do it."

Laura Haworth
BSc Biomedical Science

Biomedical Science

www.sheffield.ac.uk/bms
bmsadmissions@sheffield.ac.uk
+44 (0)114 222 2319

Typical A Level requirements

Direct entry	Foundation year
AAA–AAB	**BBC**

Additional opportunities

- **Year in industry**
- **Study abroad**

1st in the UK for medical research excellence
Research Excellence Framework 2014

UK top five for overall satisfaction for subjects allied to medicine
National Student Survey 2019

UK top 10 for biological sciences
The Times and Sunday Times Good University Guide 2020

Biomedical science is devoted to understanding the human body and our ability to control it during health and disease.

Teaching

You'll be taught by leading scientists who are respected experts in their chosen fields. Cutting-edge research takes place in our department, and there are opportunities for you to get involved. Our research-led teaching ensures you'll gain knowledge and understanding from the forefront of modern biology. The extensive research infrastructure, including advanced microscopy and sophisticated molecular screening facilities, is integrated into our teaching.

The timetable is a mixture of lectures, practical classes, projects and tutorials. To enhance your experience, there's a virtual learning environment with interactive course materials. Throughout your course, you'll have a personal tutor to give you advice and guidance.

Course structure

We want you to graduate with a thorough understanding of the genetic and molecular processes that underpin the development, structure and function of the human body in health and disease. You'll work from the level of the gene up to the integration of whole body systems. The first two years give you a grounding in the molecular and cellular basis of life.

You'll have the opportunity to carry out human dissection, supervised by a member of staff. In your third year, you'll specialise in key areas such as anatomy, physiology, developmental and cell biology, and neuroscience. In the fourth year of the MBiomedSci degree you'll develop advanced research skills. You'll work on an extended project in a research laboratory. You'll also explore areas such as ethics, the law and the public understanding of science.

Spend a year in industry

Year in Industry degrees allow you to do a year-long, paid work placement between your second and third year as a recognised part of your studies. Spending a year in industry is a great way to get valuable work experience and learn new skills to make you stand out in the graduate jobs market.

These placements range from research and laboratory based positions through to clinical development, regulatory affairs and marketing. Each year, our students work for global pharmaceutical companies including Eli Lilly, Pfizer and GlaxoSmithKline in roles such as translational neuroscientist and associate clinical data scientist, or in the fast-moving consumer goods sector for organisations like Jacobs Douwe Egberts.

Spend a year abroad

On the Year Abroad degree you'll spend your third year at one of our partner universities. You'll take approved modules in biomedical-related areas, and, subject to approval, you'll have the opportunity to take modules in other areas such as business.

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Biosciences with Foundation Year

If you want to study biomedical science but don't meet our standard entry requirements, our foundation year could be for you. After successfully completing the one-year programme, you'll progress onto the first year of your chosen bioscience degree.

For more information about our foundation year, see page 197 or visit **www.sheffield.ac.uk/sefy**

What our graduates do

Many are employed in the biomedical research, biotechnology and pharmaceutical industries. Others choose further study, completing PhDs and masters courses in the biosciences, or in areas such as medicine, veterinary science, physiotherapy and teaching. Our students have also gone on to careers in the scientific civil service, the NHS, the software sector, medical communication and management. Others have launched their own businesses.

UCAS Code | Course		A Level	IB	BTEC	Additional information
MBiomedSci(Honours)					
B909	**Biomedical Science**	AAA	36	Only considered when combined with other qualifications	Including two Science subjects at A Level or IB Higher Level grade 6 GCSE Maths grade 4 or C
B911	**Biomedical Science with a Year in Industry**				
BSc(Honours)					
B900	**Biomedical Science**	AAB	34	Only considered when combined with other qualifications	Including two Science subjects at A Level or IB Higher Level grade 6,5 GCSE Maths grade 4 or C
B902	**Biomedical Science with a Year in Industry**				
B901	**Biomedical Science with a Year Abroad**	AAA	36		Including two Science subjects at A Level or IB Higher Level grade 6 GCSE Maths grade 4 or C
Foundation year					
C900	**Biosciences with Foundation Year**	BBC	31	DDM	Including a Science subject at A Level or IB Higher Level grade 5 GCSE Maths grade 6 or B A Level General Studies is not accepted

Subject requirements: acceptable Science subjects include Chemistry, Biology/Human Biology, Physics, Psychology, Mathematics, Further Mathematics and Geography. As well as the above Foundation Year will also accept Computer Science, Geology, Statistics, Economics or Environmental Science/Studies. General Studies is not accepted.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
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Biomedical Science with Foundation Year (alternative route for mature students)	Page 198
Biosciences with Foundation Year	Page 197
Genetics	Page 114

"My degree has given me the ability to view problems in an analytical and logical manner. It has taught me how to research scientific topics, plan and execute experiments and analyse data."

Sophie Davey
BSc Biomedical Science

Biosciences at Sheffield

www.sheffield.ac.uk/biosciences

Additional opportunities

- **Spend a year on a paid work placement**

UK top 10 for biological sciences
The Times and Sunday Times Good University Guide 2020

Our teaching builds on our world-leading research, working to solve some of the most pressing global challenges, from climate change and cancer to sustainability and ageing.

We offer nine, research-led bioscience degree programmes:

- Biochemistry
- Biology
- Biomedical Science
- Ecology and Conservation Biology
- Genetics
- Microbiology
- Molecular Biology
- Plant Sciences
- Zoology

All of our programmes come with options to gain additional experience beyond the three-year BSc. You can add an extra year of research experience with an integrated masters, spend a year abroad, or gain valuable work experience as a recognised part of your degree by spending a year on placement.

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Biochemistry (p54)
Investigate the structure and function of biological systems at the molecular level. You'll study enzymes, receptors, membranes, antibodies and the cellular metabolome to learn about the ways they interact and how biochemistry can be applied to major challenges affecting humanity today.

Biology (p61)
Explore the full breadth of biology, from cells, genes and physiology through to ecosystems and climate change. You'll study all scales of biology in microbes, animals, plants, humans and ecosystems to satisfy all of your interests, allowing you to tailor your degree however you like.

Biomedical Science (p64)
Devoted to investigating the human body and our ability to understand it during health and disease, our biomedical science courses cover everything from the gene to whole body systems.

Ecology and Conservation Biology (p93)
Investigate why ecosystems across the planet are under threat, and what we can do to save them. You'll learn about the interactions between humans, animals, plants and the Earth's atmosphere, covering topics such as biodiversity, climate change and environmental management.

Genetics (p114)
Analyse the genomes of organisms ranging from bacteria to plants and humans, how traits are inherited and the effects of mutations. You'll study the structure of genes, how their expression is controlled, and how the latest techniques such as high-throughput genome sequencing and gene-editing are being applied to various aspects of biology and medicine.

Microbiology (p147)
Explore the biology and ecology of microorganisms including bacteria, viruses, fungi and algae, their roles in establishing our microbiome and their effects on our health and wellbeing. You'll study the elaborate ways they colonise organisms and resist antibiotics, and the exciting possibilities they offer us for creating a sustainable environment.

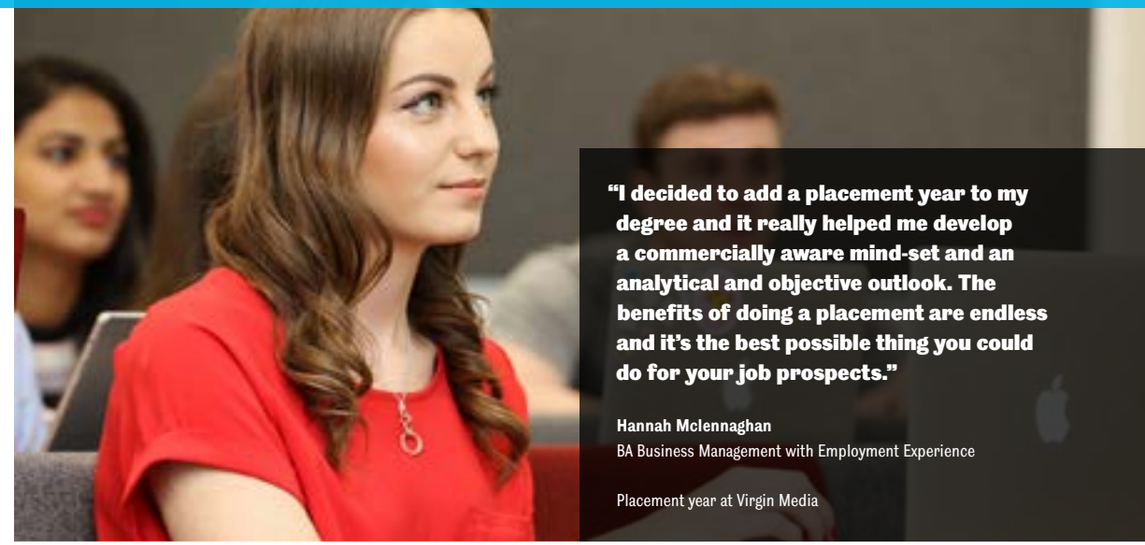
Molecular Biology (p152)
Discover the diverse range of biochemical, genetic and microbiological approaches needed to understand life at a molecular level. You'll study the interactions between the molecules and pathways that are essential to life, and the techniques used to advance biotechnology and medical research.

Plant Sciences (p168)
Explore evolution, developmental biology, photosynthesis, sustainability and disease whilst considering the role of plants in solving global food and energy shortages, and developing green technologies.

Zoology (p191)
Discover animal behaviour and animal ecology: how animals interact with their environment and each other, evolutionary biology, how animals adapt to their environment and comparative physiology – the functional characteristics of animals.

Biosciences with Foundation Year
We offer a foundation year for students who want to study biosciences but don't meet the entry requirements to go straight into the first year. So if you've studied the right subjects but haven't achieved high enough grades, or you've achieved good grades in unrelated subjects, this could be the route for you. After successfully completing the one-year programme, you'll progress onto the first year of your chosen bioscience degree.

For more information about our foundation year, see page 197 or visit www.sheffield.ac.uk/sefy



"I decided to add a placement year to my degree and it really helped me develop a commercially aware mind-set and an analytical and objective outlook. The benefits of doing a placement are endless and it's the best possible thing you could do for your job prospects."

Hannah Mclennaghan
BA Business Management with Employment Experience

Placement year at Virgin Media

Business Management

www.sheffield.ac.uk/management
management-admissions@sheffield.ac.uk
+44 (0)114 222 3376

Typical A Level requirements
AAB–ABB

Additional opportunities
- **Degree with employment experience**
- **Study abroad**

Triple Crown Accredited
(AACSB, AMBA and EQUIS)

No 1 in the north for graduate employment
The Times and Sunday Times Good University Guide 2020

We offer a combination of real-world experience, academic and research expertise, teaching excellence and a commitment to your future employability.

A world-leading management school

We're proud to have been awarded the prestigious Triple Crown accreditation from AACSB, AMBA and EQUIS. These accreditations place us within the global elite of business schools and are an endorsement of our teaching, our research excellence, the wide variety of support available for students and alumni, and our strong links with organisations and partner institutions.

Join the Management School and you'll be taught by academics who are helping to influence businesses, organisations and policy makers through their research. Our focus is on sustainable and socially responsible business, and our work is helping to make a positive impact on societies and economies, in the UK and internationally. Staff share their insights of working with organisations, bringing academic theory to life through analysis of current business issues, case studies and practical assessments.

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"I spent my year abroad at McMaster University in Ontario, Canada. The change of environment and the way modules ran took some time to get used to and adapt. However, a year abroad is not just about academic studies – it's about getting the life experience that you could never get in any classroom. I joined the McMaster International and Exchange Club (MIX) – a student-run club that really helps you to adapt and enjoy your life here."

Chris Zuika
BA International Business Management

Choosing the right course

We have two single honours courses in the subject area of business management. The first year on both courses covers key topics such as behaviour at work, accounting, quantitative methods, marketing, strategic management, business ethics, professional self-management and economics. It's from the second year that the courses start to differ in structure and content.

BA Business Management

This course offers a huge amount of flexibility after your first year which means you can really tailor the course to what you are most interested in. Modules include organisational behaviour, strategy, operations management, law, statistics, business intelligence, human resources, corporate governance, entrepreneurship, digital marketing, industrial relations, consumer psychology, creativity and innovation, and decision sciences. You can choose to specialise in a particular area of business, or keep your options open with a wide range of subjects.

Business Management is also available as a dual course with economics, mathematics or language options.

BA International Business Management with Study Abroad

Most courses with a year abroad last four years – we deliver ours in three. We've carefully chosen our partner universities so that the quality of education you receive on the year abroad is the same high quality that you get at Sheffield and – crucially – counts towards your final degree classification.

After your first year in Sheffield you spend your second year overseas at a partner university. During this year you'll study business from a truly global perspective, exploring the differences in cultures and economies and how this impacts business decisions, as well as understanding the challenges that organisations face when operating internationally. We have partners in Australia, Canada, Europe, Hong Kong, New Zealand and the USA, and no matter where you spend your year abroad, all the teaching is in English.

When you return to Sheffield for your final year you'll consolidate the knowledge gained on your year abroad with two core modules in international business and similar optional modules to the BA Business Management course.

In order to meet the requirements for the study abroad aspect of this course students must pass the first year with an average grade of 60 per cent, with no failed modules on the first attempt. At Sheffield, we believe this is what you should be aiming for anyway. Students who don't achieve this transfer to our BA Business Management course and stay in Sheffield for the second year.

Placement years

You can add a placement year (sometimes called a year in industry) to your course after you arrive at Sheffield.

Placements are taken between your second and final year of study and we add "Degree with Employment Experience" to your course title to reflect your time in the workplace.

Placements are a great opportunity for you to gain professional experience and apply what you've learned from your course to an organisation. Previous students have undertaken placements at Aldi, Boots, BMW, l'Oreal, Glaxosmithkline, IBM, Morgan Stanley, Nissan and Walt Disney.

Placements are paid and are available on our single honours and the majority of our dual honours courses. Visit **www.sheffield.ac.uk/careers/jobs/placements** to find out more.

Your future

We work with businesses and organisations to ensure the content of our courses is up-to-date and relevant, and that the skills and experience students gain meet the demands of future employers.

Career development support and advice is delivered from our Employability Hub – a dedicated service for Management School students. We're not just here to help you look for a job in your final year of study. We offer a huge array of development opportunities and support from day one to make sure you're making the most of your time at Sheffield, identifying and working on any skills gaps, gaining practical experience and understanding what you want to do when you graduate.

Recent graduates are working for Amazon, Asda, Barclays, Danone, Deloitte, E.ON, Glaxosmithkline, the National Audit Office, Unilever and Virgin Media. The flexibility of our courses means a huge range of career options is possible and employers recognise and value the practical, work-ready skills that our students develop.

UCAS Code	Course	A Level	IB	BTEC	Additional information
BA(Honours)					
N200	**Business Management**	ABB	33	DDD	GCSE Maths grade 6 or B
NL21	**Business Management and Economics**	AAB	34		Maths at A Level grade A or IB Higher Level grade 6
NG21	**Business Management and Mathematics**				
N120	**International Business Management with Study Abroad**		33		GCSE Maths grade 6 or B
NT22	**Business Management with Japanese Studies**	ABB			

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTECs should normally be in a related subject.

For more information about entry requirements or for advice on the suitability of your qualifications, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Business Management with Foundation Year (alternative route for mature students)	Page 198
Business Management and Modern Languages and Cultures	Page 149
Chinese Studies and Business Management	Page 92

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"I chose chemical engineering at Sheffield because it offered me the opportunity to apply and expand my theoretical knowledge into practical solutions."

Gionita Saldanha
MEng Chemical Engineering

Chemical Engineering

www.sheffield.ac.uk/cbe
cbe-ug@sheffield.ac.uk
+44 (0)114 222 7521

Typical A Level requirements

Direct entry	Foundation year
AAA	**BBB–BBC**

Additional opportunities

- **Study abroad**

Our courses are accredited by the IChemE and the Energy Institute.

Innovative teaching, state-of-the-art facilities and a fully accredited degree.

What is chemical engineering?

Chemical engineers conceive and design processes to produce, transform and transport materials – beginning with experimentation in the laboratory followed by implementation of the technology in full-scale production.

Chemical Engineering – BEng or MEng

Chemical Engineering is available as either a three-year BEng or a four-year MEng course. You'll learn about the design of processes and products that produce, transform or transport materials and energy. We'll develop your technical, research and problem-solving skills to give you the best start for a career in the sector of your choice. Our students go on to work in the food, fuels, medicines, plastics, energy and high-technology industries.

MEng Chemical Engineering with a Year in Industry

Between years three and four you'll go on an engineering placement in industry. You'll grow your network, put your academic studies into context and get to grips with working practice in industry, improving your skills and making you more employable. You'll be supported in finding your placement by the departmental careers team and the faculty employability team.

BEng Chemical Engineering with Industrial Experience

You'll learn about the design and operation of processes for making a wide range of products on which everyone's standard of living depends. These include food, fuels, medicines, plastics and the basic materials for high technology industries. Between years two and three you'll take a paid placement in the chemical engineering industry, which will put your academic studies into context and improve your skills and employability.

MEng Chemical Engineering with Energy

On this course you will take specialised modules dealing with the supply, production, transport storage and use of energy. You'll study ways of reducing energy use and approaches to developing efficient and clean energy systems.

MEng Chemical Engineering with Pharmaceutical Engineering

This course focuses on challenges in pharmaceutical manufacturing and human health. You'll have access to our pilot-scale continuous powder processing plant for hands on experience of cutting-edge industrial processes.

MEng Chemical Engineering with Biological Engineering

This course focuses on the interface between engineering and the molecular biosciences and engineering with molecules. Graduates in this area will be equipped to work across a range of sectors including healthcare, food and beverages and pharmaceuticals.

MEng Chemical Engineering with Nuclear Technology

Our nuclear technology course equips you for a future in the nuclear industry. You'll study areas such as nuclear reactor engineering, waste disposal and nuclear energy. Graduates go on to work for specialist companies in the sector such as Sellafield, or in other chemical engineering roles.

MEng Chemical Engineering with a Year in Australasia

This course will allow you to spend the third year of your degree studying at one of our partner institutions in Australia or New Zealand. With support and guidance from us, you'll choose modules from their curriculum. You'll also carry out an in-depth research project, before returning to Sheffield in the fourth year.

Chemical Engineering with a Foundation Year

If you want to study with us but don't meet our standard entry requirements, our foundation year could be for you. You'll learn the fundamentals of maths, physics and engineering in a variety of innovative ways to prepare you for your degree.

For more information about our foundation year, see page 197 or visit **www.sheffield.ac.uk/sefy**

Professional accreditation

We're accredited by the IChemE and the Energy Institute, putting you ahead on the path to chartership.

Do you like a challenge?

In your first year, you'll face our Global Engineering Challenge. Working as part of a team with students from other engineering disciplines, you'll come up with creative solutions to real-world engineering problems, developing skills such as teamwork, negotiation and time management.

In year two you'll work on an employability-focused interdisciplinary group project. In your third year, as part of a team, you'll design a chemical plant, building on the design skills you'll have developed during the first two years. You'll have input from industrial partners such as Nestlé, GlaxoSmithKline, Procter & Gamble, and BASF.

The Diamond

You'll be taught in the Diamond, one of the very best teaching spaces in the UK. Here you'll find the pilot plant. This unique facility provides you with a safe environment to apply what you learn in lectures, tutorials and labs on larger scale process equipment through hands-on experimentation.

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You can also integrate simulations and practical activities using our world-class control systems and state-of-the-art software.

The control room will simulate an industrial plant with industry standard software. Using this you'll be able to change operating parameters and observe the response, collecting data as you do so.

You'll also have the opportunity to carry out virtual experiments using the simulation software, giving you experience of the breadth of practical industrial chemical engineering processing.

What our graduates do

Our graduates work in sectors including chemicals, consumer goods, oil and gas, consultancy, pharmaceuticals, energy, water, food and beverages, materials, process plant and equipment, biotechnology and the nuclear industry.

We produce chemical engineers equipped to work in industrial teams designing and operating new processes. Our recent graduates are working for global companies including BASF, Cargill, Johnson Matthey, GlaxoSmithKline, BOC, Shell, EDF, Total Lindsey and Sellafield.

UCAS Code	Course	A Level	IB	BTEC	Additional information
MEng(Honours)					
H800	**Chemical Engineering**	AAA	36	Only considered when combined with other qualifications	Maths and a second Science or Technology subject at A Level or IB Higher Level grade 6 A Level General Studies and Critical Thinking not accepted
H840	**Chemical Engineering with Energy**				
H8F2	**Chemical Engineering with Pharmaceutical Engineering**				
H8J7	**Chemical Engineering with Biological Engineering**				
H990	**Chemical Engineering with Nuclear Technology**				
H804	**Chemical Engineering with a Year in Industry**				
H860	**Chemical Engineering with a Year in Australasia**				
BEng(Honours)					
H810	**Chemical Engineering**	AAA	36	Only considered when combined with other qualifications	Maths and a second Science or Technology subject at A Level or IB Higher Level grade 6 A Level General Studies and Critical Thinking not accepted
H811	**Chemical Engineering with Industrial Experience**				
Foundation Year					
H801	**Chemical Engineering with a Foundation Year**	BBB–BBC	32–31	DDD	Dependent on subjects studied Minimum GCSE Maths and Science grade 6 or B A Level General Studies and Critical Thinking not accepted

Subject requirements: second Science or Technology subjects include Biology/Human Biology, Chemistry, Computer Science, Electronics, Environmental Science, Further Maths, Physics, Technology & Design and Design & Technology, including Textiles, Food Production, Product Design, Systems and Control Technology.

English language requirements: see page 209.

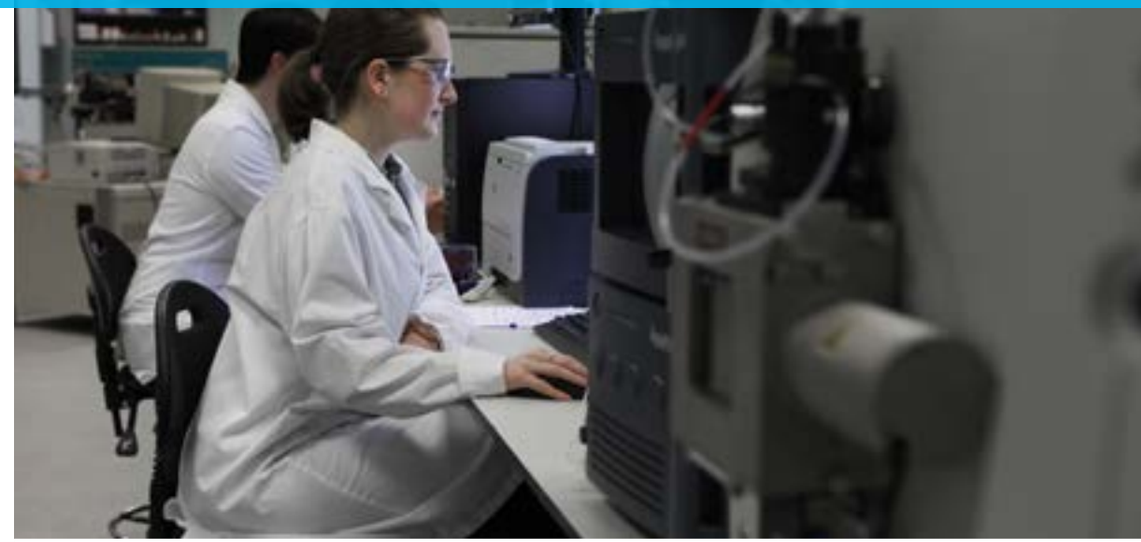
Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Chemistry	Page 175
General Engineering (MEng/BEng)	Page 112
Materials Science and Engineering	Page 135



Chemistry

www.sheffield.ac.uk/chemistry
chemistry-admissions@sheffield.ac.uk
+44 (0)114 222 9500

Typical A Level requirements

Direct entry	Foundation year
AAB	**BBC**

Additional opportunities

- **Study abroad**
- **Year in industry**

Russell Group top 10 for overall satisfaction

National Student Survey 2019

Four Nobel Prize winners have worked or studied in our department.

World-class training in chemistry to help solve global challenges – from antibiotic resistance to plastic waste.

The biggest topics in chemistry

Our chemistry courses empower you to understand the world at the molecular level. You'll cover all the fundamentals skills and knowledge you need to discover how chemists are developing innovative new technologies and vital treatments for disease. Environmental and sustainable chemistry is a central theme of our courses. Learn how chemists can help solve the global energy crisis, increase food production and reduce plastic waste.

Professional accreditation

All of our courses are accredited by the Royal Society of Chemistry, which means you'll cover all of the organic, inorganic, physical and analytical chemistry that a professional chemist needs to know.

Scholarships

You will be awarded an Undergraduate Research Scholarship to fund a summer research placement if you get AAA or above at A Level, or equivalent, and maintain an average grade of 70 per cent or higher.

Practical training

You'll spend one day a week in the laboratory in first year; two days a week in the second and third years. If you do a MChem course, you'll join one of our research groups in your final year, and spend most of your time working in a team of research scientists.

Chemistry – BSc or MChem

These courses are our most flexible. After your first two years, you'll have the choice of lots of optional modules, including chemical biology, sustainable chemistry and chemistry in space. There are more than 14,000 different combinations, and every module has been designed to give you skills and experience that you can put on your CV.

Chemistry with a Year in Industry – BSc or MChem

Spend a year working on a research and development project at a leading company, such as GSK, Astrazeneca, Unilever, Dow, Merck and Lubrizol. You'll get even more experience to put on your CV as you use your knowledge and skills to help solve real-world problems. Students on this course are paid by their employers during the placement year, and are often offered a graduate level job when their placement finishes.

Chemistry with Study Abroad

Study chemistry at a major university in the USA, Canada, Australia or New Zealand. This opportunity to live in another country for a year, experience a different education system, and build an international network of friends, will broaden your horizons, develop your independence and give you extra experience for your CV.

Chemistry with Biological and Medicinal Chemistry – BSc or MChem

This specialist course has been designed to prepare you for the growing demands of the healthcare sector and pharmaceutical industry. Alongside essential chemistry topics, you'll study drug design, drug discovery and more. You'll also be trained on the industry-standard commercial software used by scientists to develop new pharmaceuticals.

What our graduates do

Our courses give our students skills including problem solving, team working, fact-finding, data analysis, critical thinking, communication and project management. This leads them into careers in the chemical industry, scientific research and fields outside science such as computer programming, teaching and finance. Sheffield chemistry graduates work for top employers like GSK, Unilever and PwC.

UCAS Code	Course	A Level	IB	BTEC	Additional information
MChem(Honours)					
F105	**Chemistry**	AAB	34	DDD	Chemistry at A Level or IB Higher Level grade 6 GCSE Maths grade 6 or B
F106	**Chemistry with a Year in Industry**				Including A in A level Chemistry or IB Higher Level grade 6 GCSE Maths grade 6 or B
C720	**Chemistry with Biological and Medicinal Chemistry**				Chemistry at A Level or IB Higher Level grade 5 GCSE Maths grade 6 or B
F110	**Chemistry with Study Abroad**				Including A in Chemistry A Level or IB Higher Level grade 6 GCSE Maths grade 6 or B
BSc(Honours)					
F100	**Chemistry**	AAB	34	DDD	Chemistry at A Level or IB Higher Level grade 5 GCSE Maths grade 6 or B
F112	**Chemistry with Biological and Medicinal Chemistry**				
F111	**Chemistry with a Year in Industry**				
Foundation Year					
F102	**Chemistry with a Foundation Year**	BBC	31	DDM	Including Chemistry at A Level or IB Higher Level grade 5 GCSE Maths Grade 6 or B

Subject requirements: A Level General Studies and Critical Thinking are not accepted.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

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Civil and Structural Engineering

www.sheffield.ac.uk/civil
civilugadmissions@sheffield.ac.uk
+44 (0)114 222 5738

Typical A Level requirements

Direct entry	Foundation year
AAA	**BBB–BBC**

Additional opportunities

- **Degree with a year in industry**
- **Study abroad**

UK top 10 for civil engineering

The Times and Sunday Times Good University Guide 2020
The Complete University Guide 2020

Rigorous, intensive courses taught by leading academics and industry experts.

What is civil engineering?

Civil engineering is at the forefront of improving the way we live. Whether it's providing the facilities that keep our day-to-day lives running smoothly – from roads and railways to clean water supplies – or working to meet the ever-changing needs of our society in the areas of sustainability, renewable energy and climate change, you'll be helping to create and protect the world we live in.

Civil engineering at Sheffield

Our courses will make you the kind of engineer the world needs right now; forward-thinking, interdisciplinary, environmentally conscious, and capable of the kind of complex thinking our rapidly changing society needs. Wherever you choose to start your career, you'll be in demand.

Strong links with industry

Our industry partners and industry-trained university teachers contribute to teaching through lectures, design classes, projects and site visits. We work with leading consultants, contractors and specialist civil engineering companies to provide industrial opportunities for a number of students each year. We also have industrial tutors and professionals who mentor our first-year students.

Accreditation

All our courses 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.

MEng Structural Engineering and Architecture is accredited by the Royal Institute of British Architects, and our Architectural Engineering course is accredited by the Institution of Mechanical Engineers and the Chartered Institution of Building Services Engineers.

The four-year MEng courses meet all the academic requirements for Chartered Engineer status. If you take the three-year BEng, you'll have to complete some further learning before you can qualify as a Chartered Engineer.

Civil Engineering

If you're not sure which area of civil engineering you want to go into, this broad course is a good choice. The course is the same as the MEng Civil and Structural Engineering in years one and two, concentrating on the core disciplines of structural engineering, water infrastructure engineering, fluid mechanics and geotechnical mechanics, from both an analysis and a design perspective.

The second half of the course will allow you to focus on more specialised and advanced water engineering areas such as coastal engineering, groundwater engineering, fluid dynamics, flood risk, sustainable drainage and water resource systems. You'll also do an independent research project.

Civil and Structural Engineering

This course is identical to Civil Engineering in years one and two. The second half of the course introduces structural engineering modules, including structural analysis, earthquake engineering and advanced geotechnical design. Structures are increasingly designed using computers so you'll be given instruction on how to use state-of-the-art structural analysis software. You'll also get a thorough grounding in the underlying physical and mathematical principles on which the software is based. Your final year includes an individual research project and advanced structural modules.

Civil Engineering with a Modern Language

Study the language and culture of France, Italy, Germany or Spain alongside the main disciplines of civil engineering. You'll spend your third year studying civil engineering at a top university in your chosen country, returning to Sheffield for your fourth year.

Structural Engineering and Architecture

This dual course covers the essentials of both disciplines, so you could become an architect or an engineer. The course allows the parallel development of architectural and engineering skills in an integrated manner. The unique understanding of two disciplines makes you a very valuable and highly employable graduate. The course provides sufficient architecture content to meet RIBA Part I requirements.

Architectural Engineering

There is an increasing demand for building systems engineers who can provide multi-disciplinary skills at the interface of engineering and architecture. This course combines subjects from all of the engineering disciplines associated with buildings and their infrastructure, as well as providing an understanding of architectural thinking and practice.

Civil Engineering with a Foundation Year

If you want to study with us but don't meet our standard entry requirements, our foundation year could be for you. You'll learn the fundamentals of maths, physics and engineering in a variety of innovative ways to prepare you for your degree.

For more information about our foundation year, see page 197 or visit **www.sheffield.ac.uk/sefy**

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The Integrated Design Project

The Integrated Design Project is a feature of all our undergraduate courses. The project encourages you to unleash your creativity on a grand scale by devising plans for an entire urban regeneration project based on a real site in Sheffield. You'll investigate new design methods and construction materials while developing detailed designs such as elegant bridges, sustainable and environmentally-sensitive multi-storey buildings, or state-of-the-art sports venues. It'll give you invaluable project experience and a feel for the kind of issues you may encounter in your career.

Year in industry courses

You'll have the opportunity to spend a year working in a civil or structural engineering company. This industrial experience could be on site, in an office or a combination of both. You'll be able to put your academic studies into context and improve your skills and employability.

What our graduates do

Our graduates work all over the world, from the UK to Australia and the USA. Recent graduates have gone on to work for AECOM, Arup, Atkins, Buro Happold, Eastwood & Partners, and Kier.

UCAS Code	Course	A Level	IB	BTEC	Additional information
MEng(Honours)					
H200	**Civil Engineering**	AAA	36	Only considered when combined with other qualifications	Maths at A Level or IB Higher Level grade 6 A Level General Studies and Critical Thinking not accepted
2H26	**Civil Engineering with a Year in Industry**				
H210	**Civil and Structural Engineering**				
8L55	**Civil and Structural Engineering with a Year in Industry**				
HK2D	**Architectural Engineering**				
2G91	**Architectural Engineering with a Year in Industry**				
H2T9	**Civil Engineering with a Modern Language**				Maths at A Level or IB Higher Level grade 6 A Level General Studies and Critical Thinking not accepted GCSE grade 7 or A in a modern foreign language
HK21	**Structural Engineering and Architecture**				Maths at A Level or IB Higher Level grade 6 plus a portfolio A Level General Studies and Critical Thinking not accepted
BEng(Honours)					
H202	**Civil Engineering**	AAA	36	Only considered when combined with other qualifications	Maths at A Level or IB Higher Level grade 6 A Level General Studies and Critical Thinking not accepted
8T63	**Civil Engineering with a Year in Industry**				
Foundation Year					
H201	**Civil Engineering with a Foundation Year**	BBB–BBC	32–31	DDD	Dependent on subjects studied Minimum GCSE Maths and Science grade 6 or B A Level General Studies and Critical Thinking not accepted

Subject requirements: GCSE Physics, dual award Science or additional Science at grade B or 6 will be accepted where these subjects are not offered at A/AS Level or IB Standard or Higher Level.

English language requirements: see page 209.

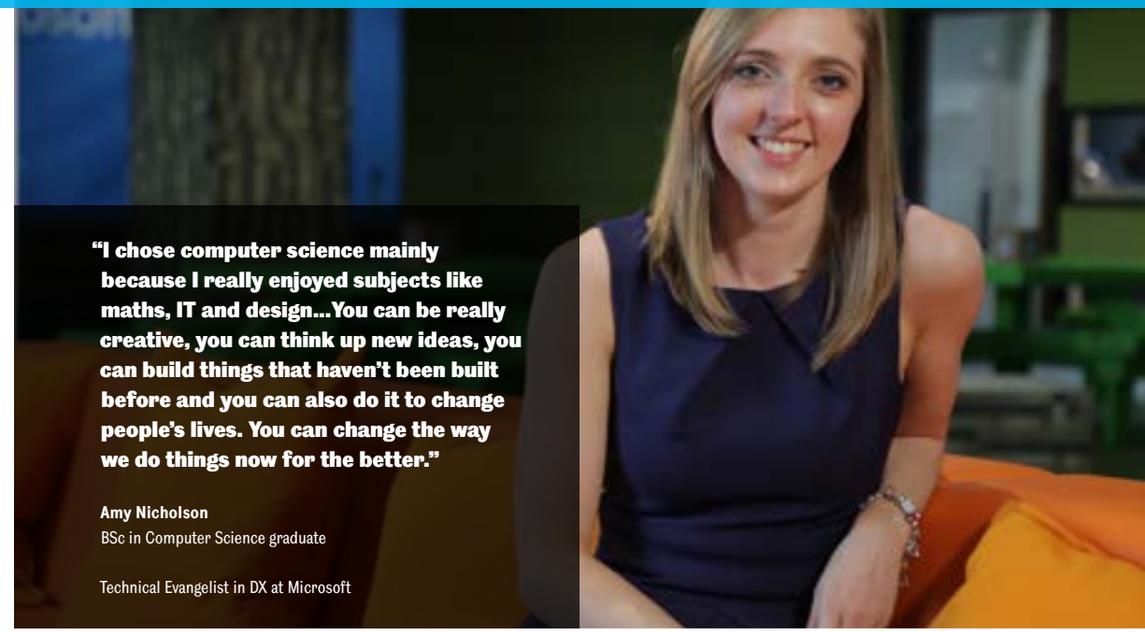
Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Architecture	Page 49
General Engineering (MEng/BEng)	Page 112



"I chose computer science mainly because I really enjoyed subjects like maths, IT and design...You can be really creative, you can think up new ideas, you can build things that haven't been built before and you can also do it to change people's lives. You can change the way we do things now for the better."

Amy Nicholson
BSc in Computer Science graduate

Technical Evangelist in DX at Microsoft

Computer Science

www.sheffield.ac.uk/dcs
ug-compsci@sheffield.ac.uk
+44 (0)114 222 1800

Typical A Level requirements

Direct entry **AAA–AAB**

Foundation year **BBB–BBC**

Additional opportunities

- **Study abroad**

90% overall satisfaction
National Student Survey 2019

UK top five for computer science research
Research Excellence Framework 2014

Outstanding teaching, real business experience and the UK's longest-running student-led software development organisation.

Outstanding teaching

We were the first computer science department in the UK to launch its own student-led software-development organisation. Choose Sheffield and you'll develop skills in programming, teamwork, communication, systems design, management and entrepreneurship.

Our courses are designed to challenge you and prepare you for a career in industry, commerce, research, teaching or management. Our inspirational staff are experts in their fields and we are ranked fifth out of 89 computer science departments in the UK for research excellence. This means what we teach you is relevant today and tomorrow.

We have guest lecturers from industry including Microsoft, Google, GitHub, IBM and ARM. You will have access to cutting edge facilities in The Diamond including virtual reality facilities, high-spec graphics PCs and a robot arena. Our computer suites are

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equipped with the latest hardware, software and operating systems. During your degree you'll work on real projects for real customers as part of core and optional modules.

As well as lots of practical experience, we'll give you the first-rate scientific grounding you'd expect from a leading Russell Group research university. You can specialise in areas including computer security, web development and mobile apps, robotics and machine learning, speech and language technology, or 3D graphics and virtual reality.

The UK's longest-running student-led software development organisation

Take one of our four-year MComp degrees and you can participate in Genesys as part of your course. Genesys was the first student-led software development organisation in the UK and will give you the opportunity to gain real industrial experience with a great deal of personal responsibility.

Professional accreditation

Our degrees are accredited by the BCS – The Chartered Institute for IT – who can award the following professional qualifications: Chartered Information Technology Professional (CITP) and Chartered Engineer (CEng). All of our degrees meet the requirements for CITP. MEng/MComp degrees also meet the requirements for CEng status. BSc/BEng programmes only partially fullfil the requirements for CEng status, requiring further work to fully qualify.

BSc/MComp Computer Science

Learn how to understand the theoretical issues underlying a problem and how to engineer a solution. You can experiment with speech recognition, voice synthesis, text summarisation, machine translation, robot learning and control, computational biology or virtual reality.

BSc/MComp Artificial Intelligence and Computer Science

The course focuses on biologically inspired machine algorithms, their relationship to living biological intelligence and the nature of consciousness itself. Some modules overlap with the computer science degree so you get a solid grounding in the fundamentals.

A year in industry

You can enhance your career prospects even further by taking one of our degrees with a year in industry. You will undertake your industrial placement between the second and third years of study (this can also be done between the third and fourth years of study in the case of our four-year MComp courses). As well as being paid a salary during your placement you will pay reduced tuition fees for that year.

MComp Computer Science with a Foundation Year

If you want to study with us but don't meet our standard entry requirements, our foundation year could be for you. You'll learn the fundamentals of maths, physics and engineering in a variety of innovative ways to prepare you for your degree.

For more information about our foundation year, see page 197 or visit www.sheffield.ac.uk/sefy

What our graduates do

Some of our graduates have gone on to become IT consultants, software engineers, software developers, project managers and data scientists in companies such as Amazon, ARM, BT, Bank of America Merrill Lynch, Goldman Sachs, Google, IBM, Microsoft, and Plusnet. Others have gone on to PhDs and research careers.

Our student societies

As a student in the Department of Computer Science you can get involved with our student societies: CompSoc, Sheffield Women in Computer Science and HackSheffield. You will have the opportunity to attend tech talks, compete in hackathons and programming competitions, take part in outreach activities and go out on socials.

UCAS Code | Course		A Level	IB	BTEC	Additional information
MComp(Honours)					
G400	**Computer Science**	AAA–AAB	36–34	Only considered when combined with other qualifications	Dependent on subjects studied Maths at A Level or IB Higher Level grade 6
G404	**Computer Science with a Year in Industry**				
G700	**Artificial Intelligence and Computer Science**				
G704	**Artificial Intelligence and Computer Science with a Year in Industry**				
BSc(Honours)					
G402	**Computer Science**	AAA–AAB	36–34	Only considered when combined with other qualifications	Dependent on subjects studied Maths at A Level or IB Higher Level grade 6
G403	**Computer Science with a Year in Industry**				
GG74	**Artificial Intelligence and Computer Science**				
GG75	**Artificial Intelligence and Computer Science with a Year in Industry**				
Foundation Year					
G401	**Computer Science with a Foundation Year**	BBB–BBC	32–31	DDD	Dependent on subjects studied Minimum GCSE Maths and Science grade 6 or B A Level General Studies and Critical Thinking not accepted

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
General Engineering (MEng/BEng)	Page 112
Software Engineering	Page 184

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"Sheffield's approach to learning encourages me to reach my full potential. The well balanced curriculum enables me to apply theoretical knowledge to my clinical practice. With exceptional support networks, I have been able to develop both personally and professionally. Studying at Sheffield has been the best decision for me."

Bradley Wilson
Diploma in Dental Hygiene and Dental Therapy

Dental Hygiene and Dental Therapy

www.sheffield.ac.uk/dentalschool
dhdtadmissions@sheffield.ac.uk
+44 (0)114 222 9384

Additional opportunities

- **Course with employment experience**

100% overall student satisfaction
National Student Survey 2019

We seek to select students with values and behaviours which align with the NHS Constitution.

Outstanding teaching and one of the best placement programmes in the UK.

Professional accreditation

If you're interested in biological and health sciences and want to make a difference with a career in health, our course may be for you. Our 27-month Higher Education Diploma enables you to graduate with a professional qualification accredited by the General Dental Council.

Teaching excellence

Our teaching is driven by world-class research. You'll learn about the new techniques and advances that are rapidly taking place in the field of dentistry. Throughout the course we'll teach you the theory alongside the clinical practice, so you'll develop an understanding of the science behind the clinical application.

We believe in training the dental team as a whole, so you'll learn together with dental students in a way that prepares you better for practice.

Our students find the course provides them with opportunities to explore ideas, apply what they have learnt and to achieve their best. This is reflected in the National Student Survey where we have achieved 100 per cent overall student satisfaction for five years running.

Our combination of world-class research, integrated teaching, first-class facilities and significant clinical experience produces well-rounded dental professionals.

The best placements

We send all our second-year students on a series of placements in primary care settings in Yorkshire and the East Midlands.

It's one of the most rigorous placement programmes in the UK. You'll work in a variety of dental practices and contribute to primary care dentistry within a community. It will sharpen your skills, expose you to a wide range of patient types and procedures, and give you a head start in your career.

First year

The course begins with a range of lectures, seminars, interactive tutorials and shadowing on clinics. Topics covered include the human body in health and disease, and law, ethics and professionalism. We'll also introduce you to a variety of study skills to help you thrive at University. You'll begin clinical skills training straight away so you can start to treat and manage patients. You'll learn about oral disease and health promotion and education. You'll also benefit from our 3D simulation suite where you can practise dentistry in a virtual reality environment.

Second/third year

The second year is mainly clinical. Alongside our primary care placement programme, you'll treat your own patients and work in specialist departments within the dental hospital, including paediatric dentistry, implantology, oral surgery and radiography. We'll also give you the skills to treat patients directly without a dentist's prescription.

You'll plan and deliver your very own scheme to promote the oral health of a targeted group of people. This is an exciting opportunity to make a real impact, with previous schemes developed in primary schools and residential care homes. Towards the end of your course you'll focus on important workplace issues to give you the best possible start to your career.

NHS policies

When you undertake clinical training in NHS hospitals you must adhere to local NHS policies including guidelines on behaviour and dress and the need to be 'bare below the elbow'.

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Disclosure and Barring Service

All applicants are required to undergo a Disclosure and Barring Service (DBS) Enhanced Disclosure check. For further information, see page 209.

Health clearance

To comply with Department of Health requirements, you must be health screened and immunised, as appropriate, before you can treat patients. This includes checking that you're not an infectious carrier of hepatitis B, hepatitis C or HIV and that you do not have tuberculosis. A positive test doesn't necessarily exclude you from dental hygiene and dental therapy training. For more information, see: **www.sheffield.ac.uk/dentalschool/clinical-requirements**

You'll also need to demonstrate immunity to hepatitis B to complete your training in Sheffield so it is important that you know as early as possible, ideally before the September application deadline, whether you do have this immunity. We suggest you consult your GP now as they may be able to offer you this vaccination. Your GP may charge you for this. You should also let us know about any serious health issues or support requirements you have. We can then assess your suitability for the course and for your future profession, providing appropriate support where necessary.

What our graduates do

Our graduates can register with the General Dental Council and work in dentistry as dental hygienists and dental therapists. Career opportunities exist in local NHS and private dental practices, hospital services, community dental services and the Ministry of Defence. Others go on to research and teaching roles within universities or hospital trusts. There are also opportunities within multinational organisations which specialise in healthcare and pharmaceutical products. You may even consider topping up your qualification to a degree, studying for a postgraduate qualification, or studying to become a dentist.

Sheffield University Dental Student Society (SUDSS)

Through sports, volunteering opportunities, careers talks and socials, SUDSS aims to make your University experience as positive as possible.

Diploma

Dental Hygiene and Dental Therapy

How to apply

Entry is usually in April. Please apply directly through the School of Clinical Dentistry, not through UCAS. The closing date for applications is usually around September.

Typical entry requirements

Any changes to course provision may affect our entry requirements.

- A minimum of five GCSEs at grade 4 or grade C to include Mathematics, English Language and a Science subject.

Plus one of the following:

- Level 3/4 Dental Nurse Qualification plus 1 A Level in a relevant Science subject (preferably Biology) at grade C
- Level 5/6 Dental Nurse Qualification
- 2 A Levels to include one in a relevant Science subject (preferably Biology) at grades CC
- BTEC National Diploma at grade MM including 90 credits or 540 GLH of relevant Science subjects (preferably Biology) at grade M
- Access to Higher Education Diploma (60 credits with 45 at Level 3 at grade Merit including 36 Level 3 credits in relevant Science units (preferably Biology) at grade Merit. An Access to HE Diploma can be used in lieu of some GCSEs. However, you must still have GCSE grade 4 or C in Maths, English language and a Science
- A degree in a relevant Science subject at 2:2

For further details of our entry requirements, please see our website.

We will consider other national and international qualifications on an individual basis. If your qualifications aren't listed here please contact us to discuss your application.

We seek to select dental students with values and behaviours which align with the values of the NHS Constitution.

If your first language isn't English you may need to take a language test – for example IELTS 7.0 with 6.5 in each component.

Dental Surgery

www.sheffield.ac.uk/dentalschool
dental.admissions@sheffield.ac.uk
+44 (0)114 222 9307

Typical A Level requirements

AAA

Additional opportunities

- **Degree with employment experience**

We select dental students with values and behaviours that align with the NHS Constitution.

Our programme is designed to enable you to become a caring, confident professional who puts the interests of their patients first at all times.

Our course is divided into nine integrated themes. Throughout the course we aim to teach you theory alongside clinical practice so you'll develop an understanding of dental science and its clinical application. You'll learn the value of evidence-based dentistry and how to apply it to clinical practice.

We believe in training the whole dental team together, so you'll learn with dental hygiene and dental therapy students in a way that prepares you for practice.

Year 1

The Human Body and The Oral Cavity in Health and Disease

These themes introduce you to the structure and function of the human body and of a healthy mouth. Your learning is enhanced by use of practical dissection classes. You will learn about the cardiovascular, respiratory, nervous and renal systems. You will be introduced to some of the common diseases affecting the head, neck, teeth and mouth. You will also visit dental clinics and start to learn about your role as a healthcare professional in the dental team.

Year 2

Growth, Development, Ageing and Nutrition and Basic Oral and Dental Care

Year two introduces the basic biological principles governing different stages of life with emphasis on the challenges of providing comprehensive care for both young and elderly patients.

You'll also learn more about diseases of the teeth and mouth and undertake basic dental procedures in our simulation suite, using virtual reality machines, and in our Clinical Skills Learning Environment. Following satisfactory completion of this course, you begin to treat patients.

Year 3

Intermediate Oral and Dental Care and Integrated Human Disease

From the third year you gain the skills and knowledge to treat patients holistically, with great attention to detail. In the Integrated Human Disease theme you learn how to identify clinical signs and symptoms of systemic disease and how this affects the clinical practice of dentistry. You will also learn how to undertake clinical procedures requiring high levels of manual dexterity.

Years 4 and 5

Integrated Clinical Practice, Oral Disease, Outreach and Elective

During the final two years you will learn how to treat patients of all ages with increasingly complex care needs. Dental Public Health teaching also helps you to understand dentistry in the wider context.

You'll learn more about oral diseases, their causes, how they develop and how to recognise, diagnose and prevent them. You will take part in clinical placements as part of our outreach programme in Sheffield or the surrounding region. These placements are mostly in primary care practices and community clinics so they provide you with real work environments to sharpen your skills.

You'll also have the opportunity to undertake an elective placement which could take you anywhere in the world.

The teaching year (in years 2 to 5) is around 42 weeks enabling you to increase your clinical skills and knowledge through in-depth learning while developing a patient-centred approach through your clinical placements.

As you approach the end of the programme there are lectures about your responsibilities as a dentist and sessions to help you prepare for your first job.

NHS policies

When you undertake clinical training in NHS hospitals, you must adhere to local NHS policies including guidelines on behaviour and dress and the need to be 'bare below the elbow'.

Disclosure and Barring scheme

All applicants are required to undergo a Disclosure and Barring Service (DBS) Enhanced Disclosure check. For further information, see page 209.

Health Clearance

To comply with Department of Health requirements, you must be health screened and immunised as appropriate, before you can treat patients. This includes checking that you're not an infectious carrier of hepatitis B, hepatitis C or HIV and that you do not have tuberculosis. A positive test doesn't necessarily exclude you from dental training. For more information see: **www.sheffield.ac.uk/dentalschool/undergraduate/clinical_req**

You'll need to demonstrate immunity to hepatitis B to complete your dental training in Sheffield so it is important that you know as early as possible whether you do have this immunity. We suggest you consult your GP now as they may be able to offer you this vaccination. Your GP may charge you for this.

You should also let us know about any serious health issues or support requirements you have. We can then assess your suitability for the course and for your future profession, providing appropriate support where necessary.

International students

Immigration regulations are constantly being reviewed by UK Visa and Immigration (UKVI). At the time of writing, students from outside the EU/EEA, who entered the programme via the UCAS route, can apply for dental foundation training after they graduate.

Sheffield University Dental Student Society (SUDSS)

Through sports, volunteering opportunities, careers talks and socials, SUDSS aims to make your University experience as positive as possible.

What our graduates do

Most graduates apply for a one-year Dental Foundation (DF) training programme. This provides you with a supportive environment where you can continue to develop your skills and experience to the point where you become an independent practitioner. Successful completion of the DF year enables you to work in an NHS practice. All of our students who graduated in July 2019 were successful in gaining a DF Training place.

After their DF year, most graduates find work in general dental practices, in the community dental service or sometimes in the armed forces. Some choose to undertake further specialist training to enable them to become specialty dentists, hospital or academic consultants or to become researchers. Some choose to return to the school later in their careers to teach.

UCAS Code	Course	A Level	IB	BTEC	Additional information
BDS(Honours)					
A200	**Bachelor of Dental Surgery**	AAA	36	D*DD	Biology and Chemistry at A Level or IB Higher Level grade 6 Six GCSEs at grade 7 or A including Maths, English Language and Science

We seek to select dental students with the values and behaviours which align with the values of the NHS Constitution.

UCAT Pre-admissions test: All applicants must take the University Clinical Aptitude Test (UCAT). The test is used in conjunction with our existing selection procedure to identify candidates with potential for success at undergraduate level. For more information about the test see: www.ucat.ac.uk

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

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East Asian Studies

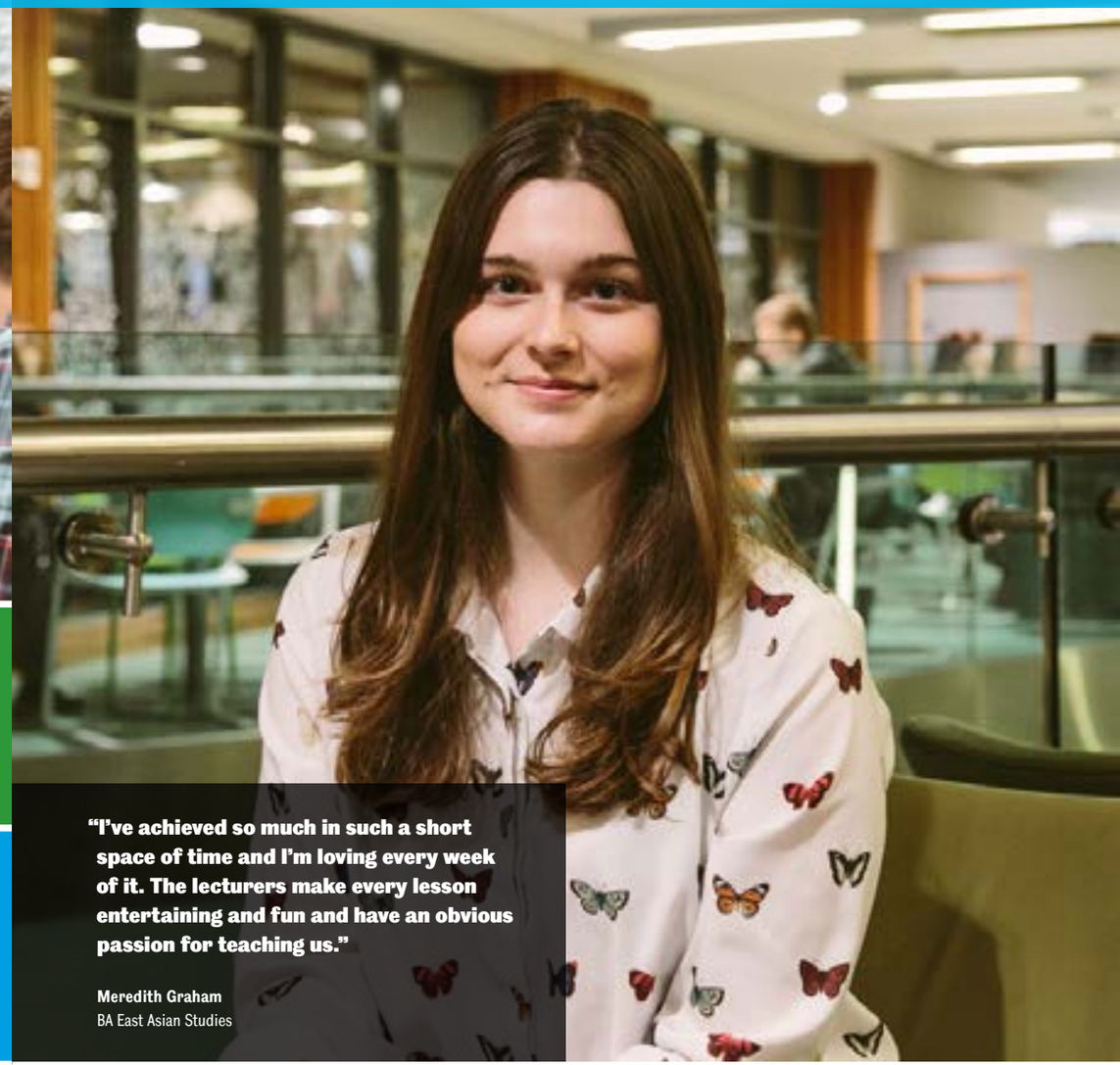
www.sheffield.ac.uk/seas
eastasianstudies-admissions@sheffield.ac.uk
+44 (0)114 222 8400

Typical A Level requirements
ABB

Additional opportunities
- **Degree with employment experience**
- **Study abroad**

We have over 50 years experience in teaching and researching East Asia.

3rd in the Russell Group for overall satisfaction
National Student Survey 2019



"I've achieved so much in such a short space of time and I'm loving every week of it. The lecturers make every lesson entertaining and fun and have an obvious passion for teaching us."

Meredith Graham
BA East Asian Studies

Intensive language training, expert insight into East Asian cultures and societies and a whole year living and studying in the region at one of our prestigious partner universities.

Intensive language teaching

Our courses are designed to immerse you in the languages and cultures of East Asian countries. You will be taught by native speakers in Chinese, Japanese and Korean in regular small group classes using custom made course material. To enhance your learning, we also have a modern virtual language lab, which enables you to learn using visual and audio aids.

Expert insight

Our courses are based on world-leading research and taught by experts whose work influences policy and informs public debate. Our staff publish in their specialist field and many of them have written books for major publishers such as Oxford University Press, Routledge and Macmillan.

A year in East Asia

Take one of our Chinese, Japanese or Korean Studies degrees and spend a year studying at a leading university in your chosen country. Our partners are Nanjing University in China, six high ranking universities in South Korea including Yonsei University in Seoul and more than 25 Japanese universities including Tokyo, Kyoto and Waseda University.

Work experience

You can study our courses with the Degree with Employment Experience option. This allows you to apply for a placement year during your degree where you'll gain valuable experience and improve your employability.

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Chinese, Japanese and Korean Studies

These courses are language intensive. We teach Chinese, Japanese and Korean from scratch, so you don't need previous experience. You'll also study social, cultural, political and economic topics relevant to East Asia, and spend a year in your chosen country.

East Asian Studies

You'll focus on the contemporary development and modern history of East Asia. Core modules cover East Asia as a whole. Optional modules in social and cultural studies are country-specific. You will also have the option to learn an East Asian language as part of your degree. This course includes a funded field trip to East Asia in the second year of study.

This degree does not include a mandatory year abroad however students are eligible to apply for the Study Abroad scheme to spend a year abroad as part of their degree.

What our graduates do

Studying China, Japan or Korea prepares you for a career in the world's most dynamic region. There are also many opportunities across Europe for people with skills in East Asian languages and cultures.

Our graduates work in government and diplomacy, media and the arts, non-government organisations and international business – in professions as diverse as management consultancy, accountancy, marketing, research, language teaching and translation.

UCAS Code	Course	A Level	IB	BTEC	Additional information
BA(Honours)					
T110	**Chinese Studies**	ABB	33	DDD	
T1T2	**Chinese Studies with Japanese**				
TN12	**Chinese Studies and Business Management**				GCSE Maths grade 6 or B
TV11	**Chinese Studies and History**			Only considered when combined with other qualifications	Typically including History or Classical Civilisation at A Level or IB Higher Level grade 5
T300	**East Asian Studies**			DDD	
T210	**Japanese Studies**				
TV21	**Japanese Studies and History**			Only considered when combined with other qualifications	Typically including History or Classical Civilisation at A Level or IB Higher Level grade 5
T415	**Korean Studies**			DDD	
T4T2	**Korean Studies with Japanese**				

Subject requirements: No prior knowledge of Chinese, Japanese or Korean is required. Previous study up to A Level (GCSE level for courses 'with Japanese') is accepted.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Business Management and Japanese Studies	Page 71
East Asian Studies with Foundation Year (alternative route for mature students)	Page 198
Linguistics and Japanese Studies	Page 149
Music and Korean Studies	Page 149

"We have quite a bit of practicals and fieldwork, which I find stimulating as it makes me feel really involved in my coursework. I love the fact I am learning not only how nature works, at all levels, but also how I can help conserve it."

Camilla Zerr
MBiolSci Ecology and Conservation Biology

Ecology and Conservation Biology

www.sheffield.ac.uk/aps
apsadmissions@sheffield.ac.uk
+44 (0)114 222 0123

Typical A Level requirements

Direct entry	Foundation year
AAA–AAB	**BBC**

Additional opportunities

- **Degree with placement year**

Top five for biological research
Research Excellence Framework 2014

UK top 10 for biological sciences
The Times and Sunday Times Good University Guide 2020

92% overall satisfaction
National Student Survey 2019

Pursue your passion for biodiversity and conservation with options to study the full breadth of biology. You can even choose to spend an extra year dedicated to research with our MBiolSci, or undertake a year-long paid work placement.

About us

We don't just teach ecology and conservation – we do ecology and conservation. And so will you – through lectures, practicals, field courses and a research project and dissertation. Our expertise and your training extend from the genetics of at-risk populations to the management of small and large ecosystems and the politics of global conservation. We work in terrestrial, marine and freshwater communities and our research is at the forefront of understanding major processes such as ecosystem response to climate change, the maintenance of biodiversity, and the management of protected areas.

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How we teach

Making sure you have an understanding of how research is done and how to judge reliable knowledge is at the heart of our teaching. We combine lectures based on our world-leading research with small group tutorials, cutting-edge lab and field research practicals, and research experience via projects and critical reviews. We're a close-knit community where every student gets the support and encouragement they need to achieve their best work.

Core modules focus on animals and plants, their interaction with the environment, climate change, sustainability, and biodiversity. Specialist modules include genetics, tropical forest ecology and conservation, and research focused field courses in freshwater, marine and terrestrial communities. These optional two-week field courses allow students to focus on research practices. Destinations include the Peak District National Park, Anglesey, Ireland, Arctic Sweden, the Mediterranean or tropical Malaysian Borneo. You can even take modules across the biosciences including microbiology, biochemistry and human disease.

Our facilities

Our students get to use our state-of-the-art facilities which include modern tools for biomolecular and DNA analysis, controlled environment chambers to simulate any past, present or future climate, experimental gardens and ponds, and extensive computing resources for simulations.

Ecology and Conservation Biology – BSc or MBiolSci

Our three-year BSc is a research-led course covering the full breadth of ecology and conservation biology. The four-year MBiolSci adds an extra year of advanced research training, embedding you in one of our research labs. This year upgrades your degree to Master of Biological Science. You'll develop and carry out a research project with world-leading scientists on a topic that matches your interests.

Ecology and Conservation Biology with Placement Year

Both our BSc and MBiolSci Ecology and Conservation Biology with Placement Year degrees allow you to do a year-long, paid work placement between your second and third year as a recognised part of your studies. A placement is a great way to gain valuable work experience and learn new skills to make you stand out in the graduate jobs market, and you'll pay reduced fees for the year you're on placement. Our students have worked in industry, charities and academia with placements ranging from zoo conservation to chocolate research.

Placements aren't guaranteed – it's your responsibility to secure one but we'll do everything we can to help.

Biosciences with Foundation Year

If you want to study ecology and conservation but don't meet our standard entry requirements, our foundation year could be for you. After successfully completing the one-year programme, you'll progress onto the first year of your chosen bioscience degree.

For more information about our foundation year, see page 197 or visit www.sheffield.ac.uk/sefy

What our graduates do

Ecology graduates are well qualified for careers in government, charity and industry sectors that focus on environmental management and consulting, sustainable forestry, agriculture and conservation. You could go into research, education, journalism, finance, law or a technical profession. Many of our MBiolSci students go on to PhDs.

UCAS Code | Course		A Level	IB	BTEC	Additional information
BSc(Honours)					
C180	**Ecology and Conservation Biology**	AAA–AAB	36–34	Only considered when combined with other qualifications	Including two Science subjects at A Level or IB Higher Level grade 6 GCSE Maths grade 4 or C
C185	**Ecology and Conservation Biology with Placement Year**				
MBiolSci(Honours)					
C189	**Ecology and Conservation Biology**	AAA	36	Only considered when combined with other qualifications	Including Biology and a second Science at A Level or IB Higher Level grade 6 GCSE Maths grade 4 or C
C184	**Ecology and Conservation Biology with Placement Year**				
Foundation Year					
C900	**Biosciences with Foundation Year**	BBC	31	DDM	Including a Science subject at A Level or IB Higher Level grade 5 GCSE Maths grade 6 or B A Level General Studies is not accepted

Subject requirements: acceptable Science subjects include Biology/Human Biology, Chemistry, Physics, Psychology, Mathematics, Computer Science, Geology, Statistics, Geography, Economics and Environmental Science/Studies. Where Biology is required at A Level Human Biology is accepted in lieu of this. As well as the above Foundation Year will also accept Further Mathematics.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Biology	Page 61
Biosciences with Foundation Year	Page 197
Environmental Science	Page 111
Landscape Architecture	Page 128
Plant Sciences	Page 168
Zoology	Page 191

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"I produced briefing material which went to the prime minister and other ministers – this really built upon my ability to explain complex economics to non-economists."

Tom Fletcher
BA Economics and Politics with Employment Experience

Economics

www.sheffield.ac.uk/economics
economics-admissions@sheffield.ac.uk
+44 (0)114 222 3399

Typical A Level requirements
AAA–AAB

Additional opportunities
- **Degree with employment experience**
- **Study abroad**

No 1 in the Russell Group for academic support
National Student Survey 2019

We offer the option of a year-long work placement in your third year, working with top employers such as the Bank of England, Lloyds Bank, IBM, ASOS and Mercedes-Benz.

Economics with impact

We'll help you to understand global financial systems, how markets operate and the drivers of economic growth. But you'll also learn about developing economies and how economics can improve people's health and education.

You'll be taught by leading experts who care passionately about their subject.

Our staff advise government departments in the UK such as the Department for Work and Pensions, the Department for Education and the Low Pay Commission. Their expertise helps shape government policies and aims to improve people's lives.

Degrees with employment experience

We offer you the chance to do a year-long work placement, starting after your second year. This is a great opportunity to get paid work experience with some of the UK's top employers who want to recruit the best students from Sheffield. Recent placements have been with the Bank of England, Lloyds Bank, IBM, ASOS and Mercedes-Benz.

A friendly community

We're one of the few stand-alone economics departments in the north of England – we're not part of a large business school. We're big enough to offer a wide variety of optional specialised modules, but small enough for you to know your tutors personally and build friendships with the other students on your course.

We're number 1 in the Russell Group for Academic Support (National Student Survey 2019). This means you'll get valuable, insightful advice and guidance from your tutors.

A vibrant learning environment

You'll be based in the heart of campus. All our staff are based in the building and you'll have some of your smaller classes here. It also has its own social space with computer access.

EconSoc

EconSoc is our student run society. It's one of the biggest societies at the University. It organises events throughout the year including socials, careers events, sports and an annual weekend away after January exams. Recent trips have included time in Prague and Amsterdam.

Choosing the right course

We offer a BA Economics and a BSc Economics degree. Both degrees provide you with an advanced understanding of economics but emphasise different skills.

On the BA Economics you will specialise in modules related to the application of economics and economic policy. The BSc Economics degree enables you to specialise in methodological modules and learn quantitative and analytical skills. But you'll also have the opportunity to take application and policy modules.

The BSc Economics with Finance is similar to the BSc Economics but with the further commitment of studying finance modules in each year of your study.

If you take a dual honours degree – one with 'and' in the title – it means you can combine economics with another subject and the balance between them is roughly equal.

What you learn and when

If you choose a single honours degree, in the first year you'll study the Economic Analysis and Policy module, alongside mathematics and statistics. Optional modules currently include: Economic History of Britain and the Modern World, Introductory Finance for Economics, and Classical

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and Contemporary Thinkers in Economics. In the second year, you'll build on your core knowledge of microeconomics, macroeconomics and econometrics alongside optional modules. In your final year you'll specialise in either methodological modules or application and policy modules.

For most dual honours degrees, you'll study the Economic Analysis and Policy module alongside mathematics for economics. In the second year you'll study statistics and econometrics, and optional modules. In the final year you'll specialise in application and policy modules.

Study abroad

You can spend the second year of your three-year course studying at one of our partner universities in either Australia, Canada, Hong Kong, New Zealand, Singapore or the USA.

You could spend the whole of your second year or the first semester of your final year at a European university in Prague, Madrid, Valencia, Copenhagen or the Netherlands. Neither option extends your course.

You can also choose to study a degree with international experience. This gives you the option of extending your course to four years by studying or working abroad during your third year, then returning to Sheffield for your final year.

GLOSS

Our department is part of the University's Faculty of Social Sciences so our students can take part in exciting initiatives like our Global Learning Opportunities in the Social Sciences (GLOSS) scheme. GLOSS gives both undergraduate and postgraduate students the chance to apply to attend major international summits like the G20.

Find out more here: **sheffield.ac.uk/gloss**

What our graduates do

Some of our graduates become professional economists in government, industry or the City. Others enter related professions – banking, insurance, accountancy, sales and marketing and retail management.

Recent graduates are now working for the Bank of England, HM Treasury, the European Parliament, PwC, Deloitte, IBM and Rolls-Royce. Some prefer to advance their knowledge by studying economics at postgraduate level.

UCAS Code	Course	A Level	IB	BTEC	Additional information
BA(Honours)					
L100	**Economics**	AAB	34	DDD	GCSE Maths grade 6 or grade B
LL12	**Economics and Politics**				
LV15	**Economics and Philosophy**				
BSc(Honours)					
L101	**Economics**	AAB	34	Only considered when combined with other qualifications	Maths at A Level or IB Higher Level grade 5
LG11	**Economics with Mathematics**				Maths at A Level grade A or IB Higher Level grade 6
L1N3	**Economics with Finance**	AAA	36		Maths at A Level or IB Higher Level grade 6

English language requirements: see page 209.

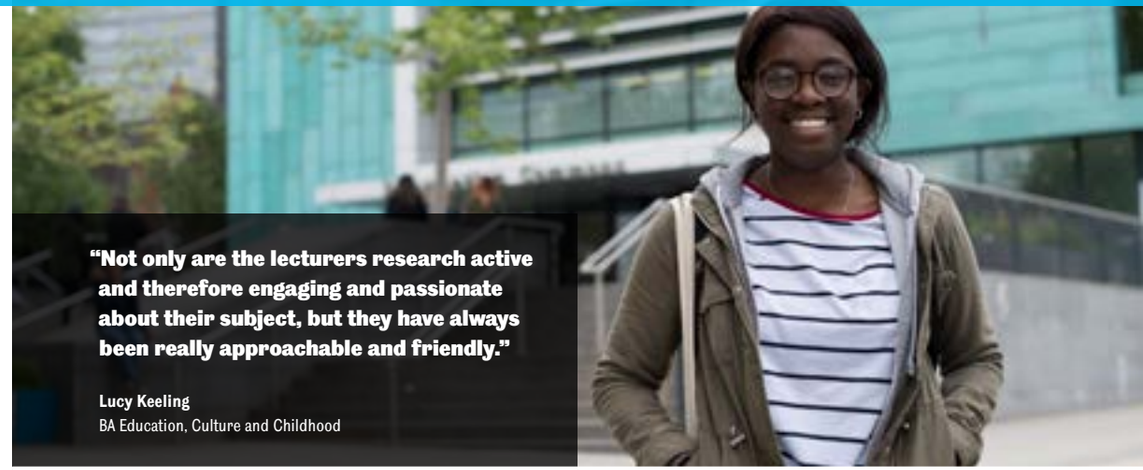
Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Accounting and Financial Management and Economics	Page 40
Business Management and Economics	Page 71
Economics and Modern Languages and Cultures	Page 149



"Not only are the lecturers research active and therefore engaging and passionate about their subject, but they have always been really approachable and friendly."

Lucy Keeling
BA Education, Culture and Childhood

Education, Culture and Childhood

www.sheffield.ac.uk/education
education-admissions@sheffield.ac.uk
+44 (0)114 222 8177

Typical A Level requirements
ABB

Additional opportunities
- **Degree with employment experience**

No 1 education department in the UK for research impact
Research Excellence Framework 2014

UK top 10 for education
Times Higher Education World University Rankings 2020

This degree is a starting point for all kinds of careers in education. You could go into teaching, management, research or even journalism and publishing.

Unique perspective

Our course is one of only a few in the country to combine education and childhood studies. You'll investigate different perspectives – philosophical, psychological, sociological, historical – to get a 360-degree view on educational theory, policy and practice.

Learn from real experts

You'll be taught by academic staff who are internationally recognised for research in their specialist areas. Many of them have won awards for their teaching. While others are practitioners in fields such as educational psychology.

Course structure

In the first year, you'll take modules in child psychology and the sociology of education. You'll develop practical skills in discerning data to help you become a critical researcher. You'll also have the opportunity to study histories of education, explore the curriculum and look at how childhood has been portrayed in different societies at different times. In the second and third years, you choose from a list of subjects including: educational psychology,

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learning theory, globalising education, children and digital cultures, philosophies of education and education policy. We'll also train you in educational research methods. There's a small-scale research project in the second year and an extended dissertation in the third year.

How we teach

There will be a small number of students in your year group, so you will get to know each other and your tutors well. There will be some lectures but much of the teaching is through seminars, either as a year group, or in smaller groups. This creates a supportive learning environment where you can explore a topic in detail and exchange ideas.

Work placement

In your second year, a placement module gives you the chance to apply what you've learned and deepen your understanding through work experience. You can choose to undertake your placement with a variety of organisations including primary schools, nurseries, special educational needs schools, CAMHS Services, Sheffield City Council Young People Services, educational theatre groups, and educational trusts such as farms and museums. We support you in finding the right placement for you. You'll spend 70–180 hours in the workplace and we ask you to keep a journal of your experience.

Careers

The degree is a sound basis for further training in social work and educational psychology. If you're interested in teaching, you could progress on to a primary PGCE. Or you may decide to stay on for a masters or PhD so you can specialise in an area that interests you.

GLOSS

Our department is part of the University's Faculty of Social Sciences so our students can take part in exciting initiatives like our Global Learning Opportunities in the Social Sciences (GLOSS) scheme. GLOSS gives both undergraduate and postgraduate students the chance to apply to attend major international summits like the G20.

Find out more here: **sheffield.ac.uk/gloss**

EdSoc

EdSoc is the department society for all students studying within the School of Education. The department arranges guest speakers, film screenings, talks given by students for students and regular socials.

"I can honestly say that choosing to study this course has been the best decision of my life, it has been such an amazing learning experience, in a wonderfully welcoming and supportive department. I now work in a local secondary school as an Inclusion Manager – my dream job."

Anna Woof

UCAS Code | Course		A Level	IB	BTEC	Additional information
BA(Honours)					
X300	**Education, Culture and Childhood**	ABB	33	DDD	DBS check required

Part-time: Education, Culture and Childhood BA (Honours) is available to study part-time and has the same entry requirements as the full-time course. For details on how to apply for the part-time option, contact the department.

English language requirements: see page 209.

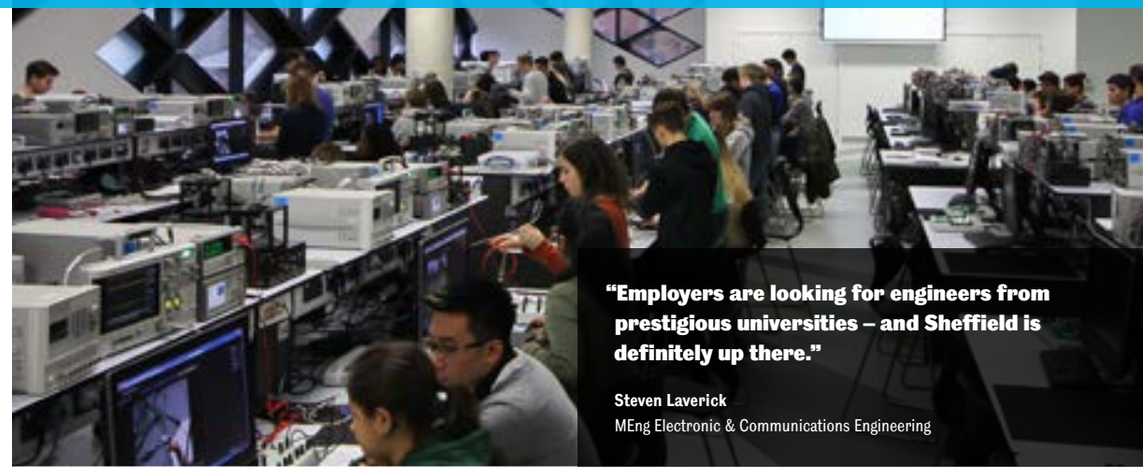
Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related course	
Education, Culture and Childhood with Foundation Year (alternative route for mature students)	Page 198



"Employers are looking for engineers from prestigious universities – and Sheffield is definitely up there."

Steven Laverick
MEng Electronic & Communications Engineering

Electronic and Electrical Engineering

www.sheffield.ac.uk/eee
eee-rec@sheffield.ac.uk
+44 (0)114 222 5382

Typical A Level requirements

Direct entry	Foundation year
AAA–AAB	**BBB–BBC**

Additional opportunities

- **Year abroad**
- **Year in industry**

UK top 10 for EEE
World University Rankings 2019

We have been at the forefront of research and teaching electronic and electrical engineering for over a century. In this time, the use of electronics has become mainstream – presenting us with new challenges to provide solutions for everyday needs.

About us

Our students learn from academic experts who have strong links with partners in industry. Our state-of-the-art laboratories allow you to get hands on with equipment used in industry as preparation for your career.

Flexible courses

Our wide range of MEng and BEng undergraduate degree programmes provide you with a robust understanding of the principles of electronic and electrical engineering. We offer a common start to all our degrees which allows you the flexibility to change courses at the end of your first year if you wish to focus on certain areas of interest.

All our first-year students take part in the faculty's Global Engineering Challenge, working with students from other engineering disciplines to solve a real-world problem. In your third year you will work on your own research project supervised by an academic.

Most of our degrees allow you to add a year in industry. If you study an MEng Electronic and Electrical Engineering with a Modern Language, you also have the opportunity to spend a year abroad.

Accreditation

All our courses are accredited by the Institution of Engineering and Technology (IET). A four-year MEng meets all the academic standards for Chartered Engineer (CEng) status. If you take our three-year BEng, you'll need to complete some further learning to satisfy the requirements.

Electrical and Electronic Engineering – BEng or MEng

Learn about power systems, power electronics, digital electronics, circuits and devices, electrical machines and drives. Your study will cover theoretical and practical aspects across the range of electronic and electrical engineering. You'll choose optional modules from an extensive range covering many aspects of electrical and electronic engineering and communications, depending on your interests.

Electronic Engineering – BEng or MEng

You'll gain a grounding in the knowledge and skill that underpins the whole subject area, encompassing computer hardware, analogue circuits, communication systems, power electronics, semiconductor devices and optoelectronics.

Electrical Engineering – BEng or MEng

A broad-based course which provides you with expertise in a range of topics central to future developments in electrical engineering, as well as a good command of engineering principles.

Electronics and Computer Engineering – BEng or MEng

Modern electronic system design is based on an understanding of a wide range of subjects from electrical network behaviour through signal processing and programmable systems, to the programming languages used to design hardware circuits.

Electronics and Communications Engineering – BEng or MEng

TV, radio, text messaging, and air travel – this course gives you a thorough grounding in the engineering that makes these indispensable everyday technologies possible.

Microelectronics – MEng

Develop your electronic engineering expertise towards an understanding of the properties of the semiconductor devices and circuits that underpin current and future electronic systems. All major aspects of semiconductor device technology are covered giving you a broad understanding of this key field.

Electrical and Electronic Engineering with a Foundation Year

If you want to study with us but don't meet our standard entry requirements, our foundation year could be for you. You'll learn the fundamentals of maths, physics and engineering in a variety of innovative ways to prepare you for your degree.

For more information about our foundation year, see page 197 or visit www.sheffield.ac.uk/sefy

Sponsorship

Many of our undergraduates are sponsored in some way, often by their employers. We can arrange either deferred entry or a year out during the course if required.

What our graduates do

Typical graduate job titles include: design engineer, system engineer, electrical engineer, electronic engineer, control and instrumentation engineer, software engineer, graduate analyst, research and development test engineer, electrical building services engineer.

Employers of our graduates include ARM, ARUP, BAE Systems, Jaguar, Nissan, National Grid, National Instruments, Renault, Siemens, Unilever, Volvo.

UCAS Code	Course	A Level	IB	BTEC	Additional information
MEng(Honours)					
H629	Electrical and Electronic Engineering	AAA	36	Only considered when combined with other qualifications	Maths and either Physics, Chemistry or Electronics at A Level or IB Higher Level grade 6
H621	Electrical Engineering				
H613	Electronic Engineering				
H645	Electronic and Communications Engineering				
H651	Electronics and Computer Engineering				
H614	Microelectronics				
H6T9	Electronic and Electrical Engineering with a Modern Language				Maths and either Physics, Chemistry or Electronics at A Level or IB Higher Level grade 6 GCSE grade 7 or A in the chosen language
MEng(Honours) with a Year in Industry					
H634	Electrical and Electronic Engineering with a Year in Industry	AAA	36	Only considered when combined with other qualifications	Maths and either Physics, Chemistry or Electronics at A Level or IB Higher Level grade 6
H623	Electrical Engineering with a Year in Industry				
H615	Electronic Engineering with a Year in Industry				
H649	Electronic and Communications Engineering with a Year in Industry				
H654	Electronics and Computer Engineering with a Year In Industry				
H616	Microelectronics with a Year in Industry				
BEng(Honours)					
H628	Electrical and Electronic Engineering	AAB	34	Only considered when combined with other qualifications	Maths and either Physics, Chemistry or Electronics at A Level or IB Higher Level grade 6.5
H620	Electrical Engineering				
H610	Electronic Engineering				
H647	Electronic and Communications Engineering				
H655	Electronics and Computer Engineering				
BEng(Honours) with a Year in Industry					
H633	Electrical and Electronic Engineering with a Year in Industry	AAB	34	Only considered when combined with other qualifications	Maths and either Physics, Chemistry or Electronics at A Level or IB Higher Level grade 6.5
H622	Electrical Engineering with a Year in Industry				
H611	Electronic Engineering with a Year in Industry				
H648	Electronic and Communications Engineering with a Year in Industry				
H656	Electronics and Computer Engineering with a Year In Industry				
Foundation Year					
H602	Electrical and Electronic Engineering with a Foundation Year	BBB–BBC	32–31	DDD	Dependent on subjects studied Minimum GCSE Maths and Science grade 6 or B A Level General Studies and Critical Thinking not accepted

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related course	
General Engineering (MEng/BEng)	Page 112

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"Other than technical skills, I gained a large variety of soft skills and a huge amount of industry awareness. Getting the chance to help customers with projects from engineering disciplines gave me an insight to the different engineering industries and how their technologies worked."

Shruti Vasudev
BEng Bioengineering

The Diamond

When you study engineering at Sheffield, you study in the Diamond, the best integrated engineering teaching facility in the UK. Its state-of-the-art labs and industry standard equipment inspire learning. You'll graduate with the skills employers look for on the equipment they use: 3D printers, flight simulators, a wind tunnel and even a jet engine – we have them all. You'll use the specialist engineering labs, project spaces and 24 hour study spaces throughout your degree and have access to the student-led iForge makerspace. This innovative facility gives students the opportunity to collaborate, create and 'make' outside of their academic studies.

Engineering at Sheffield

www.sheffield.ac.uk/engineering

We are one of the biggest and best providers of engineering research and education in the UK, with over 6,700 students and an annual research income of over £123 million.

Aerospace Engineering (p43)
We work with key players in the industry such as Airbus, Boeing and Rolls Royce to shape the future of aerospace engineering. Our department offers courses that cover all areas of aircraft design and development.

Automatic Control and Systems Engineering (p51)
We are the only department in the UK dedicated to control and systems engineering, the development of intelligent systems, automation and robotics.

Bioengineering (p58)
Our courses prepare students for fulfilling careers in areas such as healthcare, pharmaceuticals, data technology and scientific research, solving some of the most complex problems in biology and medicine today.

Chemical Engineering (p72)
We are tackling the key challenges of our time including climate change, energy, affordable medicines, sustainable agriculture and green manufacturing.

Civil and Structural Engineering (p78)
As well as structures, water, geotechnics and environmental issues, our students are tackling emerging global challenges in resilient infrastructure, sustainability and carbon-neutral construction, energy generation and digital technologies. We're dedicated to making the world a better place and to producing engineers who will build a better future.

Computer Science (p81)
Our industry-led courses include a mixture of programming languages, AI and machine learning, robotics and bio-inspired computation, software engineering and computer architecture and security. Recent graduates have gone on to work for companies such as Apple, Google, IBM, Amazon and the BBC.

Electronic and Electrical Engineering (p101)
Our industry-designed courses tackle real world challenges from next generation mobile communication systems and electric vehicles to building, installing and controlling robots on a production line or the infrastructure for a wind or solar farm.

General Engineering (p112)
Study the breadth of engineering disciplines and how they all fit together, before specialising in your area of interest.

Materials Science and Engineering (p135)
We teach the fundamentals of all materials, from those we see and use everyday such as a glass or a piece of sport equipment to those used in aerospace and medicine.

Mechanical Engineering (p141)
Mechanical engineering is one of the broadest fields of engineering. Our graduates make an impact in manufacturing, product design, transport and aerospace, healthcare, energy and sustainability, sports engineering, safety, the built environment, and more.

Foundation year
If you want to study for one of our engineering or computer science degrees but don't meet the standard entry requirements, this is the route for you. You'll learn the fundamentals of maths, physics and engineering in a variety of innovative ways to prepare you for your degree.
www.sheffield.ac.uk/sefy

Stand out from the crowd
Our degrees equip you with the skills and knowledge top graduate employers look for. We know this because companies like Boeing tell us.

Through projects focused on industry, you'll have the opportunity to work with companies like Rolls-Royce, Siemens and Arup as well as the chance to network directly with employers at a wide range of careers events.

We are one of the few universities in the UK with a dedicated engineering placement team. They're here to help you find a year in industry, providing advice and support through the application process and beyond.

Your employability skills development will begin in your first year when you take part in our Global Engineering Challenge. Working in a team, you'll find solutions to a real-life engineering problem faced by developing communities.

Engineering You're Hired is a second year project where you'll work on real engineering problems set by industry. Working in multidisciplinary teams, you'll pitch your solutions to industry experts, further developing your communication, teamwork and problem solving skills.
www.sheffield.ac.uk/engineering

English

www.sheffield.ac.uk/english
english.admissions@sheffield.ac.uk
+44 (0)114 222 0236

Typical A Level requirements
AAB–ABB

Additional opportunities
- **Degree with employment experience**
- **Study abroad**

1st for research environment
Research Excellence Framework 2014

The highest academic standards, flexible courses, and the freedom to use your imagination.

A pioneering department

We are a research-intensive school with an international perspective on English studies across four distinct degree programmes. Students can specialise in their chosen subject, whilst taking modules from other programmes, forging interdisciplinary connections. We are famous for our pioneering work with communities, locally and internationally. We encourage our students to get involved and to apply their academic learning, working in partnership with external organisations both within the city of Sheffield and beyond.

Dedicated to excellent teaching

Our staff are researchers, critics, and writers. They're also passionate, dedicated teachers who work tirelessly to ensure their students are inspired. We keep seminar groups small because we believe that's the best way to stimulate discussion and debate. Our modules use a range of innovative assessments and can include designing websites, writing blog posts, and working with publishing software, in addition to writing essays and delivering presentations. We are committed to providing our students with the pastoral support they need in order to thrive on their degree. All students are assigned a personal tutor with whom they have regular meetings. You are welcome to see any of the academic staff in their regular office hours if there's anything you want to ask.

Your future

Our graduates are confident and articulate. They have highly developed communication skills, equipping them for a range of careers from information technology to media and public relations, marketing and advertising. Many of our students also go on to postgraduate study, research, and into academic-related careers.

English Language and Linguistics

In your first year, your modules will give you a foundation in four core areas of linguistic theory: the formal properties of language, historical linguistics, sociolinguistics, and experimental linguistics. From there, you'll have the opportunity to tailor your degree, building on these four foundational areas with optional modules, including modules from our other three degree programmes.

English Language and Literature

As well as choosing modules from across English language and linguistics and English literature, you'll investigate the intersection between the subjects through a series of core modules taught by our specialised team. For example, you will use linguistic techniques to analyse literary language, think about why audiences find some styles of writing particularly persuasive, and examine the techniques authors use to make their works feel realistic. In your third year you will work with our staff on topics related to their current research.

Studying both language and literature allows you to explore the full range of teaching offered in the School of English and ensures that you are prepared for a wide range of careers when you graduate.

English Literature

We seek to foster your love of literature and the creative arts, including film and theatre, so you graduate with a real understanding and appreciation of the subject area. You'll have the opportunity to study texts from Old English to the present day, and you'll be invited to participate in new research areas such as Animal Studies and the Environmental Humanities.

We encourage you to widen your interests within the subject. There are a variety of optional modules on offer, led by leading researchers. These may include: Stories At The End of the World; The Invention of Romanticism; Voicing the Early Modern 'I'; The Bildungsroman in World Literature; Strange Forms: Diaries, Letters, Memoirs and Other Peculiar Genres; Immodest Women: Lives and Lines.

We also introduce you to the key methods of cultural analysis, and a broad historical sweep of literary periods in order to expand your enthusiasms. We have particular strengths in the Gothic, American Cold War culture, Early Modern literature and Victorian literature, amongst others. You can also take creative writing modules throughout the degree

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programme, as well as joining modules run by our colleagues in theatre and film.

Dual honours courses

You can combine English language, linguistics, and literature with other subjects (see table).

Study abroad

There are opportunities to study abroad for a semester or a year, as part of a three or four-year degree programme. We have exchange agreements with universities in the USA, Australia, Canada, Singapore and throughout Europe.

Work experience

You can study our courses with the Degree with Employment Experience option. This allows you to apply for a placement year during your degree where you'll gain valuable experience and improve your employability.

The English Society

The department has a vibrant student led society, EngSoc, who host socials, group activities, charity fundraisers and volunteering events throughout the year.

UCAS Code | Course		A Level	IB	BTEC	Additional information
English Language BA(Honours)					
Q3Q1	**English Language and Linguistics**	AAB	34	DDD	Evidence of interest in Language and Linguistics, demonstrated through the personal statement
QL33	**English Language & Sociology**	ABB	33		
QV15	**Linguistics and Philosophy**				
QT12	**Linguistics and Japanese Studies**				
Q304	**English Language and Literature**	AAB	34		Typically including an Arts and Humanities subject at A Level or IB Higher Level grade 5
English Literature BA(Honours)					
Q306	**English Literature**	AAB	34	DDD	Typically including an Arts and Humanities subject at A Level or IB Higher Level 5
QV35	**English and Philosophy**				
QV31	**English and History**	AAB	34	Only considered when combined with other qualifications	Typically including History and Classical Civilisation at A Level or Higher Level grade 5
QW33	**English and Music**	ABB	33	DDD	ABB including Music or Music Technology (or Grade 8 Practical (ABRSM/Trinity/Rockschool or equivalent) + grade 5 theory (ABRSM/Trinity))

Part Time: English Literature BA(Honours) is available to study part-time and has the same entry requirements as the full time course. For details of how to apply for the part-time option please contact the department.

Subject requirements for English Language: for more information about subject requirements and writing your personal statement, please see www.sheffield.ac.uk/english/undergraduate or contact the department.

English language requirements: see page 209.

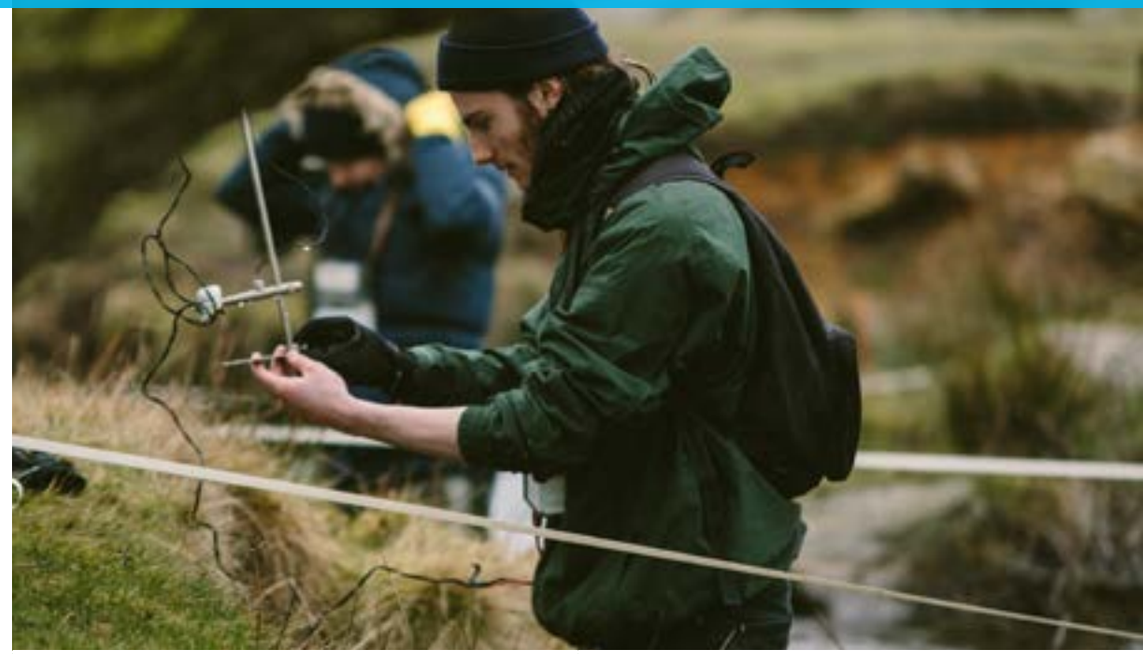
Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
English Language and Linguistics with Foundation Year (alternative route for mature students)	Page 198
English Language and Literature with Foundation Year (alternative route for mature students)	Page 198
English Literature with Foundation Year (alternative route for mature students)	Page 198
English and Modern Languages and Cultures	Page 149
Linguistics and Modern Languages and Cultures	Page 149
Speech and Language Sciences	Page 186



Environmental Science

www.sheffield.ac.uk/geography
geography-admissions@sheffield.ac.uk
+44 (0)114 222 7900

Typical A Level requirements
AAB–ABB

Additional opportunities
- **Degree with employment experience**
- **Study abroad**

93% of our graduates are in work or further study six months after finishing their course
DLHE 2016–2017

All costs for compulsory field work are included in your tuition fees. This includes an international trip in Year 2.

Environmental science is a broad and multidisciplinary subject exploring processes that control and have an impact on the wide range of habitats, ecosystems and environments on planet Earth.

Environmental science at Sheffield

Environmental science at Sheffield was one of the first degree programmes of its kind to be established. In recent years, awareness about the complexity of the natural environment and the impacts of human activity has accelerated. This has led to the growth of environmental science as a major international discipline helping to tackle some of the biggest challenges facing our planet.

Environmental Science is taught jointly by the Department of Geography and the Department of Animal and Plant Sciences. Both departments undertake international research at the frontiers of the discipline, so you'll be taught by experts in their fields. You'll have the opportunity to tailor your degree to suit your interests, studying modules that span the environmental sciences. You'll also have the opportunity to focus on research specialisms such as global environmental change, biosciences, geoscience, and environmental quality and technology.

About our courses

We offer a three-year BSc course or a four-year MEnvSci, which incorporates an additional year of research training and is excellent preparation for PhD study or a research-related career. We also offer the opportunity of taking the BSc programme over four years by incorporating a year working in industry or a year studying abroad at a partner university.

Specialist facilities

Our specialist facilities include controlled environment chambers that simulate conditions from the Tropics to the Arctic, experimental gardens and glasshouses, and artificial stream systems. We also have the latest equipment for elemental and biomolecular analysis, numerical modelling, remote sensing and GIS, as well as a field centre in Tanzania.

Support

We support you to enhance your studies so that you graduate with more than just a degree. Each student is allocated two personal tutors, one from each department, who provide help, advice and support. Additionally, we run two mentoring schemes: one pairs you with a second or third year student, the other puts you in contact with an alumnus to help you to prepare for your graduate career.

Additional opportunities

All our students are eligible for a range of work placements, research apprenticeships and volunteering opportunities. These take place within the University and with partner organisations across the world including the Geography Association and Ernst & Young. These opportunities to develop practical experience and international contacts, combined with our reputation for academic excellence, make our graduates highly competitive in the workplace or in further study.

Professional accreditation

All our degrees are accredited by the Institution of Environmental Sciences (IES) and Committee of Heads of Environmental Sciences (CHES) Accreditation Scheme. This ensures that our graduates have a high standard of subject knowledge and technical ability which is recognised by employers.

GLOSS

Our department is part of the University's Faculty of Social Sciences so our students can take part in exciting initiatives like our Global Learning Opportunities in the Social Sciences (GLOSS) scheme. GLOSS gives both undergraduate and postgraduate students the chance to apply to attend major international summits like the G20, and to engage in international development through our student-run social enterprise SIDshare.

Find out more here: **sheffield.ac.uk/gloss**

What our graduates do

As well as specialist skills and knowledge, our degrees provide you with transferable skills that are valued by graduate employers. Recent graduates have gone on to careers in environmental consultancy and policy, sustainable energy, land remediation and conservation.

UCAS Code | Course		A Level	IB	BTEC	Additional information
MEnvSci(Honours)					
F902	**Environmental Science**	AAB	34	DDD	Geography or another relevant Science subject at A Level or IB Higher Level grade 5 GCSE Maths grade 4 or C
BSc(Honours)					
F900	**Environmental Science**	ABB	33	DDD	Geography or another relevant Science subject at A Level or IB Higher Level grade 5 GCSE Maths grade 4 or C

Subject requirements: relevant Science subjects includes Biology/Human Biology, Geology and Environmental Science/Studies or one of these plus Chemistry, Maths, Further Maths, Physics or Statistics.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Environmental Science with Foundation Year (alternative route for mature students)	Page 198
Geography	Page 116
Landscape Architecture	Page 128

"In the first two years of the course you get to experience various engineering disciplines, and in the final year(s) you can study one of 11 different specialisms. This course gives you the ability to communicate well and understand engineers from different disciplines, as well as having specialist knowledge in your chosen field."

Henriette Stainer
General Engineering student

General Engineering

www.sheffield.ac.uk/general-engineering
gen-eng-admissions@sheffield.ac.uk
+44 (0)114 222 7882

Typical A Level requirements

Direct entry **A*AA**

Foundation year **BBB–BBC**

Additional opportunities

- **Degree with employment experience**

11 unique specialisation choices including chemical engineering and software engineering.

Gain a strong foundational knowledge of engineering disciplines from across our seven academic departments, before specialising in your area of interest in the final year(s) of your degree.

Interdisciplinary ethos

Taught by world-leading experts from our seven outstanding engineering departments, you'll study in state-of-the-art facilities in The Diamond, an £81m investment in learning and teaching.

The General Engineering interdisciplinary degree will ensure you develop a broad knowledge and understanding of engineering, while developing skills in independent thinking and the professional skills necessary for a career in industry.

Course structure

During your first two years you'll study modules across all disciplines and look at engineering in an interdisciplinary context. At the end of year two, you'll choose a specialism from one of the following 11 streams:

- Aerospace engineering
- Chemical engineering
- Civil engineering
- Electrical engineering
- Energy and sustainability
- General engineering
- Materials science and engineering
- Mechanical engineering
- Medical technologies
- Software engineering
- Systems and control engineering

On the BEng course you will study your chosen specialism for one final year, while the MEng course offers two years of specialisation. During this period of study, the interdisciplinary ethos of your degree will continue. Examples of this include an interdisciplinary group design project (MEng) and an advanced research or industry-led final year project (MEng and BEng).

What our graduates do

This course prepares you for a career where you'll apply your creative problem-solving skills and your understanding of engineering principles to the real world, while working in multidisciplinary teams. These transferable skills can be applied in many sectors across the breadth of engineering and beyond.

General Engineering with a Foundation Year

If you want to study with us but don't meet our standard entry requirements, our foundation year could be for you. You'll learn the fundamentals of maths, physics and engineering in a variety of innovative ways to prepare you for your degree.

For more information about our Foundation Year, see page 197, or visit **www.sheffield.ac.uk/sefy**

UCAS Code / Course		A Level	IB	BTEC	Additional information
MEng(Honours)					
H100	**General Engineering**	A*AA	38	Only considered when combined with other qualifications	Maths & Physics at A Level or IB Higher Level grade 6
H104	**General Engineering with a Year in Industry**				
BEng(Honours)					
H103	**General Engineering**	A*AA	38	Only considered when combined with other qualifications	Maths & Physics at A Level or IB Higher Level grade 6
H102	**General Engineering with a Year in Industry**				
Foundation Year					
H101	**General Engineering with a Foundation Year**	BBB–BBC	32–31	DDD	Dependent on subjects studied Minimum GCSE Maths and Science Grade 6 or B

Subject requirements: A Level General Studies and Critical Thinking not accepted.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

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Aerospace Engineering	Page 43
Automatic Systems and Control Engineering	Page 51
Bioengineering	Page 58
Chemical Engineering	Page 72
Civil Engineering	Page 78
Computer Science	Page 81
Electronic and Electrical Engineering	Page 101
Materials Science and Engineering	Page 135
Mechanical Engineering	Page 141

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"The module choices allow you to be specific to a particular field such as biochemistry or to gain a broader knowledge across several fields such as genetics and molecular cell biology."

Jason Brocklesby
Biochemistry and Genetics

Genetics

www.sheffield.ac.uk/mbb
mbb@sheffield.ac.uk
+44 (0)114 222 2740

Typical A Level requirements

Direct entry	Foundation year
AAA–AAB	**BBC**

Additional opportunities

- **Year in industry**

UK top 10 for overall satisfaction
National Student Survey 2019

UK top 10 for biological sciences
The Times and Sunday Times Good University Guide 2020

1st in the UK for medically related research
Research Excellence Framework 2014

Genetics is crucial to advances in medical science, pharmaceuticals and agriculture. Our courses will give you the knowledge and skills to be part of these developments throughout your career.

High-quality teaching

We'll challenge you to achieve your very best. We offer small tutorial groups to support your learning, extensive practical experience, and a project in the third year that could involve laboratory research, computing, clinical diagnostics, science communication, or school teaching, depending on your career aspirations.

Flexible course structure

You can study genetics on its own or combine it with another subject in the molecular biosciences. The first year is the same for all of our courses. You're not tied to the course you register for. At the end of the first year, you can transfer to any course in the department: biochemistry, microbiology, molecular biology and combinations of these subjects.
You can also take time out to work on placement between years two and three, to graduate with a degree with a year in industry.

BSc or MBiolSci?

Either of these will give you a thorough knowledge of your chosen subject. The four-year MBiolSci has Advanced Accreditation from the Royal Society of Biology, more focus on laboratory skills, and an extensive research project, which can be based in a university or industrial lab. You can transfer in either direction between the three and four-year course during years one to three.

Biosciences with Foundation Year

If you want to study genetics but don't meet our standard entry requirements, our foundation year could be for you. After successfully completing the one-year programme, you'll progress onto the first year of your chosen bioscience degree.

For more information about our foundation year, see page 197 or visit www.sheffield.ac.uk/sefy

Our student society

You can become a member of the department's student society, MBBSoc, which organises social events, charity fundraising, sports teams and academic study events.

What our graduates do

Many of our graduates are employed in pharmaceuticals and healthcare, food safety and manufacture, brewing and agrochemicals, forensic science and as NHS scientists. They also work in education, the scientific civil service, bioinformatics or medical schools. Others use their skills in management and commerce. Many choose further study and go on to do research for organisations all over the world.

UCAS Code | Course		A Level	IB	BTEC	Additional information
MBiolSci(Hons)					
C409	**Genetics**	AAA	36	Only considered when combined with other qualifications	Including two Science subjects at A Level or IB Higher Level grade 6 GCSE Maths grade 6 or B
CC4C	**Genetics and Microbiology**				
C433	**Medical Genetics**				
BSc(Hons)					
C400	**Genetics**	AAB	34	DDD	Including two Science subjects at A Level or IB Higher Level grade 6,5 GCSE Maths grade 6 or B
CC45	**Genetics and Microbiology**				
C431	**Medical Genetics**				
C406	**Genetics with a Year in Industry**				
C436	**Medical Genetics with a Year in Industry**				
CC46	**Genetics and Microbiology with a Year in Industry**				
Foundation Year					
C900	**Biosciences with Foundation Year**	BBC	31	DDM	Including a Science subject at A Level or IB Higher Level grade 5 GCSE Maths grade 6 or B A Level General Studies is not accepted

Subject requirements: acceptable Science subjects include Biology/Human Biology, Chemistry, Physics, Psychology, Mathematics and Further Mathematics. As well as the above Foundation Year will also accept Computer Science, Geology, Statistics, Geography, Economics or Environmental Science/Studies.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

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Related courses	
Biochemistry	Page 54
Biosciences with Foundation Year	Page 197
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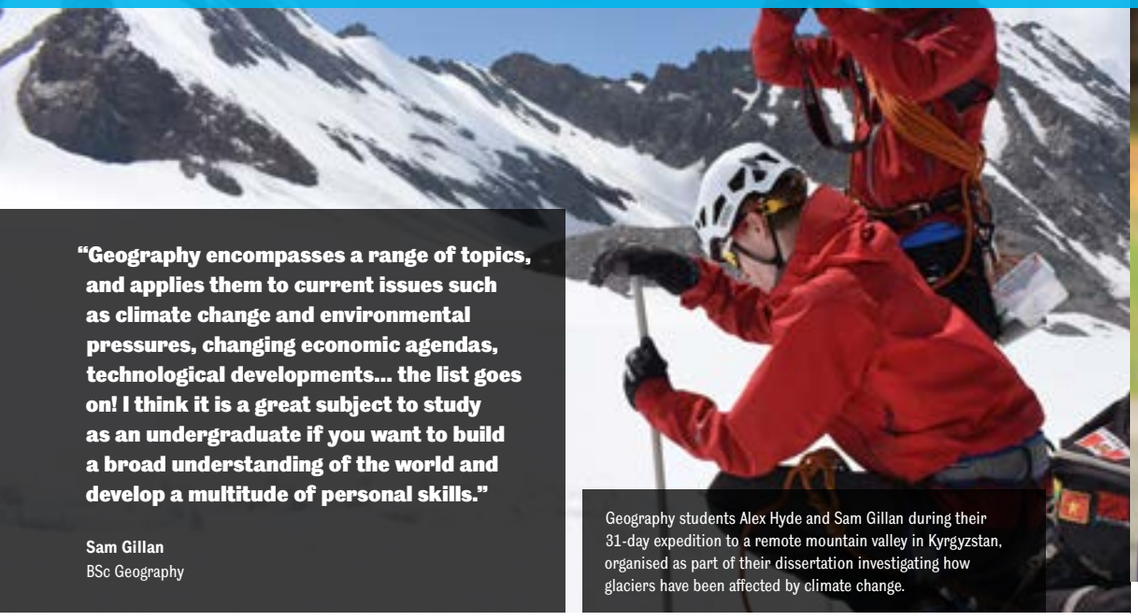

"Geography encompasses a range of topics, and applies them to current issues such as climate change and environmental pressures, changing economic agendas, technological developments... the list goes on! I think it is a great subject to study as an undergraduate if you want to build a broad understanding of the world and develop a multitude of personal skills."

Sam Gillan
BSc Geography

Geography students Alex Hyde and Sam Gillan during their 31-day expedition to a remote mountain valley in Kyrgyzstan, organised as part of their dissertation investigating how glaciers have been affected by climate change.

Geography

www.sheffield.ac.uk/geography
geography-admissions@sheffield.ac.uk
+44 (0)114 222 7900

Typical A Level requirements
AAA–AAB

Additional opportunities
- **Degree with employment experience**
- **Study abroad**

90% overall student satisfaction
National Student Survey 2019

All costs for compulsory field work are included in your tuition fees. This includes an international field class in Year 2.

We work across the boundaries of physical sciences, social sciences and humanities to tackle complex global challenges. Our degree programmes engage with the most important issues of our time such as climate change, international development, global inequalities and environmental sustainability.

Geography at Sheffield

Our Royal Geographical Society accredited degrees offer specialisms informed by our world-class research and directly linked to key issues on the international agenda. The course is highly flexible; all students can choose modules from across our human and physical geography specialisms, as well as modules from other disciplines. Our courses include training in key skills, such as Geographical Information Systems (GIS) and policy analysis, as well as extensive practical experience through fieldwork, both internationally and in the 'living laboratory' of Sheffield and the nearby Peak District.

International fieldwork

Fieldwork is embedded throughout our programmes. As an international department, we provide a core overseas field class in Year 2, with the option of additional international field classes (not covered by tuition fees) in Year 3. Recent destinations include Berlin, California, Greece, Morocco, New York, New Zealand, Uganda and Spain.

About our programmes

Our BA programme explores our relations with space, society, politics and culture and provides you with the critical skills necessary to appreciate, analyse and respond to the key issues and challenges facing us. Our BSc programme focuses on physical and environmental processes shaping the world, while providing training in the key methods, skills and approaches our researchers use.

The MGeogSci includes an additional year of training. A major part this is an in-depth project carried out in an area of your choice and as part of an active research group. Whether you choose further academic research, work in industry, or a career in environmental consultancy or social policy, this masters programme is designed to provide you with the advanced research and professional skills needed to succeed in your chosen career.

Support

We support you to enhance your studies so that you graduate with more than just a degree. As well as benefiting from our high staff to student ratio, each student has a personal tutor who provides individual help, advice and support. We run two mentoring schemes: one pairs you with a second or third year student; the other puts you in contact with an alumnus to help you to prepare for your graduate career.

Additional opportunities

Most students are able to extend their course to four years and spend a year in industry or studying abroad, developing additional practical skills. All our students are eligible for a range of work placements, research apprenticeships and volunteering opportunities. These take place within the University and with partner organisations across the world including the Geography Association and Ernst & Young. These opportunities to develop practical experience and international contacts, combined with the department's reputation for academic excellence, make Sheffield geography graduates highly competitive in the workplace or in further study.

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Specialist facilities

As well as group study areas, we have our own computer suites that are equipped with the latest remote sensing, GIS and modelling software packages. We also have state-of-the-art laboratories with facilities for sediment and geochemical analyses, as well as a field centre in Tanzania.

GLOSS

Our department is part of the University's Faculty of Social Sciences so our students can take part in exciting initiatives like our Global Learning Opportunities in the Social Sciences (GLOSS) scheme. GLOSS gives both undergraduate and postgraduate students the chance to apply to attend major international summits like the G20, and to engage in international development through our student-run social enterprise SIDshare.

Find out more here: **www.sheffield.ac.uk/gloss**

What our graduates do

Our programmes will develop your ability to analyse global problems from a range of perspectives and at different scales. Our students gain benchmark geographical skills as well as transferable skills that are highly valued by employers. Your geography degree can take you into a wide range of careers throughout the world: from policy and government, business and consultancy, to science, sustainability and the environment. Our graduates go on to work for employers as diverse as Deloitte, the Department for International Development, the Environment Agency and the Met Office.

The Geography Society

GeogSoc, our student society, is one of the most vibrant societies in the University and provides you with a peer network that arranges everything from study skills training to a diverse range of social events. It's an inclusive society which encourages integration between students across all levels of study, including postgraduate. The society also has strong links with local schools, providing opportunities for students to volunteer, develop key skills and help encourage the next generation of geographers.

UCAS Code	Course	A Level	IB	BTEC	Additional information
MGeog Sci(Honours)					
F804	**Geography**	AAA	36	D*DD	Geography or another Science subject at A Level or IB Higher Level grade 6 GCSE Maths grade 4 or C
BA(Honours)					
L700	**Geography**	AAB	34	DDD	GCSE Maths grade 4 or C
BSc(Honours)					
F800	**Geography**	AAB	34	DDD	GCSE Maths grade 4 or C

Requirements for F804 and F800 Geography: Science subjects include: Biology/Human Biology, Chemistry, Environmental Science/Studies, Further Maths, Geography, Geology, Maths, Physics, Statistics.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

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Related courses	
Environmental Science	Page 111
Geography with Foundation Year (alternative route for mature students)	Page 198
Geography and Planning	Page 190

"We are given such a broad, yet detailed, insight into a variety of healthcare topics from anatomy, physiology and pathophysiology, to more social aspects such as healthcare policy and healthcare management. The course caters for everyone, whether you are looking to pursue a managerial role within a hospital (or other institution), or whether you want to go down the clinical route in areas such as dentistry, nursing, and occupational therapy."

Chris Gough
BMedSci Health and Human Sciences graduate

Health and Human Sciences

www.sheffield.ac.uk/snm
hhs-admissions@sheffield.ac.uk
+44 (0)114 222 2069

Typical A Level requirements
BBB

Additional opportunities
- **Degree with employment experience**

This course can lead to careers in public health, health management, service commissioning, health policy, research and more.

Explore some of the most important health challenges of the 21st century, including ageing populations, health inequalities, obesity, diabetes and antibiotic resistance.

The course

You'll develop expertise in a range of fields related to some of the most pressing, important and challenging public health issues of our time.

You'll be challenged to explore questions such as:

- Why do richer people live longer, healthier lives?
- Why do some public health initiatives worsen health inequalities?
- How can we use research evidence to inform health policy?
- How can psychology help us to understand people's behaviours?
- How is a social model of health different to a medical model?
- What are the causes of, and treatments for coronary heart disease?

During your three years of study, you'll focus on five core themes: health systems, organisation and delivery; determinants of health and wellbeing; understanding and promoting relationships; evaluating and using information and evidence; biology and the body.

Expert teaching

You'll be taught and supported throughout the course by a team of dedicated academics. Our teaching team includes experts in the fields of public health, health care delivery, leadership and management, health psychology, sociology, social policy, biology and biosciences.

Work placements

In your third year, you'll have the opportunity to gain vital work experience in an area that reflects your career aspirations by undertaking a professional work placement. This placement could be in an organisation related to public health, health policy, health management, social care and other related areas. You could also undertake your placement in a clinical healthcare setting, such as nursing or an allied health profession.

Alternatively, you might work on a real-life research project in partnership with an academic or as part of a research group.

Whichever placement option you are offered, we'll support you to develop your professional skills for the career you aspire to.

Study abroad

During the third year of your course, you'll have the opportunity to apply to spend a semester at Maastricht University in the Netherlands. Studying abroad is an opportunity to further broaden your horizons, experience another culture, and study health and social care related issues in a different setting, alongside other European students.

Rewarding careers

When you graduate from this course, you'll be passionate about improving people's lives and bettering the health of the population. You may pursue a career in public health, healthcare management, health research, health policy and a range of other areas.

You may also choose to undertake postgraduate training in a specific health profession, such as occupational therapy, physiotherapy, speech therapy, nursing and other frontline roles.

UCAS Code | Course		A Level	IB	BTEC
BMedSci(Honours)				
B991	**Health and Human Sciences**	BBB	32	DDM

Part-time: Health and Human Sciences BMedSci(Honours) is available to study part-time and has the same entry requirements as the full-time course. For details on how to apply for the part-time option, contact the department.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

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Related course	
Health and Human Sciences with Foundation Year (alternative route for mature students)	Page 198

Health Professions at Sheffield

www.sheffield.ac.uk/health-sciences

We train dedicated health professionals in a range of specialist fields. Offering unrivalled student support, research-led teaching and hands-on clinical experience, we aim to prepare you for a successful career.

Dental Hygiene and Dental Therapy (p84)

Our 27-month full-time course will give you professional accreditation as a dental hygienist and dental therapist. We recognise the importance of training the dental team together so you'll learn alongside dental students in a way that prepares you for practice. You'll also benefit from our outreach training programme. It's one of the most rigorous placement programmes in the UK. Treating patients of all ages and backgrounds in real work environments sharpens your skills and gives you a head start in your career.

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"The course structure is very effective in helping you develop academically, each year gets progressively more specialised and steadily builds your skills as a historian."

Sarah Bramham
BA History

History

www.sheffield.ac.uk/history
history.admissions@sheffield.ac.uk
+44 (0)114 222 2552

Typical A Level requirements
AAB

Additional opportunities
- **Degree with employment experience**
- **Study abroad**

UK top 5 for history
The Times and Sunday Times Good University Guide 2020

3rd in the UK for world-leading research
Research Excellence Framework 2014

Our courses are about opening your eyes to the world and all its possibilities. Whatever your chosen career, we can help you develop the intellectual skills you'll need to succeed.

Our unique approach

Study with us and you'll get a taste of hands-on history, with practical experience and opportunities for work placements and volunteering.

There's a maximum of 12 people in your seminars during the first year – so you'll get to share ideas in a close and supportive environment. When it comes to doing your dissertation, you'll have individual support from one of your tutors. You'll build a close working relationship with your personal tutor who'll help you settle in and reach your full potential.

Nursing (p158)

We offer single-locality clinical placements, meaning you'll gain practical experience of hospital, community and primary care services within a single geographic area. This will give you an excellent understanding of the 'patient pathway', and how local health services work together to care for their communities.

Orthoptics (p160)

Orthoptists help to improve the lives of children and adults who have visual defects and abnormalities of eye movement, such as double vision or squint. Led by Professor Helen Davis (who co-authored the leading textbook in the field), we are one of only two universities in England to train professionals in the specialist area of orthoptics.

Speech and Language Therapy (p186)

Speech and language professionals provide life-changing treatment and support for patients with a range of speech, language and hearing problems. Through our on-site speech and language therapy clinic, you'll gain real practical experience of supporting children and adults with various communication disabilities, preparing you for a successful career.

Careers and employability

Careers in health professions are extremely rewarding, giving you the chance to have a real, life-changing impact on the lives of children and adults. Our Nursing, Orthoptics and Speech and Language Therapy degrees are all three-year courses. The Dental Hygiene and Dental Therapy course is a 27-month course. Upon completion you'll be eligible to register with the relevant professional body and begin your career.

Graduates of our health professions courses typically earn an average salary of £22,000 after six months, before progressing through the health service's pay scales. With experience, advancement and specialist development, salaries can reach £40,000–£60,000.

Related courses	
Dentistry	Page 87
Bio-dental Science and Technology	Page 56
Health and Human Sciences	Page 119
Medicine	Page 144

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A creative place to study

You'll work with award-winning academics on projects that bring history to life, from online history blog New Histories – run entirely by students – to WikiAmerica, the history of America all in one place. Our students are passionate about what they do and it shows. You can also learn the craft of the historian on our History Workshop module. You'll work closely with one of our academics on real-life research, giving you an insight into what historians actually do.

BA History

We cover past societies, from the late antiquity through to the modern period, addressing political, social and cultural themes in history. You'll learn to exercise independent judgement, to be critical of accepted opinion and to present your arguments effectively.

BA English and History

By studying these natural partners together you'll understand the historical context of the great works of literature, and develop skills in literary analysis that will serve you well in the study of historical sources.

BA History and Modern Languages and Cultures

This four-year course allows you to learn a language with history. You spend your third year abroad. Optional modules focus on the literature, culture and language of your chosen country.

BA History and Politics

Contemporary politics and political theory, particularly in Britain and Europe, is complemented by the study of social and cultural themes in history.

BA History and Sociology

Studying both subjects, you'll develop an understanding of past societies and patterns of social change.

BA History and Philosophy

A knowledge of philosophy can make you a very effective student of history, and your history modules will help you to understand the context of some of the great works of philosophy.

BA Archaeology and History

This course offers a chance to experience practical and theoretical archaeology. In your final year you'll undertake extended research, allowing you to combine your knowledge of history and archaeology.

BA Chinese Studies and History
BA Japanese Studies and History

These four-year courses allow you to learn a language and spend a year at a university in China or Japan. You don't need prior experience of either language.

BA History and Music

This course offers the chance to study a wide range of musical genres including classical, pop, jazz, folk and world music alongside political, social and cultural history from the ancient world to the modern day.

Work experience

You can study our courses with the Degree with Employment Experience option. This allows you to apply for a placement year during your degree where you'll gain valuable experience and improve your employability.

History in the City

Studying history at Sheffield also gives you the opportunity to get involved in a range of exciting activities through our History in the City programme, helping you to engage with history in new ways and get even more out of your degree. History in the City is student-led so you can get involved in the committee or just take part in one of our projects such as mentoring A Level students; taking historical artefacts to local schools to engage students in history from a younger age; writing and/or editing articles for our online magazine; or exploring oral history through talking to local residents in our Witness project.

What our graduates do

History graduates are highly skilled and readily employable. Our students become history teachers, accountants and consultants, civil servants, lawyers, museum curators, and archivists or journalists. Many continue to masters or doctorate level. Companies that have employed our graduates include Accenture, Ernst and Young, PricewaterhouseCoopers and DLA Piper. You'll find our graduates in organisations ranging from the Foreign and Commonwealth Office, to the Imperial War Museum and the National Archives, to BBC Online and The Guardian.

UCAS Code	Course	A Level	IB	BTEC	Additional information
BA(Honours)					
V100	**History**	AAB	34	Only considered when combined with other qualifications	Typically including History or Classical Civilisation A Level grade A or IB Higher Level grade 6
VL12	**History and Politics**				Typically including History or Classical Civilisation A Level grade A or IB Higher Level grade 6 GCSE Maths grade 4 or C
VL13	**History and Sociology**				Typically including History or Classical Civilisation A Level or IB Higher Level grade 5
VV15	**History and Philosophy**				Typically including History or Classical Civilisation A Level or IB Higher Level grade 5
VW13	**History and Music**				Typically including History or Classical Civilisation at A Level or IB Higher level grade 5 and including Music or Music Technology at A Level or IB Higher Level grade 5 (or Grade 8 Practical (ABRSM/Trinity/ Rockschool) + grade 5 Theory (ABRSM/ Trinity))

Part-time: History BA(Honours) is available to study part-time and has the same entry requirements as the full-time course. For details on how to apply for the part-time option, contact the department.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

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Related courses	
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History with Foundation Year (alternative route for mature students)	Page 198
History and Modern Languages and Cultures	Page 149

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Journalism Studies

www.sheffield.ac.uk/journalism
journalism-admissions@sheffield.ac.uk
+44 (0)114 222 2500

Typical A Level requirements
ABB

Additional opportunities
- **Degree with employment experience**
- **Foundation year**
- **Study abroad**

1st in the UK for journalism
The Complete University Guide 2020

UK top five for journalism
The Guardian University League Table 2020
The Times and Sunday Times Good University Guide 2020

See the bigger picture by joining the UK's number one journalism department. Editors know a Sheffield graduate can make a world-class journalist.

How we teach

Many universities teach journalism, but we show our students journalism's bigger picture.

Study with us and you'll learn vital practical skills: how to spot big stories and write sparkling copy, video editing, shorthand and advanced social media. Because of our research expertise as an elite Russell Group university, you'll also discover how journalism is part of an epic social narrative about right and wrong, liberty and democracy, war and peace; about the life stories of people, societies, and entire continents.

We don't just teach you how – we show you why. That's why editors know a Sheffield graduate can make a world-class journalist.

Professional accreditation

Our BA Journalism Studies degree is currently accredited by the National Council for the Training of Journalists and the Professional Publishers Association.

Learn from professionals

Join us and you'll be taught by professional journalists with years of experience in TV, radio, newspapers and magazines; and by influential academic researchers with international reputations, who write the textbooks that journalists learn from.

As part of your course, you'll practise journalism for real, covering your own patch in the city. We'll help you to develop practical skills like finding and researching stories, interviewing techniques, data journalism, camera and digital editing, mobile reporting and publishing. Every assignment will present a different challenge. You could be on location filming for a documentary. You may be reporting from a courtroom on the details of a criminal prosecution. Another day could find you interviewing a celebrity or a sports star. You'll face real-time deadlines for your reporting and publish your work on public-facing sites, just like pro journalists.

At the same time you'll be immersed in journalism's bigger picture: the fascinating ethical and legal issues faced by reporters and editors; the profession's rich history; public and political communication; threats to freedom of expression; the impact of digital media on societies around the world. You'll learn journalism by doing journalism – and you'll learn why it matters.

Your work experience will enable you to build up a portfolio of work and put together a CV. Our many connections in the industry, together with our dedicated employability officer, help to open up a huge range of work experience opportunities. We'll find a placement for you or support you to arrange one yourself. Settings for recent placements have included ITV Tonight, Liverpool Echo, Press Association (news, features and sport), Gay Times, Yorkshire Post, Soccer AM, and local and national radio. Check out jusplacement.group.shef.ac.uk and #jusplacement on Twitter to see what our students say about their placements. You'll build up your own professional network and get to know journalism inside out.

What our graduates do

Our graduates are highly regarded by employers and work right across the media. Many begin on local newspapers and radio as junior reporters and the best move up to national or international level in roles such as editor or digital media editor. Some specialise in social media or video production. Recent graduates have gone on to work in media roles with the BBC, Bloomberg, Daily Mail, Endemol, Good Housekeeping, The Guardian, Marie Claire, Press Association, Yahoo UK and local newspapers and radio, and in communications work with with Morrisons, Oxford University Press, Center Parcs, Royal Television Society, local authorities, police, PR agencies, retailers, colleges and universities.

"The practical elements of the course were the most useful for me – being allocated a patch of the city to cover allowed me to experience real reporting for the first time, building up a contacts base and learning to recognise good news stories."

Martha Kelner
Sports Correspondent, Sky News

UCAS Code | Course		A Level	IB	BTEC
BA(Honours)				
P500	**Journalism Studies**	ABB	33	DDD

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

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For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related course	
Journalism with Foundation Year (alternative route for mature students)	Page 198

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"I decided to study landscape architecture to combine my love of art and geography. It's a subject that gives me practical skills and will lead to a career where I can influence the way people live on a daily basis. We also get to go on a lot of field trips, which is always fun."

Emily James
BA Landscape Architecture

Landscape Architecture

www.sheffield.ac.uk/landscape
landscape-admissions@sheffield.ac.uk
+44 (0)114 222 0602

Typical A Level requirements
ABB

Additional opportunities
- **Degree with employment experience**
- **Study abroad**

UK top 5 for town and country planning and landscape
The Times and Sunday Times Good University Guide 2020

Our Landscape Institute accredited courses will teach you how to design, plan and manage inspirational places that benefit people and nature.

A creative profession

Landscape architecture is about the design, planning and management of places that benefit people and nature. Landscape architects create spaces between buildings that are both inspirational and functional. If you have a flair for creativity and a passion for improving the environment and people's lives, then landscape architecture could be for you.

As the only independent department of landscape architecture in the UK, we have the breadth of expertise to encourage our students' ambitions in the directions that excite them the most.

Shaping the city

Sheffield is a dynamic city and an ideal place in which to study landscape architecture. Its changing face has been shaped by department-led initiatives like Grey to Green and Love Square, which give students the chance to be involved with live projects and see the difference landscape architecture can make. Sheffield combines the urban with awe-inspiring views of the neighbouring Peak District, making it a rich learning and research environment.

Courses that work

Our courses are designed to meet the needs of the modern profession. You'll work on real landscape projects, developed through experimentation and discussion in the design studio. You'll develop skills in teamworking, presentation, project management and IT.

Out and about

We believe that landscape architecture is best learned outdoors, so field trips and site visits are an essential part of your learning. Plant and tree walks will improve your botanical knowledge, while history lectures take place in the grounds of some of the most significant landscapes in the UK. Students go on a week-long residential trip – most recently to Reykjavik, Vienna and Munich – the cost of which is included in your course fee.

Professional accreditation

All our undergraduate courses are accredited by the Landscape Institute. They're the only accredited courses in the UK to combine training in landscape architecture with a specialism in another field. Both our undergraduate degrees include a year in practice, which will allow you to develop your portfolio, whilst being paid, and help you to gain valuable professional experience.

BA Landscape Architecture

The aim of this course is to train landscape architects who understand planning and how design proposals affect the environment. You'll study urban theory, planning and practice, and the complex relationship between people and the environment. This combination of design skills and broader knowledge is good preparation for a career working alongside other environmental design professionals.

BSc Landscape Architecture

Including specialist training in ecology, this course is designed to equip you with a specific set of skills that will set you apart from other landscape graduates. The focus is on urban regeneration and development. You'll work on green technologies such as sustainable urban drainage, green roofs and brownfield restoration. You'll understand the impact of design proposals on habitats and be able to assist in the restoration of degraded environments.

What our graduates do

Our graduates are in demand: the latest figures show that 100 per cent of our home undergraduate students secured employment or further study within six months of graduation. Industry figures come to our end of year exhibition and advertise vacancies with us. Our graduates work all over the world and find employment in private practice, community development agencies, local authorities and national governments. Alumni include a former President of the International Federation of Landscape Architects and multiple RHS medal winners.

UCAS Code	Course	A Level	IB	BTEC
BA(Honours)				
K3K4	**Landscape Architecture**	ABB	33	DDD
BSc(Honours)				
KC39	**Landscape Architecture**	ABB	33	DDD

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Architecture and Landscape	Page 50
Landscape Architecture with Foundation Year (alternative route for mature students)	Page 198

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Languages at Sheffield

You'll study with passionate, trained linguists to develop your skills and understanding of language across cultures and countries. You can combine learning a language with a wide range of other subjects. Languages you can study at the University of Sheffield include:

- Arabic
- Catalan
- Chinese
- Czech
- Dutch
- French
- German
- Irish
- Italian
- Japanese
- Korean
- Latin
- Luxembourgish
- Polish
- Portuguese
- Russian
- Spanish

School of Languages and Cultures (p149)

You can choose to study one, two or three languages from the following: Catalan, Czech, Dutch, French, German, Italian, Luxembourgish, Portuguese, Russian and Spanish. You will study languages within the context of their cultures through our dynamic and innovative research-led teaching. All of our languages can be taken from beginners' level and you will spend your third year studying or working abroad.

East Asian Studies (p90)

As one of Europe's leading centres for research on East Asia, our work promotes understanding of the world's most dynamic region. Our courses will immerse you in the languages and cultures of China, Japan and Korea. We focus on the business, politics, societies, cultures, economies and history of modern and contemporary East Asia.

Law (p132)

Our School of Law offers four-year degree programmes, which combine the study of law with the continued development of your French, German or Spanish language skills. You can also study Law with Chinese Law with no prior knowledge of Mandarin. You'll study the legal and political structure of the relevant country and spend your third year abroad studying at a partner university.

Mathematics (p138)

You can study French, German or Spanish language modules alongside mathematics. You'll spend your third year abroad, learning maths in the relevant language.

Engineering (p104)

It's possible to study some engineering subjects alongside a language. These include: civil engineering, electronic and electrical engineering, and mechanical engineering.

Languages for All

Languages for All is our university-wide scheme for all students wishing to develop foreign language skills. This could be a learning a language from scratch, or continuing to build on language skills learnt at school or college. Languages for All can count towards your overall course mark depending on whether you have unrestricted credits in your degree programme.

Related courses	
Archaeology and Modern Languages & Cultures	Page 149
Business Management and Japanese Studies	Page 69
Business Management and Modern Languages & Cultures	Page 149
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Chinese Studies and Business Management	Page 92
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Music and Modern Languages & Cultures	Page 149
Philosophy and Modern Languages & Cultures	Page 149
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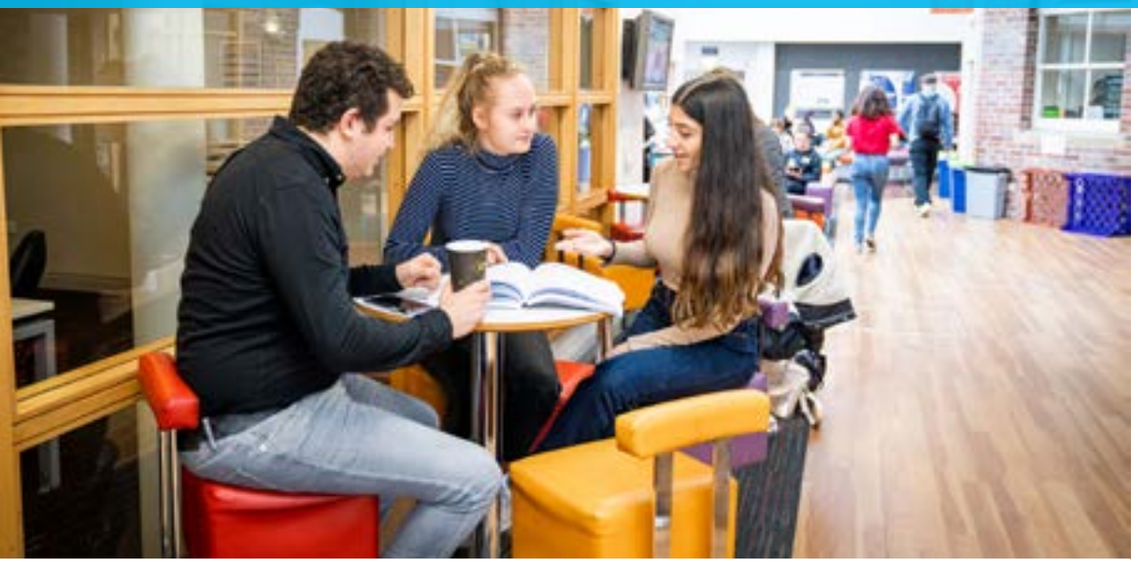

Law

www.sheffield.ac.uk/law
law-admissions@sheffield.ac.uk
+44 (0)114 222 6771

Typical A Level requirements
AAA–AAB

Additional opportunities
- **Study abroad**
- **Degree with employment experience**

A World Top 100 law department
The Times Higher Education World University Rankings 2020

90% overall satisfaction
National Student Survey 2019

UK top 10 for research excellence
Research Excellence Framework 2014

We have one of the largest study abroad programmes in the UK.

A first-class law school with an international outlook, combining real-world experience with the highest academic standards.

Make a difference

All of our courses prepare you for the challenges of professional life. Learning to identify and address the complex legal, moral, ethical or social questions that underpin the law is key to your success here.

Your teachers will be researching the very latest aspects of law and criminology and amongst them are practising legal professionals. Their discoveries become yours, as their research filters into teaching.

Top law firms regularly visit us to meet our students and take a hands-on approach by contributing to your wider education. They also interview our high-achieving students for jobs.

Pro bono and voluntary experience

We have many places for voluntary work experience, which gives you the chance to do real client work that has a positive impact in the community. You can get involved in our free legal clinic and the Miscarriages of Justice Review Centre, an opportunity to work on cases of wrongful imprisonment. You can work on our commercial pro bono project, on our criminal justice initiative or at the courts, providing help and support to individual litigants. You can also work with several local charities as a trained adviser, helping individuals with their legal problems.

Our courses

Our courses have been designed by our top academics in consultation with the legal profession to maximise your employability. You'll gain skills such as logic and reasoning, networking, understanding of professional communication, teamwork and independent research so as soon as you finish your course, you'll be prepared to enter the workplace and hit the ground running.

LLB Law

This three-year course introduces you to all the subjects you need to develop a critical understanding of modern English law. You'll learn how the law works in our society and how it changes and develops. There is a great deal of flexibility built into the Sheffield LLB curriculum. Our range of expertise means we can offer a choice of optional modules. Whether you choose commercial-based subjects, or international law, human rights, or criminal law and evidence, you can build your LLB to suit your strengths and career aspirations.

LLB Law (European and International)

This is a four-year course including a year of studying abroad in a choice of over 75 destinations. It covers all the basic subjects in the Common Law of England and Wales, but with an emphasis on the European and international legal contexts.

You study the principles of comparative law in the first year, and international law in the second year. You spend your third year studying law – in English – at one of our partner universities overseas. You then return to Sheffield to complete your final year.

LLB Law and Criminology

Criminology is a major specialism here – this programme was one of the first of its type in the country. Our three-year course covers the foundational legal subjects and combines them with a thorough study of the principles of criminology. These include criminal justice, explanations of crime and punishment, and other responses to the phenomenon of crime.

LLB Law (with Spanish or Chinese Law)

These four-year degrees combine the study of law with the development of language skills. The courses focus on the legal and political structure of Spain or China and provide you with expertise in the law of the relevant country. You'll spend your third year abroad studying in the law faculty of a partner university, developing both your legal knowledge and your language skills. On the LLB Law with Spanish Law course you will be taught in Spanish during your year abroad. On the LLB Law with Chinese Law course your year abroad will be taught in English, so no prior knowledge of Mandarin is required. Returning to Sheffield for your final year, you choose from a range of optional modules to complete your studies.

BA Criminology

Criminology has been taught here for more than 35 years and we are proud of our outstanding reputation in this area. On this three-year course, you'll be taught by internationally-renowned criminologists, whose research influences their teaching.

You'll examine real-world examples of crime and punishment, and get to grips with the history of how different societies have understood and responded to crime. You'll also choose between a range of optional modules that cover topics like policing, youth justice and internet crime. We have links with international centres of criminal justice and criminology, including in the US.

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Study abroad

Our degrees have a strong international focus to prepare you for a career that could take you anywhere. Our study abroad scheme is one of the largest of its kind in the UK and includes destinations in Europe, Australia, China, the US and Canada.

If you're taking a three-year course you can extend your degree and study abroad for a year.

What our graduates do

Many of our students enter the legal profession as barristers or solicitors. Upon completion of our LLB courses, you'll be eligible to take the MA in Legal Practice (Legal Practice Course) or Bar Professional Training Course for entry to the legal profession in England and Wales, either as a solicitor or barrister.

Many of our graduates secure training contracts as solicitors in top law firms. Our former students have joined global, national and regional law firms, barristers' chambers and have become judges. Three Lord Justices of Appeal are among our former graduates and regularly visit to support us. With all the opportunities and skills on offer here, our students have also taken up careers in the criminal justice system and in a wide range of managerial professions.

GLOSS

Our department is part of the University's Faculty of Social Sciences so our students can take part in exciting initiatives like our Global Learning Opportunities in the Social Sciences (GLOSS) scheme. GLOSS gives both undergraduate and postgraduate students the chance to apply to attend major international summits like the G20.

Find out more here: **www.sheffield.ac.uk/gloss**

UCAS Code | Course		A Level	IB	BTEC	Additional information
LLB(Honours)					
M100	**Law**	AAA	36	D*DD	
M120	**Law (European and International)**				
M930	**Law and Criminology**	AAB	34	DDD	
M1M4	**Law (with Spanish Law)**			Only considered when combined with other qualifications	Spanish at A Level or IB Higher Level grade 5
M1M5	**Law (with Chinese Law)**			DDD	
BA(Honours)					
M900	**Criminology**	AAB	34	DDD	

Subject requirements for M1M5 Law (with Chinese Law): applicants are not required to hold an A Level language as the course is taught in English in both centres.

Additional requirements: At least two of the three A Levels offered should be in acceptable subjects. For more details please refer to: www.sheffield.ac.uk/undergraduate/policies/alevel

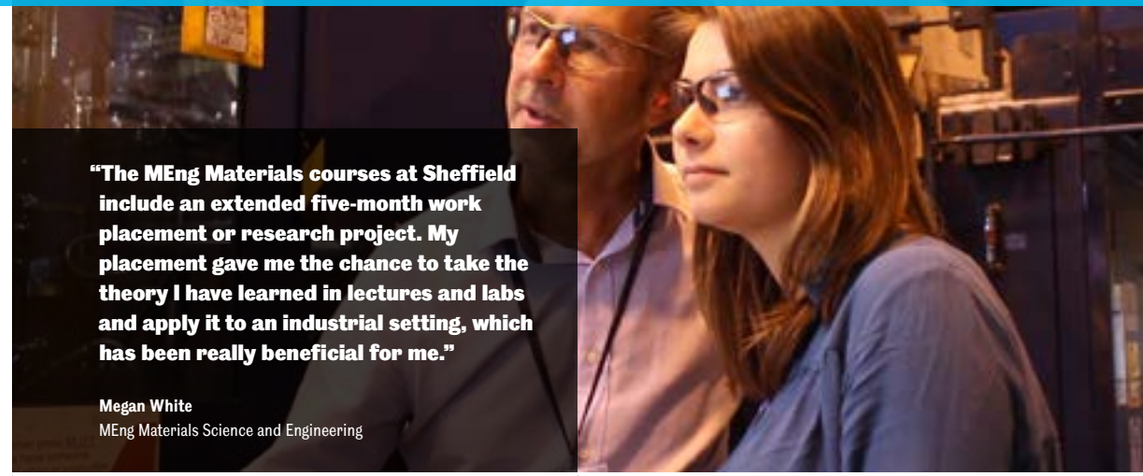
English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield



"The MEng Materials courses at Sheffield include an extended five-month work placement or research project. My placement gave me the chance to take the theory I have learned in lectures and labs and apply it to an industrial setting, which has been really beneficial for me."

Megan White
MEng Materials Science and Engineering

Materials Science and Engineering

www.sheffield.ac.uk/materials
mse.ugadmissions@sheffield.ac.uk
+44 (0)114 222 5467

Typical A Level requirements

Direct entry	Foundation year
AAA–AAB	**BBB–BBC**

Additional opportunities

- **Degree with employment experience**
- **Study abroad**

1st in the UK Russell Group for Graduate Prospects in Materials Technology
The Times Good University Guide 2020

2nd in the UK for overall satisfaction
National Student Survey 2019

Guaranteed five-month extended industrial placement for all MEng students.

Our courses are designed to inspire and challenge you to achieve your best. Based on the latest developments in research and industry, our multidisciplinary teaching prepares you for the professional world.

What is materials science and engineering?

Materials is an extremely important area of technology as any physical thing that is made has to be created from materials. Frequently the properties those materials can achieve are what controls the performance.

Materials science teaches us what things are made of and why they behave as they do. Materials engineering shows us how to apply knowledge to make better things and to make things better. With this expertise, you can bring about real advances in technology leading to improvements to society and the environment.

Why study at Sheffield?

Sheffield has always been a centre of materials innovation, and with a history of research excellence that can be traced back more than 138 years, this department was one of the foundation stones of the University.

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We strive to give you an unforgettable experience. By accessing state-of-the-art multidisciplinary engineering laboratories, direct contact with industrial partners, and excellent learning resources, you will be given the opportunity and support to develop the skills you need to succeed at university and flourish in your career once you graduate.

Professional accreditation

All our degree courses are fully accredited by the IOM3, meaning they count towards later professional registration as an Incorporated Engineer (IEng) or Chartered Engineer (CEng).

BEng or MEng Materials Science and Engineering

In our core undergraduate degree, you'll discover the underlying principles of materials science, and how these are applied across materials engineering situations. You can keep your course general or tailor your degree with optional materials modules.

As well as lectures and tutorials, you'll learn through experiencing real-world engineering situations with extensive practical work in important manufacturing processes and using the latest investigative equipment. In your second year you will reverse engineer an everyday object to understand which materials are used and why. You'll then report your findings to industrial experts.

If you enjoy a specific area of materials science, you may choose to switch to one of the following more specialised courses before the end of the second year.

BEng Materials Science and Engineering (Year in Industry)

This four-year degree combines the core BEng degree with an opportunity to spend a year on an industrial placement.

MEng Materials Science and Engineering (Research)

This unique degree helps to prepare you for a research career, doctoral research leading to a PhD, or an alternative career as, for example, a patent attorney.

MEng Materials Science with Nuclear Engineering

This course has been designed in consultation with the nuclear industry to help meet their extensive needs for new materials.

MEng Metallurgy

Drawing on the great history of metallurgy in Sheffield, this course focuses on the nature, properties and processing of metals. It includes an industrial placement in the metals industry.

MEng Materials Science and Engineering with a Foundation Year

If you want to study with us but don't meet our standard entry requirements, our foundation year could be for you. You'll learn the fundamentals of maths, physics and engineering in a variety of innovative ways to prepare you for your degree.

For more information about our foundation year, see page 197 or visit www.sheffield.ac.uk/sefy

Take control of your career

With all our BEng and MEng courses, you'll have the opportunity to work closely with industry and current research – a great way of getting additional experience and improving your CV.

Students on the BEng degree can apply for a summer placement via the University Careers Service and complete a one-year placement in industry, supported by the Employability Placement Team, at the end of Year 2.

Students on the MEng degree will complete a five-month placement in industry and take part in three Industrial Training Programmes (ITP) which include industry contact throughout years 3 and 4. Students on the MEng Materials Science and Engineering (Research) degree will complete a placement in one of our research centres, as well as a series of mini-projects, each six weeks long, giving you exposure to a diverse range of research domains, techniques and equipment.

What our graduates do

Prospective employers recognise the value of our courses, and that students are fully equipped to apply their knowledge to industry and further research. Above all else they value graduates with specialist skills and personal experience.

Our graduates work for organisations including Atkins, McLaren, Rolls-Royce and Airbus as materials engineers, metallurgists, manufacturing engineers, research scientists and in other roles.

UCAS Code | Course		A Level	IB	BTEC	Additional information
MEng(Honours)					
J500	**Materials Science and Engineering**	AAA	36	Only considered when combined with other qualifications	Two of Maths, Physics or Chemistry at A Level or IB Higher Level grade 6 GCSE Maths grade 6 or B
J505	**Materials Science and Engineering (Research)**				
F2H8	**Materials Science with Nuclear Engineering**				
J200	**Metallurgy**				
BEng(Honours)					
JH51	**Materials Science and Engineering**	AAB	34	Only considered when combined with other qualifications	Two of Maths, Physics or Chemistry at A Level or IB Higher Level grade 6,5 GCSE Maths grade 6 or B
J591	**Materials Science and Engineering with a Year in Industry**				
Foundation Year					
J501	**Materials Science and Engineering with a Foundation Year**	BBB–BBC	32–31	DDD	Dependent on subjects studied Minimum GCSE Maths and Science grade 6 or B A Level General Studies and Critical Thinking not accepted

Subject requirements for J500, J505, F2H8, J200, JH51, J591: GCSE grade 4 or C required in Physics or Chemistry if not taken at A Level or IB Higher Level.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

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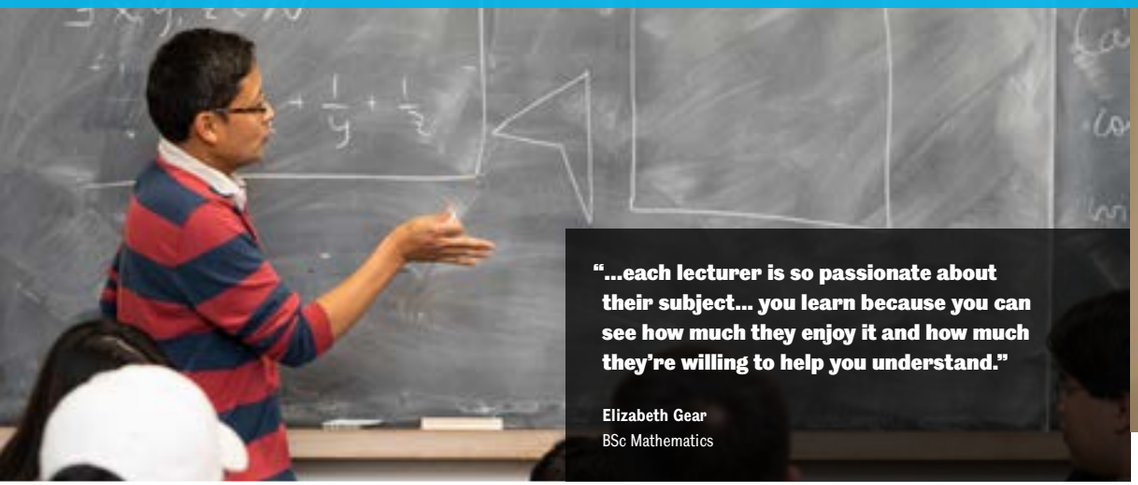
Bioengineering	Page 58
General Engineering (MEng/BEng)	Page 112



"...each lecturer is so passionate about their subject... you learn because you can see how much they enjoy it and how much they're willing to help you understand."

Elizabeth Gear
BSc Mathematics

Mathematics and Statistics

www.sheffield.ac.uk/maths/prospectiveug
maths.admiss@sheffield.ac.uk
+44 (0)114 222 3999

Typical A Level requirements
AAA–AAB

Additional opportunities
- **Placement year**
- **Study abroad**

3rd in the Russell Group for overall satisfaction
National Student Survey 2019

From geometry to probability, our courses cover all aspects of mathematics, pure and applied. With modules in finance, science, engineering and medical applications, we showcase the wide-ranging relevance and importance of mathematics.

A broad range of mathematics

Our staff apply maths in lots of ways you might not expect, such as tracking animal movements or understanding black holes. We've also got lots of expertise in traditional areas of pure mathematics, like algebraic geometry and number theory. This means you'll have lots of module options, from cryptography to machine learning.

Our range of courses

As well as our standard mathematics courses, we give you the opportunity to do something a little different as part of your degree. You can study abroad, do a work placement, or both. You can also study mathematics with other subjects, from finance to philosophy.

Our community

There are lots of ways to explore your passion for mathematics with other students. At pizza seminars you can solve puzzles together over a few slices. You can inspire young people across Sheffield with mathematics through our schools programme. You can even take part in international rocket competitions by joining our Sheffield Space Initiative. There's also the Sheffield University Mathematics Society (SUMS), who organise socials, sports and fundraisers, and help influence changes you'd like to see on your course.

Mathematics – BSc or MMath

The MMath is our flagship course for those thinking of a career as a professional mathematician. MMath and BSc students study identical courses for the first two years, after which MMath students progress to more advanced material. Both courses offer you a huge range of optional modules, from codes and cryptography to mathematical biology.

A large part of the final year of the MMath course is spent on a research project, providing an opportunity for independent study, guided by a member of academic staff in their area of expertise.

Mathematics and Statistics – BSc or MMath

These degrees are for those who wish to specialise in statistics, whilst developing broader mathematical understanding. You'll learn statistical data analysis and computing skills, and have the opportunity to apply these in project work. Our Mathematics and Statistics degrees are accredited by the Royal Statistical Society.

Mathematics with Placement Year

You have the opportunity to spend a year of your degree on a placement: working while you learn, earning while you work, and gaining valuable experience. Recent employers include Lloyds Bank, L'Oréal and Goldman Sachs.

You can apply directly for one of our degrees with a placement year. Alternatively, you can find work experience during your degree, and add Employment Experience to your degree title.

Mathematics with a Language (French, German or Spanish)

You'll study language modules alongside mathematics. Your third year is spent at a French, German or Spanish university, learning mathematics in the relevant language. You'll need a qualification in the relevant language before starting one of these courses.

Mathematics with Study in Europe

Your third year is spent at a European university, learning mathematics in the language of the country. To prepare, you'll take language modules as well as mathematics in your first two years.

Mathematics with a Year Abroad

You could take part of your degree at one of our English-speaking partner universities in, for example, Australia, North America or Singapore.

Financial Mathematics

This degree focuses on mathematics used in quantitative finance applications, such as models of fluctuations of share prices on the stock exchange, financial derivatives and corporate finance. Modules in enterprise, business and economics are taught by the Management School and the Department of Economics.

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Mathematics and Philosophy

This is a challenging and rewarding combination. Both subjects require careful, rigorous reasoning as well as imagination. The philosophy side of the course is flexible as there are no compulsory modules.

What our graduates do

Mathematics and statistics graduates are essential to the world's economy in the age of big data. Many of our students apply their numerical skills in the financial sector, but many other industries now need graduates with the ability to process and analyse large data sets, solve problems with mathematical precision and make informed decisions by interpreting figures.

Sheffield maths graduates are often recruited by leading graduate employers such as PriceWaterhouseCoopers, KPMG and Deloitte, going on to successful careers in finance, accounting, tax, pensions, insurance and actuarial work.

Others work in IT, for employers ranging from the BBC to the Ministry of Defence, or for organisations that manage large amounts of data, such as the NHS. You can also take your specialist skills to the next level with a postgraduate degree.

UCAS Code | Course		A Level	IB	BTEC	Additional information
MMath(Honours)					
G103	**Mathematics**	AAA	36	D*DD	Maths at A Level or IB Higher Level grade 6
G102	**Mathematics with Study in Europe**	AAB	34	DDD	Maths at A Level grade A or IB Higher Level grade 6 GCSE grade A* or 8 or AS Level grade B or A Level grade C in a Modern Foreign Language
G106	**Mathematics with Study Abroad**	AAA	36	D*DD	Maths at A Level or IB Higher Level grade 6
G1R1	**Mathematics with French Language**	AAB	34	Only considered when combined with other qualifications	A Level Maths grade A and French grade B IB Higher Level Maths grade 6 and French grade 5
G1R2	**Mathematics with German Language**				A Level Maths grade A and German grade B IB Higher Level Maths grade 6 and German grade 5
G1R4	**Mathematics with Spanish Language**				A Level Maths grade A and Spanish grade B IB Higher Level Maths grade 6 and Spanish grade 5
G110	**Mathematics and Statistics**	AAA	36	D*DD	Maths at A Level or IB Higher Level grade 6
GG12	**Mathematics with Placement Year**				
GG14	**Mathematics and Statistics with Placement Year**				
BSc(Honours)					
G100	**Mathematics**	AAB	34	DDD	Maths A Level grade A or IB Higher Level grade 6
GN13	**Financial Mathematics**				
VG51	**Mathematics and Philosophy**				
G112	**Mathematics and Statistics**				
GG11	**Mathematics with Placement Year**	AAA	36	D*DD	Maths at A Level or IB Higher Level grade 6
GG13	**Mathematics and Statistics with Placement Year**				

English language requirements: see page 209.

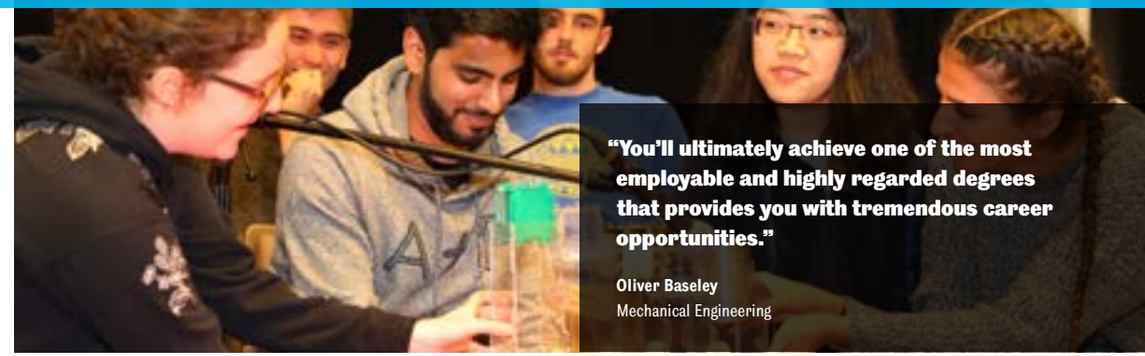
Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Accounting and Financial Management and Mathematics	Page 40
Business Management and Mathematics	Page 69
Economics and Mathematics	Page 96



"You'll ultimately achieve one of the most employable and highly regarded degrees that provides you with tremendous career opportunities."

Oliver Baseley
Mechanical Engineering

Mechanical Engineering

www.sheffield.ac.uk/mecheng
admit.mech@sheffield.ac.uk
+44 (0)114 222 7801

Typical A Level requirements

Direct entry **AAA**

Foundation year **BBB–BBC**

Additional opportunities

- **Degree with employment experience**
- **Study abroad**

No 1 in the Russell Group for overall satisfaction
National Student Survey 2019

All our courses give you the chance to work on real engineering projects with our partners in industry.

About us

At Sheffield, our students learn by doing – connecting engineering theory to practice. This means our courses will challenge and engage you, but also help you to develop the skills, knowledge and experience that employers look for. You'll have the chance to manufacture and prototype your designs, as well as being introduced to business and management in an engineering context. You'll be taught by academics who are experts in their fields, with a wealth of experience and links with industry and research. You'll also have the chance to work on real-life projects with our industrial partners – such as Rolls-Royce, Siemens and Network Rail – giving you experience that will support your employability.

Get involved

Alongside different engineering project weeks and development programmes, our students are involved in a huge range of extra-curricular activities – from building single-seat racing cars and human powered aircraft, to designing and manufacturing a sustainable wind turbine, energy efficient vehicles, rockets, and more.

Professional accreditation

All of our courses are accredited by the Institution of Mechanical Engineers. Our MEng courses meet all of the academic requirements for Chartered Engineer (CEng) status. Our BEng courses meet, in part, the academic requirements for Chartered Engineer status and students will need to complete some further learning to meet them in full.

MEng Mechanical Engineering

This is the most flexible of our MEng degrees. It covers fundamental engineering principles, while giving you the freedom to follow individual interests in your third and fourth years. There is a strong focus on engineering design and modelling throughout the course, which gives you plenty of opportunities to apply your theoretical knowledge to practical engineering problems. You'll also be introduced to business and management in an engineering context.

MEng Mechanical Engineering with a Year in Industry

Following the same syllabus as the MEng Mechanical Engineering, this course complements your learning with a year working in a mechanical engineering company. A year in industry is an excellent opportunity to build a work profile, learn more about your own career interests, and start your journey towards being a professionally recognised engineer. You'll be responsible for finding your own placement but the departmental and faculty careers and employability teams will help you find the right position, and get the most out of your placement.

MEng Mechanical Engineering with Biomechanics

This degree is for students who want a core mechanical engineering curriculum but have an interest in life sciences and non-conventional engineering problems. You'll learn how to apply mechanical engineering concepts to traditional engineering problems, and then explore how the same principles can be applied to a more challenging and fascinating problem: the human body.

MEng Mechanical Engineering with Biomechanics with a Year in Industry

Following the same syllabus as the MEng Mechanical Engineering with Biomechanics, this course complements your learning with a year working in industry. This will put your academic studies into context and improve your skills and employability. You'll be responsible for finding your own placement but the departmental and faculty careers and employability teams will help you find the right position and get the most out of your placement.

MEng Mechanical Engineering with a Year in North America

With our study abroad programme, you can study at a leading university in the USA or Canada as part of your degree without extending the length of your course. You'll study core topics in mechanical engineering while experiencing a different culture and developing international business skills.

MEng Mechanical Engineering with French, German or Spanish

These courses combine the study of core mechanical engineering topics with language modules, offering you the chance to spend your third year studying mechanical engineering at one of our partner universities. A year abroad will help you become fluent in your chosen language and offers a fantastic opportunity to experience another culture and develop your confidence and independence. The courses cover all the essentials of mechanical engineering, with an emphasis on modelling and design. You'll be introduced to business and management in an engineering context, and you'll also complete an individual project in an area that interests you.

MEng Mechanical Engineering with a Semester in China

Our study abroad programme gives you the chance to study at a university in China as part of your undergraduate degree, without extending the length of your course. It is a great opportunity to experience a different culture and develop international business skills, while studying core topics in mechanical engineering. In China, you'll start with an introduction to Chinese culture and language and then study the same topics as your peers at the University of Sheffield. The course is taught in English.

BEng Mechanical Engineering

Our BEng Mechanical Engineering provides an excellent alternative to an MEng course if you'd prefer to study for three years rather than four. Many students choose this course as they would like to enter the workplace earlier, while others continue their engineering education to an MSc. This degree gives you a solid grounding in mechanical engineering with an introduction to business and management in an engineering context and an individual project in an area that interests you.

BEng Mechanical Engineering with a Year in Industry

This degree follows the same syllabus as the BEng Mechanical Engineering, but is complemented with a year working in a mechanical engineering company. This will put your academic studies into context and improve your skills and employability. You'll be responsible for finding your own placement but the departmental and faculty careers and employability teams will help you find the right position and get the most out of your placement.

Mechanical Engineering with a Foundation Year

If you want to study with us but don't meet our standard entry requirements, our foundation year could be for you. You'll learn the fundamentals of maths, physics and engineering in a variety of innovative ways to prepare you for your degree.

For more information about our foundation year, see page 197 or visit **www.sheffield.ac.uk/sefy**

What our graduates do

As a Sheffield graduate, you could enter a number of different industries and sectors including manufacturing, transport, power, research, design, consultancy and more.

UCAS Code | Course		A Level	IB	BTEC	Additional information
MEng(Honours)					
H300	**Mechanical Engineering**	AAA	36	Only considered when combined with other qualifications	Maths and one of Physics or Chemistry at A Level or IB Higher Level grade 6
H304	**Mechanical Engineering with a Year in Industry**				
H3H6	**Mechanical Engineering with Biomechanics**				
H3H7	**Mechanical Engineering with Biomechanics with a Year in Industry**				
H3R1	**Mechanical Engineering with French**				Maths and one of Physics or Chemistry at A Level or IB Higher Level grade 6 GCSE grade 7 or A in the chosen language
H3R2	**Mechanical Engineering with German**				
H3R4	**Mechanical Engineering with Spanish**				
H306	**Mechanical Engineering with a Semester in China**				Maths and one of Physics or Chemistry at A Level or IB Higher Level grade 6
H3T7	**Mechanical Engineering with a Year in North America**				
BEng(Honours)					
H302	**Mechanical Engineering**	AAA	36	Only considered when combined with other qualifications	Maths and one of Physics or Chemistry at A Level or IB Higher Level grade 6
H305	**Mechanical Engineering with a Year in Industry**				
Foundation Year					
H301	**Mechanical Engineering with a Foundation Year**	BBB–BBC	32–31	DDD	Dependent on subjects studied Minimum GCSE Maths and Science grade 6 or B A Level General Studies and Critical Thinking not accepted

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related course	
General Engineering (MEng/BEng)	Page 112

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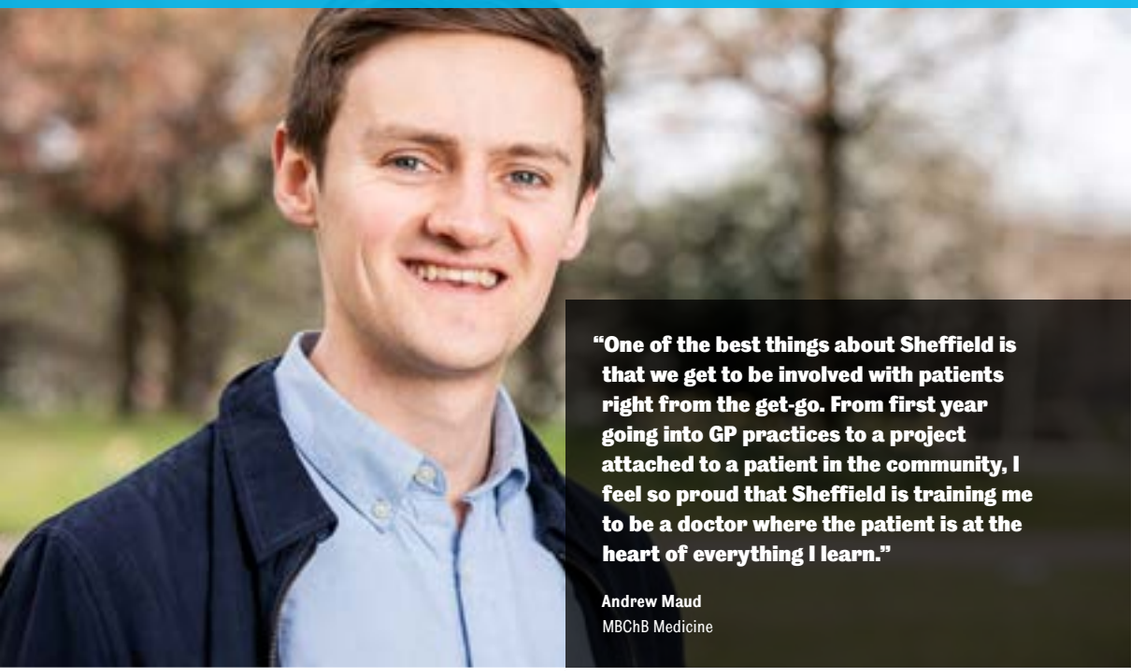

"One of the best things about Sheffield is that we get to be involved with patients right from the get-go. From first year going into GP practices to a project attached to a patient in the community, I feel so proud that Sheffield is training me to be a doctor where the patient is at the heart of everything I learn."

Andrew Maud
MBChB Medicine

Medicine

www.sheffield.ac.uk/medicine
medadmissions@sheffield.ac.uk
+44 (0)114 222 5531

Typical A Level requirements
AAA

92% overall satisfaction
National Student Survey 2019

Our courses offer extensive, clinically-based education and training, to prepare you for a career in medicine.

Pre-admission test

The Medical School is a founding member of UCAT, a consortium of medical schools across the country that has developed a pre-admission test for entry to study medicine. All applicants must take this test. See our department web pages for further information.

Five-year course

Based on a patient-centred approach, the course is designed around common and important clinical conditions. It relates clinical medicine to the underlying medical sciences. You'll have the opportunity to develop your clinical competencies from the very start.

The course includes clinical teaching on wards in hospitals, clinics (both in general practice and in hospitals), lectures, seminars, tutorials, small group work, full body dissection and personal development supported by experienced teachers and personal academic tutors. We aim to ensure you're well prepared for a career in medicine.

Structure of the MBChB programme

Phase 1: September to June year one
Introduction to Medical Studies and Medical Sciences, Systems-based Learning and Teaching in the Basic Medical Sciences (cardiovascular, respiratory, gastrointestinal tract and liver, nervous, musculoskeletal, skin, blood, genitourinary, endocrine and reproductive systems),

Longitudinal Early Years General Practice Placement, Multi-Professional Experience, Public Health and Population Health Science, Student Selected Components (SSCs) and Integrated Learning Activities (ILAs).

Phase 2: October year two to December year three
Research Project, Longitudinal Early Years General Practice Placement, Introduction to the Clinical Sciences, Systems-based Learning and Teaching in the Clinical Sciences, Integrated Clinical Demonstrations, Clinical Skills Teaching and Assessment. Basic Clinical Competencies, Clinical Attachments, SSC in medical ethics and law. Two elective periods (one in year 3 and one in year 4) which provide opportunities to study abroad.

Phase 3: January year three to December year four
Extended Clinical Competencies, Child Health, Women's Health, Psychiatry, Care of Older People, Neurology, Acute and Critical Care, General Clinical Care, Community Health, Public Health, Palliative Care, Specialty Attachments, Medical Audit, SSCs, ILAs, and Medical Sciences. Two elective periods (one in year three and one in year four).

Phase 4: January to June year five
Advanced Clinical Competencies, Clinical Attachments in Medical and Surgical specialties, SSC and Student Assistantship. Graduation is in July of year five. Your year as a Foundation Year 1 doctor begins in August, during which you remain under the supervision of the relevant postgraduate deanery. Following successful completion of this year you'll be fully registered with the General Medical Council (GMC).

Graduate entry

Graduates are welcome to apply to our five-year programme. There is no upper age restriction for entry to the course. However, students should be of an age where they are able to commit to the medical profession and NHS for a number of years.

Graduates with an appropriate life sciences degree who come from a widening participation background are welcome to apply to our four-year graduate-entry medicine programme, which bypasses Phase 1. Students start in Phase 2 with an introductory module instead of a research project.

Disclosure and Barring Service

All medical students are required to undergo a Disclosure and Barring Service (DBS) check before starting the course. Please see page 209 for full information.

Health requirements

All medical students are required to show that they are not infectious carriers of hepatitis B and will be required to complete a course of hepatitis immunisation after enrolment. Students undergo occupational health screening and vaccination as appropriate on arrival.

So that we can provide effective support, disabled applicants, applicants with serious health problems, or applicants who know that they are infected with hepatitis C or HIV must disclose this on their UCAS form. All potential students with significant support needs will be individually assessed to ensure that the University is able to support them on their chosen course of study.

If you have a disability, medical condition or learning difficulty, including dyslexia, please indicate this on your UCAS form. Contact the Medical Admissions Office for details of our admissions policy or visit our department website for more information.

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Sheffield Medical Society

Sheffield Medical Society supports and encourages Sheffield medical students to achieve their full potential as doctors of the future, running various events throughout the academic year including academic and social events.

What our graduates do

After graduating, you may become a Foundation Year 1 doctor, working primarily in hospitals to consolidate your knowledge. This is followed by a further foundation year. These two years give a structured and comprehensive continuation of undergraduate studies and lead on to speciality training.

You might choose to become a General Practitioner (GP) or train to become a hospital consultant. Some graduates become academic teachers of medicine or go into research. Others join the pharmaceutical industry, while some become managers in the health service. Whatever route you follow, the undergraduate course prepares you for the lifelong learning needed in medicine.

Graduates can provisionally register with the GMC. This gives you a licence to practise, providing you meet all of the GMC's Fitness to Practise guidelines. See our department web pages for more information.

What else do I need to know?

Competition for places is intense. Applicants must demonstrate commitment to the values in the NHS Constitution. Every successful applicant meets or exceeds the conditions of their offer, which is only made after an interview. It is not possible to reconsider applicants who have not met the grades.

UCAS Code	Course	A Level	IB	BTEC	Additional information
MBChB(Honours)					
A100	**Medicine (five years)**	AAA	36	Not accepted	Chemistry or Biology and a second Science required at A Level. Three higher level IB subjects required at grade 6 including Chemistry or Biology and another science. No less than grade 4 in IB Standard Level subjects. At least 5 grade 7 or A GCSEs including at least 6 or B in Mathematics, English Language and the Sciences
A101	**Graduate Entry Medicine (four years)**	BBB	32	Not accepted	Chemistry or Biology required at A level or IB Higher Level grade 5, plus a 2:1 or higher in an appropriate Life Sciences subject. Applicants must meet widening participation criteria. GCSE English Language Grade 4 or C

Subject requirements: Science subjects include Biology/Human Biology, Chemistry, Mathematics, Physics or Psychology. GCSE dual award sciences are acceptable. A Level Further Maths, General Studies and Critical Thinking are not accepted.

Unfortunately we are unable to accept exams taken early except for applicants taking four A Levels in a two year period (typically years 12 and 13) including Mathematics and Further Mathematics where we will accept the Mathematics A Level, even if it is taken in year 12 and irrespective of when it is certified. It is expected that Chemistry and another subject (that is not Critical Thinking, General Studies or Further Mathematics) will be taken in Year 13.

For graduate applicants: 2:1 or higher + BBB at A Level.

All applicants are required to have taken the UCAT in the year of application and meet a threshold which will be announced on our webpages in April 2020. Applicants are ranked by UCAT score.

For more details, please see: www.sheffield.ac.uk/medicine/prospective_ug/applying/entryrequire

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

"Studying microbiology in Sheffield is an exciting opportunity to become immersed in a dynamic, student-friendly city whilst developing the skills, knowledge and confidence required to explore the wide range of opportunities available beyond university."

Ellie Larkins
BSc Microbiology

Microbiology

www.sheffield.ac.uk/mbb
MBB@sheffield.ac.uk
+44 (0)114 222 2740

Typical A Level requirements

Direct entry **AAA–AAB**

Foundation year **BBC**

Additional opportunities

- **Year in industry**

UK top 5 for overall satisfaction
National Student Survey 2019

1st in the UK for medically related research
Research Excellence Framework 2014

UK Top 10 for biological sciences
The Times and Sunday Times Good University Guide 2020

Microbes provide us with food and natural resources but they also cause infections and are becoming more resistant to antibiotics. Our courses focus on how we can protect ourselves against the harmful effects of microbes but also use them in biotechnology.

High-quality teaching

We'll challenge you to achieve your very best. We have small tutorial groups to support your learning, extensive practical experience, and a project in the third year that could involve laboratory research, computing, clinical diagnostics, science communication, or school teaching, depending on your career aspirations.

Flexible course structure

You can study microbiology on its own or combine it with another subject in the molecular biosciences. The first year is the same for all of our courses. You're not tied to the course you register for. At the end of the first year, you can transfer to any course in the department: genetics, biochemistry, molecular biology and combinations of these subjects. You can also take time out to work on placement between years two and three, to graduate with a degree with a year in industry.

BSc or MBiolSci?

Either of these will give you a thorough knowledge of your chosen subject. The four-year MBiolSci has Advanced Accreditation from the Royal Society

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of Biology, more focus on laboratory skills, and an extensive research project, which can be based in a university or industrial lab. You can transfer in either direction between the three and four-year course during years one to three.

Biosciences with Foundation Year

If you want to study microbiology but don't meet our standard entry requirements, our foundation year could be for you. After successfully completing the one-year programme, you'll progress onto the first year of your chosen bioscience degree.

For more information about our foundation year, see page 197 or visit **www.sheffield.ac.uk/sefy**

Our student society

You can become a member of the department's student society, MBBSoc, which organises social events, charity fundraising, sports teams and academic study events.

What our graduates do

Many of our graduates are employed in pharmaceuticals and healthcare, food safety and manufacture, brewing and agrochemicals, forensic science and as NHS scientists. They also work in education, the scientific civil service, bioinformatics and medical schools. Others use their skills in management and commerce. Many choose further study and go on to do research for organisations all over the world.

UCAS Code | Course		A Level	IB	BTEC	Additional information
MBiolSci(Honours)					
C509	**Microbiology**	AAA	36	D*DD	Including two Science subjects at A Level or IB Higher Level grade 6 GCSE Maths grade 4 or C
C523	**Medical Microbiology**				
BSc(Honours)					
C500	**Microbiology**	AAB	34	DDD	Including two Science subjects at A Level or IB Higher Level grade 6,5 GCSE Maths grade 4 or C
C506	**Microbiology with a Year in Industry**				
C521	**Medical Microbiology**				
C526	**Medical Microbiology with a Year in Industry**				
Foundation Year					
C900	**Biosciences with Foundation Year**	BBC	31	DDM	Including a Science subject at A Level or IB Higher Level grade 5 GCSE Maths grade 6 or B A Level General Studies is not accepted

Subject requirements: acceptable Science subjects include Biology/Human Biology, Chemistry, Physics, Psychology, Mathematics and Further Mathematics. As well as the above Foundation Year will also accept Computer Science, Geology, Statistics, Geography, Economics or Environmental Science/Studies.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: interview required. Please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Biochemistry	Page 54
Biosciences with Foundation Year	Page 197
Genetics	Page 114
Molecular Biology	Page 152

Modern Languages and Cultures

www.sheffield.ac.uk/slc
slc-admissions@sheffield.ac.uk
+44 (0)114 222 2864

Typical A Level requirements
AAB–ABB

Additional opportunities
- **Study abroad**

Russell Group top 10 for research impact
Research Excellence Framework 2014

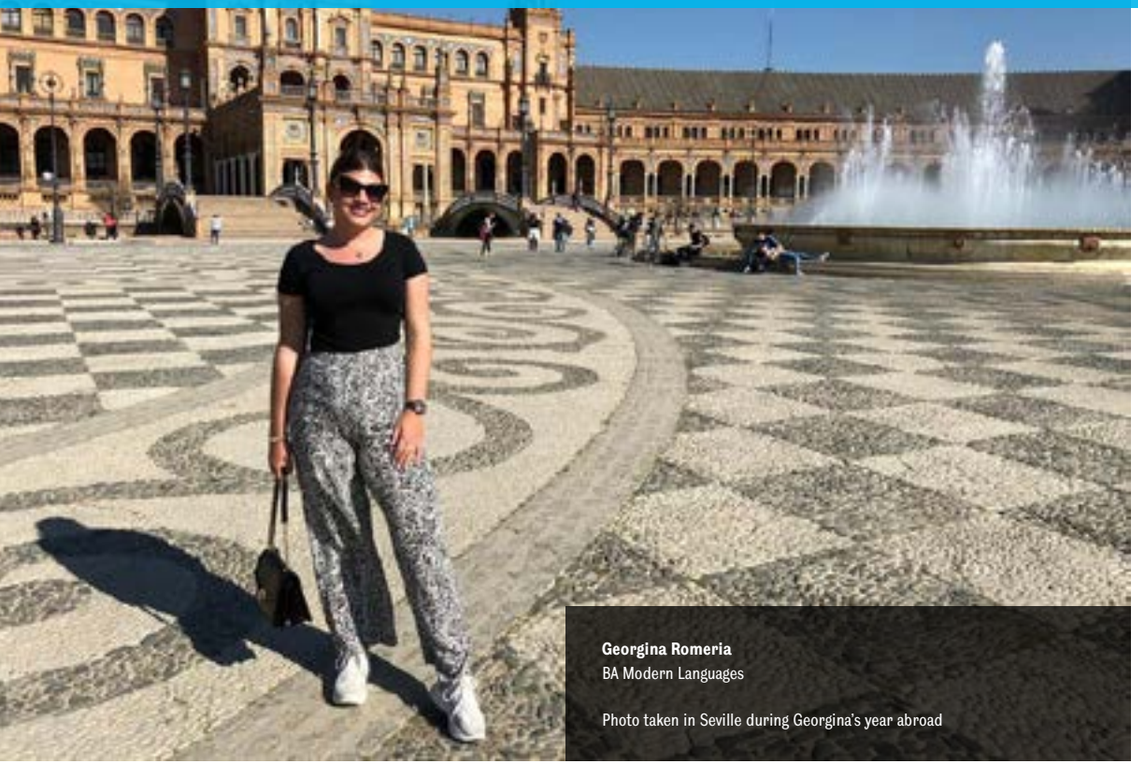
91% overall student satisfaction
National Student Survey 2019

At Sheffield, you won't just learn languages. You'll understand other ways of thinking and experience different cultures. Our degree programmes will give you advanced linguistic proficiency combined with enhanced cultural agility.

The School of Languages and Cultures offers an especially wide range of languages and flexible combinations. You can choose to study one, two, or three languages from the following: Catalan, Czech, Dutch, French, German, Italian, Luxembourgish, Portuguese, Russian and Spanish. If you study just one language, it will be either French, German, Russian or Spanish. You can take any language from beginner's level, and you can take French, German, Russian or Spanish post-A Level.

You'll develop your linguistic skills to a very high level whilst deepening your understanding of the cultural context of the countries where your languages are spoken. A modern languages and cultures degree at Sheffield is a confident step into the wider world and you'll be graduating with skills that are highly valued by employers.

You'll learn to communicate fluently and effectively in your chosen language(s). You'll also immerse yourself in the culture and society of other nations. All this is



Georgina Romeria
BA Modern Languages

Photo taken in Seville during Georgina's year abroad

achieved in a vibrant environment through dynamic, innovative teaching that places you at the cutting edge of the discipline.

Modern Languages and Cultures

We're a leading centre for modern languages and cultures research. Our work spans identity, gender, linguistics, politics, migration and literary studies. This research informs our teaching, helping you to develop a global understanding of language and languages across cultures and countries. You'll be able to study optional modules across the school so you'll acquire an in-depth understanding of your chosen languages and cultures and how they relate to other languages and cultures.

Right from the start you'll work with the school's top cultural specialists and highly trained linguists who will help you realise your linguistic potential. Language teaching is in small groups, so you'll get plenty of support tailored to your needs and get to know your tutors well.

We offer language and culture modules that enable you to create combinations of subject areas that work well together and that can build upon your own intellectual interests (eg visual cultures, literary studies, post-colonialism, language families) if you want to structure your studies in this way.

Year abroad

You'll spend the third year of your course abroad, speaking one or two of your chosen languages and living the culture. We have a wide range of destinations on offer, in Europe and beyond. You can choose to study at a leading university, carry out an approved work placement, or in some cases take part in exciting volunteering opportunities. You can also teach in schools via the British Council's assistantship scheme. Studying in another country will greatly enhance your transferable as well as language skills, making you even more attractive to employers.

Dual honours programmes

Languages and cultures combine particularly well with other subjects, enabling you to gain a much deeper understanding of the crucial relationship between language, culture and society. Choosing to combine languages and cultures with another discipline will give you broader learning experience and equip you with a wider range of qualities for the graduate employment market. You can choose our dual honours programme, offering the study of your language(s) alongside a wide range of other disciplines including archaeology, business management, economics, English literature, history, linguistics, music, philosophy and politics.

In this flexible programme, you can choose to study one or two languages and cultures in combination with your non-language subject, eg History and Languages and Cultures (German and French).

What our graduates do

Our graduates are excellent communicators, adaptable and culturally aware. They work in international development organisations, business and banking, translating and interpreting, intelligence services, journalism, teaching, publishing, and international sales and marketing. Many go on to further study.

UCAS Code | Course		A Level	IB	BTEC	Additional information
BA(Honours)					
T900	**Modern Languages and Cultures**	ABB	33	DDD	
QR50	**English and Modern Languages and Cultures**				
QR60	**Linguistics and Modern Languages and Cultures**				Evidence of interest in Language and Linguistics, demonstrated through the Personal Statement
RV50	**History and Modern Languages and Cultures**			Only considered when combined with other qualifications	Typically including History or Classical Civilisation at A Level of IB Higher Level grade 5
RW50	**Music and Modern Languages and Cultures**			DDD	Including Music or Music Technology at A Level or IB Higher Level grade 5 (or grade 8 Practical (ABRSM/Trinity/ Rockschool) + grade 5 Theory (ABRSM/ Trinity))
RV60	**Philosophy and Modern Languages and Cultures**				
RN50	**Business Management and Modern Languages and Cultures**				GCSE Maths grade 6 or B
RL60	**Politics and Modern Languages and Cultures**				GCSE Maths grade 4 or C
VR50	**Archaeology and Modern Languages and Cultures**				
RL50	**Economics and Modern Languages and Cultures**	AAB	34	DDD	GCSE Maths grade 6 or B

Subject requirements: Typically including a modern foreign language at A Level or IB Higher Level grade 5. If you are not studying a modern foreign language, the department will consider other evidence of aptitude for language learning (such as a languages GCSE or, for non-native speakers of English, an English language qualification).

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
East Asian Studies	Page 90
Modern Languages and Culture with Foundation Year (alternative route for mature students)	Page 198

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"I love how many job opportunities I have for the future – research, analysis...It is very exciting to be at the forefront of such a new and exciting area of science."

Ben Daniels
Molecular Biology

Molecular Biology

www.sheffield.ac.uk/mbb
mbb@sheffield.ac.uk
+44 (0)114 222 2740

Typical A Level requirements

Direct entry **AAA–AAB**

Foundation year **BBC**

Additional opportunities

- **Year in industry**

UK top 10 for biological science
The Times and Sunday Times Good University Guide 2020

UK top 10 for overall satisfaction
(Molecular Biology, Biophysics and Biochemistry)
National Student Survey 2019

Molecular biology crosses the boundaries of cell biology, biochemistry, genetics and medical science. Our courses will give you the skills to be part of new developments within these fields throughout your career.

High-quality teaching

We'll challenge you to achieve your very best. We have small tutorial groups to support your learning, extensive practical experience, and a project in the third year that could involve laboratory research, computing, clinical diagnostics, science communication, or school teaching, depending on your career aspirations.

Flexible course structure

The course lets you combine topics from biochemistry, genetics and microbiology, so you develop a wide-ranging knowledge of the molecular biosciences. However, the first year is common to all of our courses, meaning that you're not tied to the course you register for. At the end of the first year, you can transfer to any course in the department: biochemistry, genetics, microbiology, and combinations of these subjects.

You can also take time out to work on a placement between years two and three, to graduate with a degree with a year in industry.

BSc or MBiolSci?

Either of these will give you a thorough knowledge of your chosen subject. The four-year MBiolSci has Advanced Accreditation from the Royal Society of Biology, more focus on laboratory skills, and an extensive research project, which can be based in a university or industrial lab. You can transfer in either direction between the three and four-year course during years one to three.

Biosciences with Foundation Year

If you want to study molecular biology but don't meet our standard entry requirements, our foundation year could be for you. After successfully completing the one-year programme, you'll progress onto the first year of your chosen bioscience degree.

For more information about our foundation year, see page 197 or visit www.sheffield.ac.uk/sefy

Our student society

You can become a member of the department's student society, MBBSoc, which organises social events, charity fundraising, sports teams and academic study events.

What our graduates do

Many of our graduates are employed in pharmaceuticals and healthcare, food safety and manufacture, brewing and agrochemicals, forensic science and as NHS scientists. They also work in education, the scientific civil service, bioinformatics or medical schools. Others use their skills in management and commerce. Many choose further study and go on to do research for organisations all over the world.

See over page for entry requirements.

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UCAS Code	Course	A Level	IB	BTEC	Additional information
MBiolSci(Honours)					
C449	**Molecular Biology**	AAA	36	D*DD	Including two Science subjects at A Level or IB Higher Level grade 6,5 GCSE Maths grade 4 or C
BSc(Honours)					
C440	**Molecular Biology**	AAB	34	DDD	Including two Science subjects at A Level or IB Higher Level grade 6,5 GCSE Maths grade 4 or C
C446	**Molecular Biology with a Year in Industry**				
Foundation Year					
C900	**Biosciences with Foundation Year**	BBC	31	DDM	Including a Science subject at A Level or IB Higher Level grade 5 GCSE Maths grade 6 or B A Level General Studies is not accepted

Subject requirements: acceptable Science subjects include Biology/Human Biology, Chemistry, Physics, Psychology, Mathematics and Further Mathematics. As well as the above Foundation Year will also accept Computer Science, Geology, Statistics, Geography, Economics or Environmental Science/Studies.

English language requirements: see page 209.

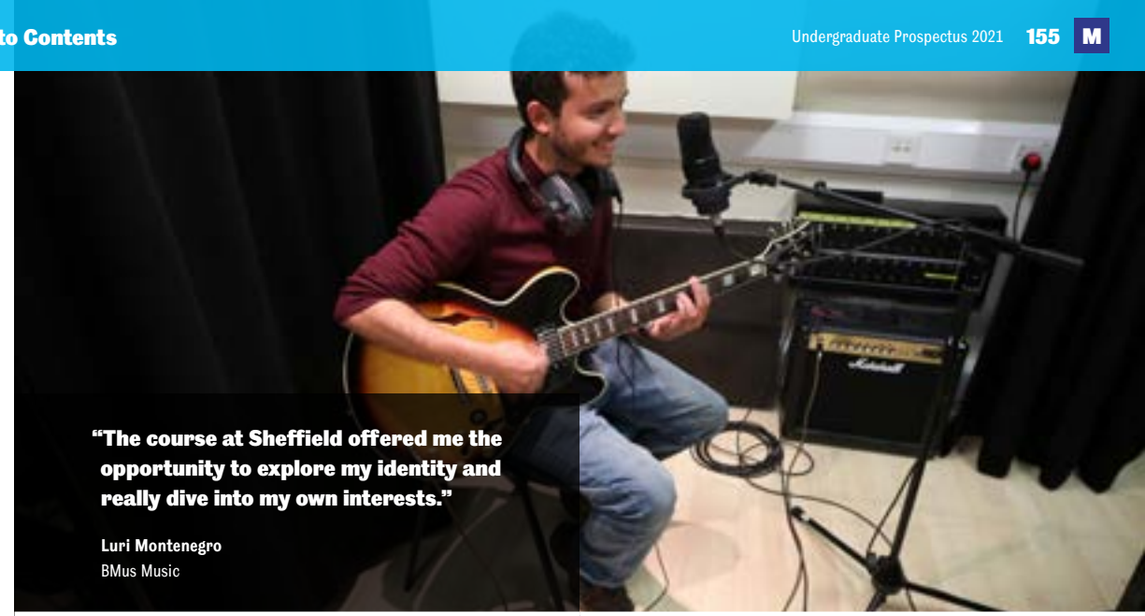
Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: interview required. Please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Biochemistry	Page 54
Biosciences with Foundation Year	Page 197
Genetics	Page 114
Microbiology	Page 147



Music

www.sheffield.ac.uk/music
music-admissions@sheffield.ac.uk
+44 (0)114 222 0488

Typical A Level requirements
AAB–ABB

Additional opportunities
- **Study abroad**
- **Degree with employment experience**

Over 50 concerts and musical events every year.

UK top 10 for research excellence
Research Excellence Framework 2014

4th in the Russell Group for overall satisfaction
National Student Survey 2019

We offer academic and practical study in a variety of music genres, including classical, pop, jazz, folk and world music.

Develop your interests

We're proud to offer one of the most diverse music degree programmes in the UK. Our curriculum offers seven areas of musical study giving you the freedom to specialise in any one of these or combine them: performance, composition, musicology, ethnomusicology, music psychology, musical industries, and music technology. From Broadway to Mozart, we cover it all.

Music in Sheffield

Sheffield is celebrated as one of the UK's leading music cities, with dozens of major venues from the City Hall and Crucible to the Leadmill and the Foundry, covering all music genres. This brings with it a host of opportunities for our students to get involved in professional music-making of the highest quality. Opportunities include taking part in the University Concerts Series, which usually features around

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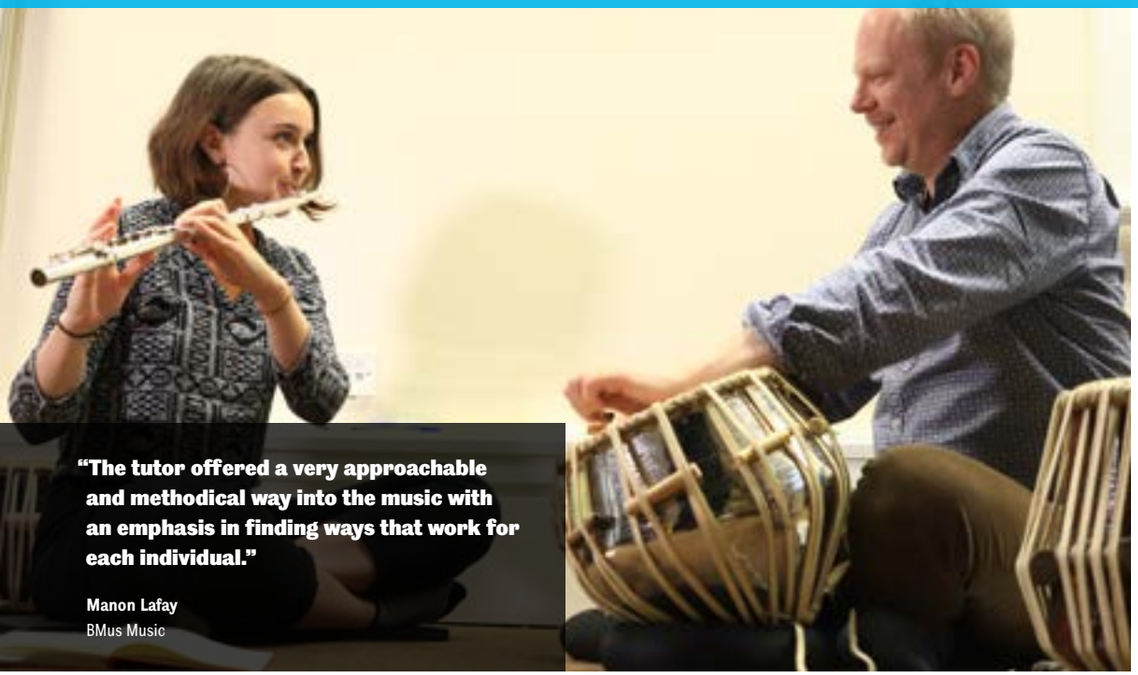


"The tutor offered a very approachable and methodical way into the music with an emphasis in finding ways that work for each individual."

Manon Lafay
BMus Music

100 performances a year. You could write for our New Music Ensemble or audition to conduct or play a concerto with our Symphony and Chamber Orchestras. Our University of Sheffield Sound Studios offer regular opportunities to use music technology to create electroacoustic compositions and our Wind Orchestra and Chamber Choir normally go on an annual tour.

Music in the City is our student-led committee which aims to bring music to new audiences in the local community. For example, students have organised and delivered workshops to local primary schools and care homes.

BMus

Our music degree has a huge range of choice. We have experts in music from the Renaissance to Björk, and from music technology to music education. We embrace music from across Europe, Africa, Asia and the Americas, so you can study what interests you the most.

We'll encourage you to develop your skills as an independent musician and music researcher. Your first year core modules will support your transition from school to university. In your second year you'll get the chance to develop deeper skills in the areas that interest you the most.

Instrumental lessons are available in your first year and throughout the rest of your degree if you choose to take assessed performance modules.

In your third year, you'll have the opportunity to do a special project, taught over a full academic year in group sessions and regular tutorials. Previous projects have seen students staging an exhibition, creating an album or delivering a performance. It'll give you the opportunity to focus on a subject within your degree that you're passionate about.

Students can opt to transfer to our BA Music Education degree during their first year. This programme offers an outstanding preparation for a career in music education. The four year course involves a year long industry placement and specialist modules within the School of Education.

Dual honours

Our dual honours programmes allow you to develop your music skills alongside another subject. This is a chance to build additional skills, work with more than one department and graduate with a truly flexible degree.

How we teach

We offer a variety of teaching methods and class numbers, including small seminar class sizes, larger lecture groups, instrumental tuition, composition away days and personal tutoring for academic and pastoral development. Our teaching is flexible to support students to achieve their best.

Your career

Varied work experience opportunities will help you develop a compelling CV. Many of our modules include hands-on projects, and internships are available every year with the University's concerts team.

Some of our students take a year-long industry placement to achieve a BMus with Employment Experience, or spend a year of their degree studying overseas through the Study Abroad programme. Previous students have enjoyed internships with the London Symphony Orchestra and at the British International School in Brussels.

What our graduates do

The musical excellence, academic aptitude and personal skills that you develop on your course will be highly valued by employers internationally, whatever your chosen career path.

Our graduates work with prestigious orchestras and music institutions within the UK and globally, in roles ranging from performing and conducting to administration and education. Sheffield music graduates have also forged successful careers in other fields, from audio programming to marketing and management.

Recent graduates have secured jobs with the Wigmore Hall, Britten Sinfonia, the ABRSM, as well as holding positions in leading universities, and working as professional performers.

UCAS Code	Course	A Level	IB	BTEC	Additional information
BMus(Honours)					
W302	**Music**	AAB	34	DDD	Music or Music Technology at A Level or IB Higher Level grade 5
BA(Honours)					
VW53	**Music and Philosophy**	AAB	34	DDD	Music or Music Technology at A Level or IB Higher Level grade 5
WTH4	**Music and Korean Studies**	ABB	33		

Subject requirements: if Music is not taken at A Level or IB Higher Level we will consider applicants with grade 8 Practical (ABRSM/Trinity/Rockschool or equivalent) and grade 5 Theory (ABRSM/Trinity).

English language requirements: see page 209.

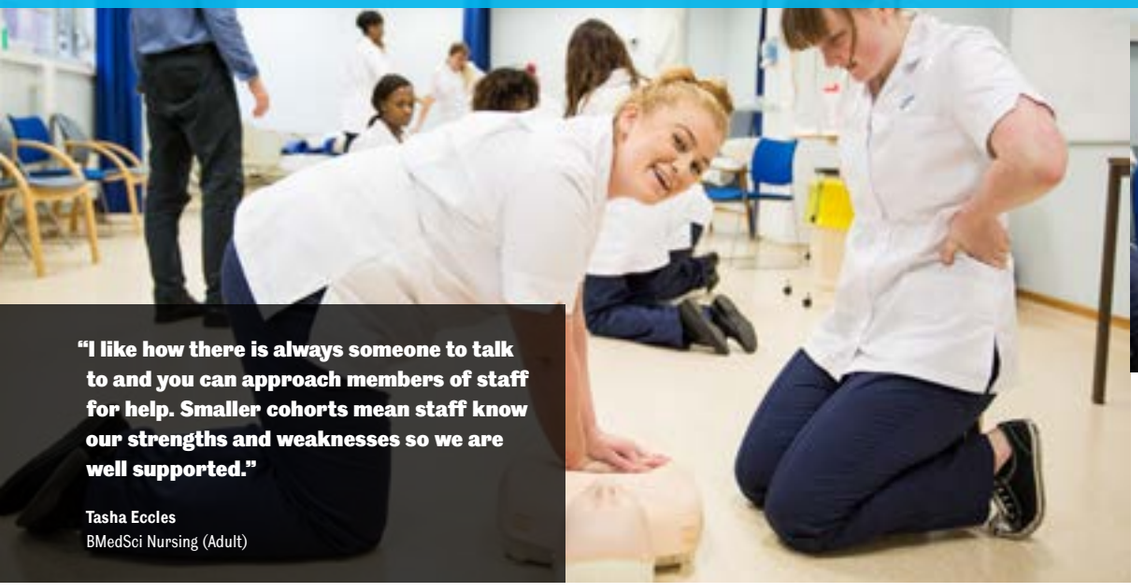
Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
English and Music	Page 108
History and Music	Page 124
Music with Foundation Year (alternative route for mature students)	Page 198
Music and Modern Languages & Cultures	Page 149



"I like how there is always someone to talk to and you can approach members of staff for help. Smaller cohorts mean staff know our strengths and weaknesses so we are well supported."

Tasha Eccles
BMedSci Nursing (Adult)

Nursing

www.sheffield.ac.uk/snm
nursing-ug-admissions@sheffield.ac.uk
+44 (0)114 222 2030

Typical A Level requirements
BBB

97% overall student satisfaction
National Student Survey 2019

The Division of Nursing and Midwifery prides itself on it's innovative teaching and learning. An important aspect of this is our state-of-the-art clinical skills facility.

Our course lays the foundations for professional nursing practice. You will develop your knowledge in the art and science of nursing and understanding of health.

BMedSci(Hons) Nursing (Adult)

This course will teach you about current research, policy and practice in adult nursing. You'll gain the clinical skills and knowledge you need for entry to the Nursing and Midwifery Council professional register as an adult nurse.

A community approach

We take a local community approach giving you experience in hospitals, communities and primary care services within a single locality setting provided by our health care partners. Your placement experiences will enable you to form an integrated understanding and appreciation of local health needs and services, as well as gaining insight into future career opportunities in each practice setting.

Course structure

The course is half practice and half theory. We'll teach you how to apply what you learn to a practical setting and improve your skills in leadership and problem solving.

You will study six units across your course (two per year):

- Foundations in Health and Nursing 1
- Foundations in Health and Nursing 2
- Developing Nursing Practice: Caring for people with acute and short term needs
- Developing Nursing Practice: Caring for people with long term and complex needs
- Transition to professional nursing practice 1
- Transition to professional nursing practice 2

Clinical skills

You'll develop clinical skills throughout your course at our purpose built simulation facility in the Northern General Hospital – one of the largest hospitals in the UK. You'll learn in mock clinical wards, resuscitation suites, simulated theatres, teaching rooms and a fully equipped filming studio.

Placements

Our local health community partners are Rotherham, Barnsley, Doncaster, Chesterfield and Sheffield. There will be an opportunity for you to contact and visit each local community before making a decision about where you would like to spend your placement.

You will be able to express a preference during the application process which we will attempt to accommodate. However this cannot be guaranteed. For more information about what the placement localities can offer, see **www.sheffield.ac.uk/snm/undergraduate-courses/ugnursing/placement**

Support for you

You'll work closely with your course tutors, personal tutors and clinical partners, who will provide help, advice and support throughout your course.

UCAS Code | Course		A Level	IB	BTEC	Additional information
BMedSci(Honours)					
B740	**Nursing (Adult)**	BBB	32	DDM	DBS and Occupational Health checks are required 5 GCSEs including English, Maths and Science at grade 4 or C

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

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Orthoptics

www.sheffield.ac.uk/medicine/orthoptics
orth-ugadmissions@sheffield.ac.uk
+44 (0)114 222 5540

Typical A Level requirements
BBB

Additional opportunities
- **Degree with employment experience**
- **The degree is internationally recognised**

97% overall satisfaction
National Student Survey 2019

UK top 5 for optometry, ophthalmology and orthoptics
Complete University Guide 2020

An orthoptist specialises in the investigation, diagnosis and management of visual defects and abnormalities of eye movement. Our BMedSci is approved by the Health and Care Professions Council. It provides all the necessary training for professional practice as an orthoptist worldwide.

About us

We're one of only two universities in England who teach orthoptics. Our Division of Ophthalmology and Orthoptics is a vibrant teaching and research-active department. We're dedicated to nurturing students' talents and upholding the core values of the NHS in supporting the highest standards of excellence and professionalism. Our practical teaching facilities and research labs are equipped to perform laboratory and clinical-based research.

About our course

This is a three-year, full-time course. The first year gives you the scientific background you need to understand the normal eye, together with an introduction to optics and binocular vision. The second and third years develop this understanding and explore ocular abnormalities and disease. You'll also study topics related to the profession, such as medical ethics, interpersonal skills and the organisation and structure of the NHS. In the third year, you'll carry out your own research project on a topic of your choice.

Outstanding teaching

You'll be taught by leading experts in their field including Professor Helen Davis. who was the first ever professor of orthoptics. She is also the co-designer of the Frisby Davis Distance Stereotest, which today is used in eye clinics across the world. The primary textbook you'll learn from was co-authored by her.

Clinical work

The course includes 33 weeks on clinical placement in orthoptic departments across the UK and Ireland. This gives you the comprehensive clinical experience to build on communication skills and develop the practical skills needed to start your career. The final year includes a two-week clinical placement in an orthoptic clinic of your choice.

Over the three years, you'll examine patients of all ages. The most common patient groups are children, the elderly and those with disabilities.

International students

We accept applicants from international students who wish to study orthoptics in Sheffield. Our course provides all the necessary training for professional practice as an orthoptist worldwide.

Mature students

Alternative qualifications will be considered and applications are judged on an individual basis. Please contact us for further details.

Disclosure and Barring Service

Because of the clinical aspects of the degree, you must undergo a Disclosure and Barring Service (DBS) enhanced disclosure check before starting the course. You must tell us if you have any current and spent criminal convictions, cautions or reprimands. Offer of a place on the course depends on a satisfactory enhanced DBS. See page 209 for more details.

What our graduates do

Orthoptists work with patients of all ages – they play a key role in the hospital eye service and are also involved in community health. Orthoptists frequently work with other health professionals such as ophthalmologists, optometrists, vision scientists, paediatricians and neurologists.

Our graduates work in orthoptic clinics within hospitals, health centres and schools for children with special needs. Others go on to postgraduate research in orthoptics and related fields. The degree is recognised worldwide.

The Orthoptics Society

The student-led Orthoptics Society offers support to students across all three years of study. The society arranges regular group socials throughout the year and hosts an annual ball.

UCAS Code | Course		A Level	IB	BTEC	Additional information
BMedSci(Honours)					
B520	**Orthoptics**	BBB	32	DDD	At least one Science subject required at A Level or IB Higher Level grade 5 GCSE Maths, English Language and Science grade 4 or C A Level General Studies is not accepted Interview required

Subject requirements: acceptable Science subjects include Biology/Human Biology, Maths, Chemistry or Physics. Biology is preferred but not essential.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related course	
Orthoptics with Foundation Year (alternative route for mature students)	Page 198

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"Sheffield offered me a course I was desperate to study and I felt would help me bring out the best of my skills. I'm involved in the Philosophy Society, as publicity secretary. This has given me the opportunity to meet people in all years and to develop my social skills in a more official environment."

Anna Ludlam
BA Philosophy and History

"I chose Sheffield because of its international reputation, diverse student community and the flexibility my degree offered."

Wiktoria Kulik
BA Philosophy

Philosophy

www.sheffield.ac.uk/philosophy
phi-ugadmissions@sheffield.ac.uk
+44 (0)114 222 0599

Typical A Level requirements
AAB–ABB

Additional opportunities
- **Degree with employment experience**
- **Study abroad**

96% overall student satisfaction
National Student Survey 2019

3rd in the Russell Group for student satisfaction
National Student Survey 2019

To be a philosopher is to be intellectually curious and to think in challenging ways. Our graduates are good speakers and good listeners. They make excellent leaders, team players, mediators and problem solvers.

About us

We pride ourselves on the diversity of our modules and the high quality of our teaching. Our staff are among the best in the world at what they do. They're active researchers so your lectures and seminars are informed, relevant and exciting. We'll teach you how to think carefully, analytically and creatively.

Our staff and students use philosophy to engage with real-world issues. You will be able to use what you learn to make a difference in the community, through projects like Philosophy in the City, an innovative and award-winning programme that enables students to teach philosophy in schools, homeless shelters, and centres for the elderly. Our students run a thriving Philosophy Society and the only UK undergraduate philosophy journal. Our Centre for Engaged Philosophy pursues research into questions of fundamental political and social importance, from criminal justice and social inclusion to climate ethics, all topics that are covered in our teaching. Philosophy changes our perspective on the world, and equips and motivates us to make a difference.

BA Philosophy

Philosophical reflection requires a distinctive combination of imagination and exact reasoning. You'll develop these skills through a wide range of modules. Philosophy at Sheffield is highly flexible. There are no compulsory modules.

In the first year you'll combine modules from across two groups: one which focuses on metaphysics, knowledge and logic, and the other on ethics, politics and religion. In your second and third years you'll continue to design your own pathway choosing from modules which enable you to tailor your degree to your own interests.

Over the three years, you can develop your understanding of key areas including ethics, philosophy of mind, theory of knowledge, political philosophy, metaphysics and logic, as well as feminism, philosophy of education, and major figures in the history of philosophy. There are also individual project and work placement modules that allow you to pursue highly personal supervised study in areas of your choosing.

BA Philosophy, Religion and Ethics

On this degree, you will deepen your understanding of philosophy, religion and ethics and the questions they raise. From the value of religious faith and practices to the ethics of climate change or euthanasia, you'll learn to develop and defend your own critical perspectives within the context of global events.

Teaching and assessment

You'll learn through interactive lectures, seminars and one-to-one meetings with lecturers, and take part in presentations, debates and field work. You will be given extensive feedback on your work, which will generally be assessed through examinations, essays and longer projects. Some modules use presentations, portfolios, posters or artwork installations.

Dual honours courses

Philosophy as a subject links very well with a number of other disciplines. Our dual honours degrees allow you to combine philosophy with subjects in the arts and humanities, and in the sciences. The

balance between philosophy and your other subject is broadly even, and you can bring them together in a way that will enhance your understanding of both.

Work experience and study abroad

You can incorporate work experience and/or study abroad in your degree.

With our third-year Work Place Learning module, you can spend time with an organisation from the Sheffield voluntary or private sector gaining skills and experience relevant to philosophy in an applied setting. Through the University's Degree With Employment Experience scheme you can incorporate a placement year into your degree.

You can study abroad for a semester or a full year as part of your three-year degree. Or you can study abroad for an additional year between your second-year in Sheffield and your final year of study, leading to a BA with International Experience. We have partnerships with many countries including Australia, Canada, Hong Kong, Singapore, the United States, Spain, Italy, and Germany.

What our graduates do

Philosophy graduates have highly transferable skills that are valued by employers. The skills learned on a philosophy degree include clear and analytical thinking, persuasive writing and speaking, innovative questioning and effective reasoning. These give a solid foundation for a wide variety of careers and are particularly suited to roles that require complex problem-solving and assessing information from various angles.

Our graduates work in the civil service, law, teaching, social work, computing, journalism, paid charity work, business and commerce. Many also go on to study philosophy at postgraduate level.

UCAS Code	Course	A Level	IB	BTEC
BA(Honours)				
V500	**Philosophy**	AAB	34	DDD
VV56	**Philosophy, Religion and Ethics**	ABB	33	

Part-time: Our courses are available to study part-time and have the same entry requirements as the full-time courses. For details on how to apply for the part-time option, contact the department.

English language requirements: see page 209.

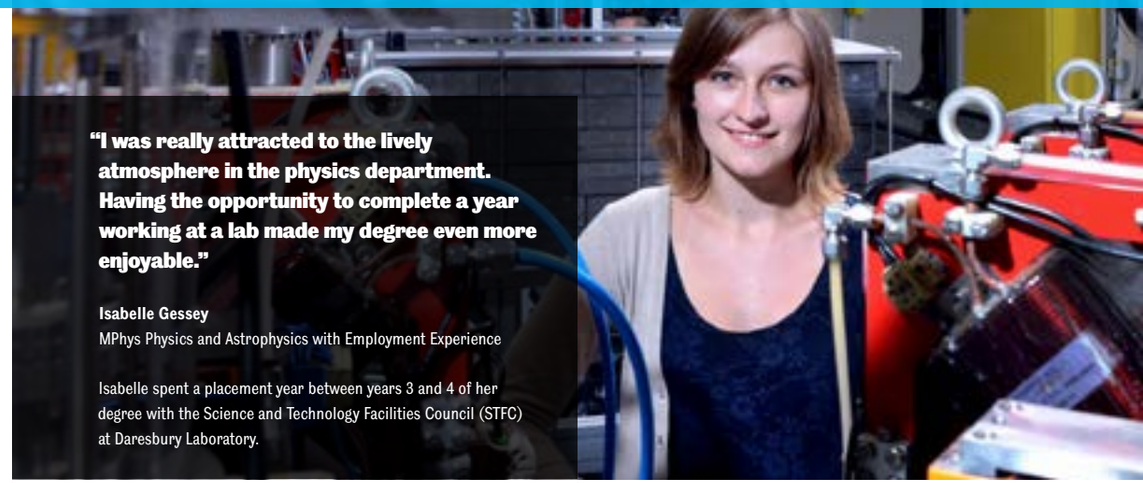
Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Economics and Philosophy	Page 98
English and Philosophy	Page 110
History and Philosophy	Page 124
Linguistics and Philosophy	Page 110
Mathematics and Philosophy	Page 140
Music and Philosophy	Page 155
Philosophy with Foundation Year (alternative route for mature students)	Page 198
Philosophy and Modern Languages and Cultures	Page 149
Philosophy, Religion and Ethics with Foundation Year (alternative route for mature students)	Page 198
Physics with Philosophy	Page 167
Politics and Philosophy	Page 173
Politics, Philosophy and Economics	Page 174



"I was really attracted to the lively atmosphere in the physics department. Having the opportunity to complete a year working at a lab made my degree even more enjoyable."

Isabelle Gessey
MPhys Physics and Astrophysics with Employment Experience

Isabelle spent a placement year between years 3 and 4 of her degree with the Science and Technology Facilities Council (STFC) at Daresbury Laboratory.

Physics and Astronomy

www.sheffield.ac.uk/physics
physics.ucas@sheffield.ac.uk
+44 (0)114 222 4362

Typical A Level requirements

Direct entry	Foundation year
AAA–AAB	**BBB**

Additional opportunities

- **Year in industry**
- **Study abroad**

UK top 10 for research output
Research Excellence Framework 2014

Russell Group top five for overall satisfaction
National Student Survey 2019

Our courses explore the laws of the universe from subatomic particles to stars and galaxies. You'll join a community of researchers and students looking for answers to some of the biggest questions in the universe.

Our approach

The staff who'll teach you are working on topics such as how to build a quantum computer, how to explain dark matter and how to combat antimicrobial resistance. They run experiments on the Large Hadron Collider at CERN, and help to map the universe using the Hubble Space Telescope. They'll guide you through the key topics in physics – mechanics, waves, optics, relativity, electromagnetism, thermodynamics, quantum physics – and give you a huge range of optional modules to choose from.

Professional accreditation

Our degrees are accredited by the Institute of Physics, which means that we cover all of the topics and training that you need to graduate into a professional physics career.

Outstanding facilities

We have all the equipment you need for your training, experiments and research projects. There are two telescopes on our roof, state-of-the-art materials science and microscopy laboratories and the UK's first Quantum Information Laboratory.

Field trips

We also encourage you to take part in field trips, so you could find yourself investigating dark matter 1km underground in Boulby Mine, or 2,400m above sea level at observatories in the Canary Islands.

How we teach

Lab skills

You'll have regular sessions in our teaching laboratories in your first and second years. Training covers how to use essential scientific instrumentation and equipment in physics experiments, present results, analyse data and assess errors. Students on our Physics and Astrophysics courses are trained to use the telescopes on the roof of our building.

Programming

Computer programming is an essential part of modern physics, used to analyse data and model complex systems. We teach a variety of languages including Python and LabVIEW™.

Tutorials

Small groups of students meet weekly with a lecturer to go through questions on recent coursework and practise solving problems. We'll help you develop a combination of numerical reasoning and physical understanding that can be applied in all kinds of jobs.

Research projects

All of our students get to do a research project in their third year – options range from computing, microscopy or science education to working on a real-world problem with one of our industry partners. Our MPhys degrees have a bigger independent research project in the final year. This gives you lots of extra skills employers value, particularly if you're interested in a career in scientific research.

Lectures

Our lecturers are experts in their fields. As you progress to more advanced topics, you'll be taught by physicists who are carrying out cutting-edge research in the subject.

BSc/MPhys Physics

Once you've grasped the essentials – motion, heat, electricity, magnetism, quantum mechanics – you'll have a wide variety of physics modules to choose from. Options range from lasers and semiconductors to particle physics and nuclear physics.

BSc/MPhys Physics and Astrophysics

These courses are split roughly 50/50 between physics and astrophysics modules, so you'll do more astrophysics than students at most other universities. You'll study the workings of the universe in detail, from the planets in our solar system to the most distant galaxies. You can also join our annual field trip to the Canary Islands, where you'll visit observatories including the world's biggest telescope.

BSc/MPhys Theoretical Physics

These courses put an emphasis on the fundamental mathematics that has brought us closer to a 'theory of everything'. You'll take extra maths modules as the foundation for studying topics including general relativity and quantum mechanics.

BSc/MPhys with a Year in Industry

Put the knowledge and skills from your Physics, Physics and Astrophysics or Theoretical Physics degree into practice, and get valuable experience for your CV. Previous students have done their placements at the CERN research centre in Switzerland, international telescope facilities in Thailand and the Canary Islands, and at a government research laboratory working on a new particle accelerator.

MPhys with Study Abroad

You'll spend the third year of your Physics, Physics and Astrophysics or Theoretical Physics course at a university abroad. We have links with 16 exchange partners in the USA, seven in Australia, five in Canada, three in Hong Kong and two in New Zealand.

BSc/MPhys Physics with Medical Physics

Physics underpins medical devices ranging from ultrasound machines to MRI scanners. This course explains the science behind life-saving technologies, and the physics that keeps our blood flowing and our musculoskeletal system intact. The MPhys degree includes a hospital or industry placement in the final year.

BSc/MPhys Physics with Philosophy

Explore the deep philosophical questions raised by modern physics. You'll study essential physics topics alongside options ranging from Plato to feminism.

Physics with a Foundation Year

If you don't have the necessary scientific or mathematical background for our degrees, a foundation year is for you. For more information and advice please contact physics.ucas@sheffield.ac.uk.

What our graduates do

Physics is at the heart of many major and growing industries, from computing and nanotechnology to renewable energy and space exploration. The specialist knowledge and practical skills that our students get from their degrees has helped them find jobs at organisations such as Rolls-Royce, Toshiba, CERN, BAE Systems and the National Space Agency.

Many of our students continue their studies by doing a PhD or other postgraduate training, so they can pursue a career in academia or research. They can also apply their skills outside of science, in areas such as teaching, charity work, sales, marketing, accountancy and management.

UCAS Code	Course	A Level	IB	BTEC	Additional information
MPhys(Honours)					
F301	**Physics**	AAA	36	Not accepted	Maths and Physics at A Level or IB Higher Level grade 6
F311	**Physics with a Year in Industry**				
F305	**Physics with Study Abroad**				
F3F5	**Physics and Astrophysics**				
F3F6	**Physics and Astrophysics with a Year in Industry**				
FF3M	**Physics and Astrophysics with Study Abroad**				
F321	**Theoretical Physics**				
F322	**Theoretical Physics with a Year in Industry**				
F304	**Theoretical Physics with Study Abroad**				
F371	**Physics with Medical Physics**				
F3V5	**Physics with Philosophy**				
Foundation Year					
F309	**Physics with a Foundation Year**	BBB	32	DDM	Including Maths and/or Physics at A Level or IB Higher Level grade 5 GCSE Maths Grade 6 or B
BSc(Honours)					
F300	**Physics**	AAB	34	Not accepted	Including Maths and Physics at A Level or IB Higher Level 6,5
F310	**Physics with a Year in Industry**				
FF35	**Physics and Astrophysics**				
FF36	**Physics and Astrophysics with a Year in Industry**				
F344	**Theoretical Physics**				
F345	**Theoretical Physics with a Year in Industry**				
F350	**Physics with Medical Physics**				
FV35	**Physics with Philosophy**				

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: for Foundation Year the specific content of the BTEC taken will be assessed to ensure suitability for the course. Please contact the department for further guidance.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

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"I like the fact that I have a large influence on what I have been able to do in my fourth and final year, allowing me to pursue what I like most about my subject."

Aaron Hoyle
MBiolSci Plant Sciences

Plant Sciences

www.sheffield.ac.uk/aps
apsadmissions@sheffield.ac.uk
+44 (0)114 222 0123

Typical A Level requirements

Direct entry **AAA–AAB**

Foundation year **BBC**

Additional opportunities

- **Degree with placement year**

Top 5 for biological research
Research Excellence Framework 2014

Top 10 in the UK for biological sciences
The Times and Sunday Times Good University Guide 2020

92% overall satisfaction
National Student Survey 2019

Our degrees are based on world-leading research into the role plants play in regulating the climate and biodiversity, and their importance to sustainability and biotechnology. You'll study plants in their natural habitats and discover how we can work towards solving global challenges like climate change, feeding the world and conserving soils and habitats. You can even choose to spend an extra year dedicated to research with our MBiolSci, or undertake a year-long paid work placement.

About us

We don't just teach plant science – we do plant science. And so will you – through lectures, practicals, field courses and a research project and dissertation. Our staff are world leaders in the field, linking soils, plant development and biotechnology to questions about evolution, responses to climate change and sustainable agriculture. Our modules are based on pioneering research on plant developmental biology, plant-soil interactions, and plant-climate interactions.

How we teach

Making sure you have an understanding of how research is done and how to judge reliable knowledge is at the heart of our teaching. We combine lectures based on our world-leading research with small group tutorials, cutting-edge lab and field research practicals, and research experience via projects and critical reviews. We're a close-knit community where every student gets the support and encouragement they need to achieve their best work.

Our plant sciences modules cover photosynthesis, global warming and vegetation, climate change and pollution impacts on plant communities. You'll draw on a variety of techniques to investigate molecular biology, genetics, biotechnology, plant disease, carnivorous and parasitic plants, conservation and biodiversity. You can even take modules across the biosciences including microbiology, biochemistry and human disease.

You'll have the option to go on an a two-week long field course. Destinations include the Peak District National Park, Anglesey, Ireland, Arctic Sweden, the Mediterranean or tropical Malaysian Borneo.

Our facilities

Our students get to use our state-of-the-art facilities which include modern tools for biomolecular and DNA analysis, controlled environment chambers to simulate any past, present or future climate, experimental gardens and ponds, and extensive computing resources for simulations.

Plant Sciences – BSc or MBiolSci

Our three-year BSc is a research-led course covering the full breadth of plant sciences. The four-year MBiolSci adds an extra year of advanced research training, embedding you in one of our research labs. This year upgrades your degree to Master of Biological Science. You'll develop and carry out a research project with world-leading scientists on a topic that matches your interests.

Plant Sciences with Placement Year

Both our BSc and MBiolSci Plant Sciences with Placement Year degrees allow you to do a year-long, paid work placement between your second and third year as a recognised part of your studies. A placement is a great way to gain valuable work experience and learn new skills to make you stand out in the graduate jobs market, and you'll pay reduced fees for the year you're on placement.

Our students have worked in industry, charities and academia with placements ranging from zoo conservation to chocolate research.

Placements aren't guaranteed – it's your responsibility to secure one but we'll do everything we can to help.

Biosciences with Foundation Year

If you want to study plant sciences but don't meet our standard entry requirements, our foundation year could be for you. After successfully completing the one-year programme, you'll progress onto the first year of your chosen bioscience degree.

For more information about our foundation year, see page 197 or visit **www.sheffield.ac.uk/sefy**

What our graduates do

Our graduates have an understanding of ideas and techniques that are in demand, particularly in agriculture, biotechnology, crop protection, environmental management and climate change mitigation.

There are excellent career opportunities in government, academic and industrial research institutes focused on science and policy, as well as in teaching and consulting. Plant scientists are also needed in biotechnology companies and administration, including areas that require scientific training, such as computing, research and management skills.

UCAS Code | Course		A Level	IB	BTEC	Additional information
BSc(Honours)					
C200	**Plant Sciences**	AAA–AAB	36–34	Only considered when combined with other qualifications	Including two Science subjects at A Level or IB Higher Level grade 6 GCSE Maths grade 4 or C
C205	**Plant Sciences with Placement Year**				
MBiolSci(Honours)					
C209	**Plant Sciences**	AAA	36	Only considered when combined with other qualifications	Including two Science subjects at A Level or IB Higher Level grade 6 GCSE Maths grade 4 or C
C204	**Plant Sciences with Placement Year**				
Foundation Year					
C900	**Biosciences with Foundation Year**	BBC	31	DDM	Including a Science subject at A Level or IB Higher Level grade 5 GCSE Maths grade 6 or B A Level General Studies is not accepted

Subject Requirements: acceptable Science subjects include Biology/Human Biology, Chemistry, Physics, Psychology, Mathematics, Computer Science, Geology, Statistics, Geography, Economics and Environmental Science/Studies. Where Biology is required at A Level Human Biology is accepted in lieu of this. As well as the above Foundation Year will also accept Further Mathematics.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Biology	Page 61
Biosciences with Foundation Year	Page 197
Ecology and Conservation Biology	Page 93
Environmental Science	Page 111
Zoology	Page 191

Politics and International Relations

www.sheffield.ac.uk/politics
politics-admissions@sheffield.ac.uk
+44 (0)114 222 1641

Typical A Level requirements
AAB–ABB

Additional opportunities
- **Degree with employment experience**
- **Degree with international experience**
- **Global leadership initiative**
- **Study abroad**
- **Summer schools**
- **Work-based learning dissertation**

UK top three for research
Research Excellence Framework 2014

UK top 10 for politics
The Complete University Guide 2020
The Times and Sunday Times Good University Guide 2020

The study of politics covers much more than you might think. At Sheffield we have an enormously diverse range of topics and approaches on offer.

We'll work with you to investigate the big political questions using innovative teaching methods, backed by world-class research to bring politics to life.

About us

We're one of the UK's top departments for research and teaching in politics and international relations. We are a large and diverse department with expertise across many different areas. Our academic staff are working at the cutting edge of the discipline, doing ground-breaking research on a huge range of topics. This shapes and inspires what you'll be taught throughout your degree.

"The University was really helpful in building connections that gave me a foot in the door...I was able to get experience and meet more people putting me in a good position to apply for the job I wanted...it would have been much harder without Sheffield giving me that first way in."

Beth Miller
BA International Relations and Politics Graduate

Parliamentary Assistant House of Lords

Studying politics and international relations at Sheffield

We've designed our programmes to maximise flexibility. You'll gain solid foundations in theory, methods and analytical skills, whilst at the same time having the choice to specialise in the subject having find most interesting.

You'll also have opportunities to gain work experience and study abroad, giving you the skills and experience you need to realise your career ambitions.

We'll teach you the core skills of political analysis – how to think deeply about how we study politics, use statistical data, and approach the big contemporary issues in politics and international relations.

We have modules on government, political theory, political economy and international relations exploring themes from migration to the politics of health. The level of choice and opportunity for specialisation will increase throughout your degree. By your final year you'll be studying in small groups with an academic conducting cutting-edge research, whilst producing a dissertation based on your own original research.

Parliamentary links

We launched the first undergraduate module to be formally accredited and co-taught by the House of Commons, putting us at the forefront of innovative research-led learning. We're also proud that our team includes Lord David Blunkett as Professor of Politics in Practice. You can choose modules where you'll have the opportunity to learn from his deep understanding of politics, gained from decades of experience including at the highest levels of the UK government.

Work experience and studying abroad

We have a range of options for studying abroad within Europe or further afield – including the USA, Canada, Australia and Hong Kong. In addition, on most of our degrees you can upgrade to a four year Degree with International Experience, during which you spend your third year abroad studying or working – or a combination of the two.

We also offer the Degree with Employment Experience option. This allows you to spend a year on a work placement in government, a private company, an international organisation or a charity before returning to complete your fourth (final) year.

In your final year you can also choose to write a work-based learning dissertation, a piece of research that solves a real-world problem for an organisation.

What our graduates do

There are lots of possible careers available after studying politics. Our graduates go on to work in a wide range of professional, political and administrative organisations across the world. These include local, national and international government, the charitable sector, education, media and public relations, and the private sector.

GLOSS

Our department is part of the University's Faculty of Social Sciences so our students can take part in exciting initiatives like our Global Learning Opportunities in the Social Sciences (GLOSS) scheme. GLOSS gives both undergraduate and postgraduate students the chance to apply to attend major international summits like the G20.

Find out more here: www.sheffield.ac.uk/gloss

"I worked as a social researcher with the Department for Work and Pensions during my placement year and it gave me great experience and valuable insight into the world of policymaking and research, as well as having the opportunity to learn about new policy areas. It not only improved my employment prospects but it also gave me the chance to apply my learning in the real world."

Michael Berry
BA Politics with Employment Experience

The Politics Society

The Politics Society is run by our students and has over 250 members. The society runs a vibrant programme of social and educational events throughout the year, providing exciting opportunities to meet fellow politics students and settle into university life.

UCAS Code | Course		A Level	IB	BTEC	Additional information
BA(Honours)					
L201	**International Relations and Politics**	AAB	34	DDD	GCSE Maths grade 4 or C
L210	**Politics**				
LV25	**Politics and Philosophy**				
LL23	**Politics and Sociology**	ABB	33		

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Economics and Politics	Page 98
History and Politics	Page 124
Politics with Foundation Year (alternative route for mature students)	Page 198
Politics and Modern Languages and Cultures	Page 149

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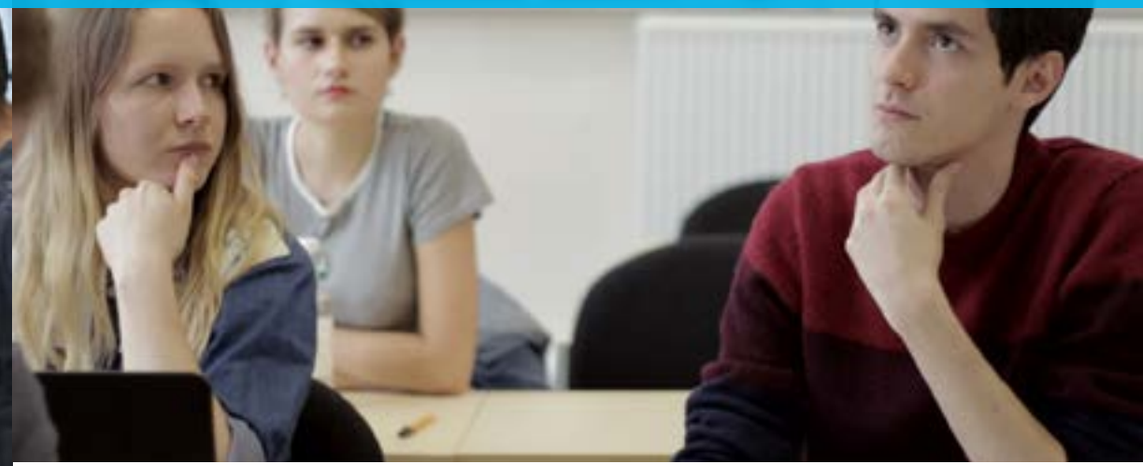

Politics, Philosophy and Economics

www.sheffield.ac.uk/smi
smi-admissions@sheffield.ac.uk
+44 (0)114 222 7103

Typical A Level requirements
AAA

We work with our partners, the Civil Service, to teach real-world content and give you the skills that employers look for.

This course will help you understand the ideas and theories which shape our world. You'll learn how and why these subjects are intrinsically linked, and how they've developed alongside each other. You'll also develop analytical skills to help you evaluate the impact of government policies and programmes.

About us

This interdisciplinary programme equips you with an understanding of the core principles of Politics, Philosophy and Economics (PPE). You'll learn how to understand things from multiple perspectives and think creatively about problem solving. Our teaching is informed by real-world events that are happening now, so you'll be using the knowledge and techniques you've learned to tackle current issues. For example, you could examine the impact of government policies aimed at addressing climate change, healthcare, education, and financial crisis. Our strong links with employers mean you'll be equipped with the analytical skills that they look for when you graduate.

You'll have the flexibility to specialise in your area of interest. For instance, you could choose to explore modules in international relations, economic history, the philosophy of religion, or macroeconomics. You'll also have the option to specialise in quantitative Economics and convert to a BSc Politics, Philosophy and Economics. In the final year, you'll complete a PPE dissertation supported by a dissertation tutor.

How we teach

We teach through lectures, seminars and tutorials. You'll be assessed through written work and oral presentations. You'll also be asked to carry out policy analysis and programme evaluations. The skills you'll develop and demonstrate in these assessments are the skills that employers look for in PPE graduates.

Outstanding teaching

You'll benefit from the expertise and experience of our academics in the departments of politics, philosophy and economics. You'll also study specialist PPE modules with our expert academics in the Sheffield Methods Institute. They'll teach you the methods and techniques to analyse and interrogate policy. These skills will set you apart from other graduates.

Employment experience

We have a partnership with the Civil Service and we support students in gaining employment experience during their degree. We encourage you to spend a year working for governments, non-governmental organisations (NGOs) and other third sector employers focused on public policy.

Global opportunities

You have the option to spend a year studying abroad in order to develop your skills and understanding of PPE in a global setting.

What our graduates do

This degree prepares you for work in government, NGOs and other third sector employers, and organisations focused on understanding, interpreting and advocating in the public policy arena. We'll teach you the principles and skills to start your career and make an impact in the workplace.

UCAS Code | Course		A Level	IB	BTEC	Additional information
BA(Honours)					
L200	**Politics, Philosophy and Economics**	AAA	36	D*DD	GCSE Maths grade 6 or B

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

For details of the other qualifications we accept please see: www.shef.ac.uk/undergraduate/apply/requirements

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

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Psychology

www.sheffield.ac.uk/psychology
psy-ug-admissions@sheffield.ac.uk
+44 (0)114 222 6531

Typical A Level requirements
AAB

Additional opportunities
- **Degree with employment experience**

Accredited by the British Psychological Society

80% of our research ranked as world-leading
Research Excellence Framework 2014

Our course explores human behaviour. You'll learn about the biology behind our individual differences, including developmental disorders and how our psychological strengths can be harnessed.

Learn from experts

Our teaching is informed by cutting-edge scientific research, which ranges from neuroscience through to child development and understanding why psychological therapies are effective. All of this has an impact on wider society.

Making a difference

Our work explores health and wellbeing, lifestyle choices, cognitive behavioural therapy, safe driving, mother-baby interaction, autism, Parkinson's disease, and reducing prejudice and inequality.

Our facilities

We have a full range of experimental psychology laboratories, together with state-of-the-art neuroscience facilities for brain imaging, EEG mapping, and neurophysiological recording from single cells.

Professional accreditation

Our single honours degree is currently accredited by the British Psychological Society (BPS) and makes you eligible for graduate membership. This is the first step to becoming a chartered psychologist. It's necessary for courses in clinical, health and occupational psychology. For more information see www.bps.org.uk

Psychology with Employment Experience

You can study our course with the Degree with Employment Experience option. This allows you to apply for a placement year during your degree where you'll gain valuable experience and improve your employability.

BSc Psychology

Our course is organised into five teaching streams: Clinical & Neuroscience, Cognitive, Developmental, Research Methods, and Social Psychology. You can build on your core knowledge with specialist modules in the third year.

What our graduates do

A psychology degree will put you in an excellent position for many jobs in the private or public sector. Our graduates work in personnel management, market research, advertising, sales, social work, nursing and teaching. They also enter professions such as clinical, health or occupational psychology, usually after postgraduate training. Some of our graduates continue to a PhD to follow a psychology research career.

UCAS Code | Course		A Level	IB	BTEC	Additional information
BSc(Honours)					
C800	**Psychology**	AAB	34	DDD	Relevant science subject at A Level or IB Higher Level grade 5 A Level General Studies is not accepted GCSE Maths grade 6 or B

Subject requirements: accepted science subjects include Biology/Human Biology, Chemistry, Environmental Science, Mathematics, Further/Additional Mathematics, Physics, Psychology, and Statistics.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Artificial Intelligence and Computer Science	Page 82
Psychology with Foundation Year (alternative route for mature students)	Page 198
Speech and Language Sciences	Page 186

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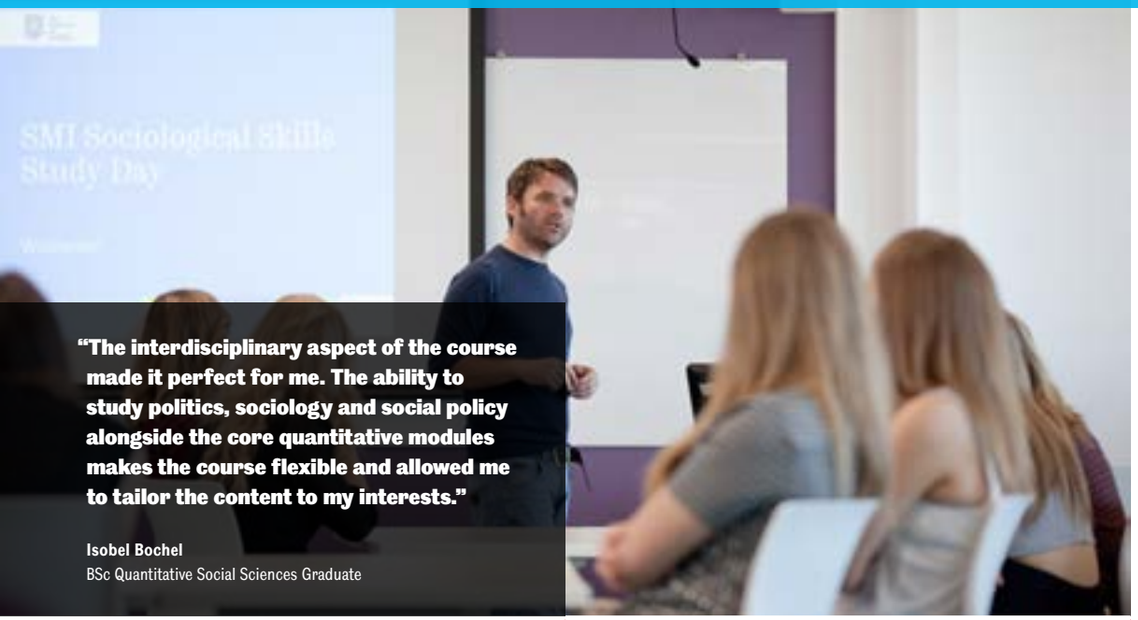

"The interdisciplinary aspect of the course made it perfect for me. The ability to study politics, sociology and social policy alongside the core quantitative modules makes the course flexible and allowed me to tailor the content to my interests."

Isobel Bochel
BSc Quantitative Social Sciences Graduate

Social Sciences

www.sheffield.ac.uk/smi
smi-admissions@sheffield.ac.uk
+44 (0)114 222 7103

Typical A Level requirements
ABB

Additional opportunities
- **Degree with employment experience**
- **Study abroad**

World Top 100 for social sciences
Times Higher Education World University Rankings 2020

UK top 10 for social sciences
Times Higher Education World University Rankings 2020

The Sheffield Methods Institute is home to the Sheffield Q-Step centre which delivers the BSc in Quantitative Social Sciences.

The international jobs market is going to need a different kind of social science graduate. We're leading the way with two innovative degrees.

A new kind of social science degree

Today, social science graduates are expected to have more than one area of expertise. Our innovative degrees are taught by experts from across the social sciences faculty so you're not limited to just one subject. We also have a strong focus on research skills that will set you apart from other graduates.

Making you ready for work

Work experience and practical skills are a big part of our degrees. There are opportunities to go on work placements, for short periods or for a whole year, and you'll learn methods used by the world's leading social sciences researchers.

Both courses draw on research and teaching expertise from across Sheffield's Faculty of Social Sciences. Our world-class research addresses the major challenges facing society and it enhances our teaching.

BA Applied Social Science

This innovative degree breaks down the boundaries between different social science disciplines. In the first year you'll study two or three subjects, examining societal issues from various points of view. In the second year you choose a major and a minor subject which you'll study for the rest of the course.

These are the subjects:

- Criminology
- Education, Culture and Childhood
- Human Geography
- Politics
- Sociology
- Social Policy

Throughout the course, you'll get training in the quantitative and qualitative methods of social science research. You'll learn how to present research findings and data in a variety of formats.

Every first-year student gets valuable experience working on a project with an external client such as a business or a local government department. In the second year you can go on a work placement or take a module in entrepreneurial skills. This course is also available as a part-time route over six years.

BSc Quantitative Social Science

This course gets to the heart of social science and why it matters: how high-quality research is done, how it's communicated and the difference it can make to our lives.

As one of only 15 UK Q-Step centres, we deliver intensive training in quantitative methods. From gathering and interpreting data, to understanding trends and how social statistics are created and used, you'll learn data literacy and analysis skills in an accessible, engaging, rigorous way.

You'll learn how to use statistical software packages to find answers to the important questions about society, through hands-on practical sessions using our state-of-the-art computer laboratory. You'll become a highly proficient researcher, adept at communicating your findings to both a specialist and non-specialist audience. You'll also be well-versed in the intellectual concerns of contemporary social science, specialising in one of the following areas:

- Geography, Landscape and Urban Studies
- Criminology, Politics and Sociology
- Management

You'll take a module that focuses on employability. There are plenty of chances to get valuable work experience, including on our placement scheme. You might work on a project for an industry partner, go on placement with a company or do consultation work for a local government office.

Q-Step

Q-Step was developed as a strategic response to the shortage of quantitatively-skilled social science graduates. It is funded by the Nuffield Foundation, the Economic and Social Research Council (ESRC) and the Higher Education Funding Council for England (HEFCE). For more information go to **www.nuffieldfoundation.org/q-step**

Expertise and resources will be shared across the higher education sector through an accompanying support programme, which will also forge links with schools and employers.

This is a £19.5 million programme designed to promote a step-change in quantitative social science training. Over a five-year period from 2013, fifteen universities across the UK were charged with delivering specialist undergraduate programmes, including new courses, work placements and pathways to postgraduate study.

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"My SMI placement was with the YouGov Political and Social Team, working with different clients such as Channel 5, Centre for Social Justice and The Times newspaper. I analysed survey data to make sure the statistics weren't presented in a misleading way."

Niall
BSc Quantitative Social Sciences Graduate

GLOSS

Our department is part of the University's Faculty of Social Sciences so our students can take part in exciting initiatives like our Global Learning Opportunities in the Social Sciences (GLOSS) scheme. GLOSS gives both undergraduate and postgraduate students the chance to apply to attend major international summits like the G20.

Find out more here: **www.sheffield.ac.uk/gloss**

Careers

Our courses have been designed to meet the growing demand for social science researchers with quantitative data skills. You might choose to apply your skills in the public or private sector, for a charity or an NGO. If you're interested in starting your own business, we can help you prepare for that too.

UCAS Code | Course		A Level	IB	BTEC	Additional information
BA(Honours)					
L431	**Applied Social Science**	ABB	33	DDD	GCSE Maths grade 4 or C
BSc(Honours)					
L435	**Quantitative Social Science**	ABB	33	DDD	GCSE Maths grade 4 or C

Part time: Applied Social Sciences BA(Honours) is available to study part time and has the same entry requirements as the full-time course. For details on how to apply for part-time options, contact the department.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Applied Social Science with Foundation Year (alternative route for mature students)	Page 198
Quantitative Social Science with Foundation Year (alternative route for mature students)	Page 198

Sociological Studies

www.sheffield.ac.uk/socstudies
sociologicalstudies-admissions@sheffield.ac.uk
+44 (0)114 222 6402

Typical A Level requirements
ABB–BBB

Additional opportunities
- **Study abroad**
- **Degree with employment experience**

79% of our research is world-leading or internationally excellent
Research Excellence Framework 2014

You'll learn about key concepts like society, identity and welfare. Our degrees explore important sociological issues including crime, migration, gender and poverty.

About us

Our world-leading interdisciplinary research shapes our teaching, so you're always challenged and up to date. Our staff are experts in their fields and work with organisations in the UK and worldwide, bringing fresh perspectives to your studies. They'll give you the advice and support you need to excel in your subject. There are around 130 places available on our courses.

Lead the way

Our courses develop students who are socially aware, with strong analytical skills and a flair for approaching problems in new ways. You'll become skilled at research and bring your own insights to key issues that affect our lives.

In your third year, specialist modules allow you to investigate current thinking on a wide range of topics. You'll learn about the latest research from subject experts and explore your ideas in workshop-style sessions.

Work experience

You can study our courses with the Degree with Employment Experience option. This allows you to apply for a placement year during your degree to gain valuable experience and improve your employability.

BA Sociology
BA Sociology with Social Policy
BA Sociology with Criminology

What is the price of inequality? Does the welfare state work? Can society ever truly be equal? Sociology focuses on the relationship between individuals and society. It examines how personal attributes and experiences relate to wider issues, understanding how group phenomena can give collective meaning to an individual's actions. It also looks at the way forces such as globalisation impact upon society.

These courses cover the fundamentals of sociological and policy analysis, with opportunities to specialise in social policy or criminology. You'll explore research techniques and information retrieval, and develop your presentation and analytical skills. In your final year you'll carry out field research and complete a research project in an area that interests you.

BA Digital Media and Society

What happens to the information we share on social media? How do apps, platforms and devices change our social world? This course is unique in offering you the opportunity to develop a broad understanding of the relationship between digital media and society. You will also learn how to make digital media products (such as websites and animations) that focus on the needs of the user and to use innovative digital methods to research digital media in society.

You will study the human consequences of digital media developments, the ways in which social factors shape these developments and the various domains in which digital media are developed, used and have an impact.

There is an opportunity to undertake a work placement in the final year of this course.

GLOSS

Our department is part of the University's Faculty of Social Sciences so our students can take part in exciting initiatives like our Global Learning Opportunities in the Social Sciences (GLOSS) scheme. GLOSS gives both undergraduate and postgraduate students the chance to apply to attend major international summits like the G20.

Find out more here: **www.sheffield.ac.uk/gloss**

What our graduates do

Our graduates work in a range of sectors including broadcasting, the police service, teaching and social work. They're also employed in local government, the civil service, charity and campaign organisations, and market research.

Some have carried out graduate training with national and international companies, and are employed around the world. Many go on to masters courses in sociology and social policy and other areas such as human resources.

The Sociology Society

The department has a vibrant student society. The Sociology Society (SocSoc) is run by fellow sociology students and offers you the opportunity to take part in various activities including social events, sports, charity work and volunteering in addition to trips abroad.

UCAS Code | Course		A Level	IB	BTEC
BA(Honours)				
L300	**Sociology**	BBB	32	DDM
L390	**Sociology with Criminology**			
LL34	**Sociology with Social Policy**			
L391	**Digital Media and Society**	ABB	33	DDD

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
English Language and Sociology	Page 110
History and Sociology	Page 124
Politics and Sociology	Page 171
Sociology with Criminology with Foundation Year (alternative route for mature students)	Page 198
Sociology with Foundation Year (alternative route for mature students)	Page 198

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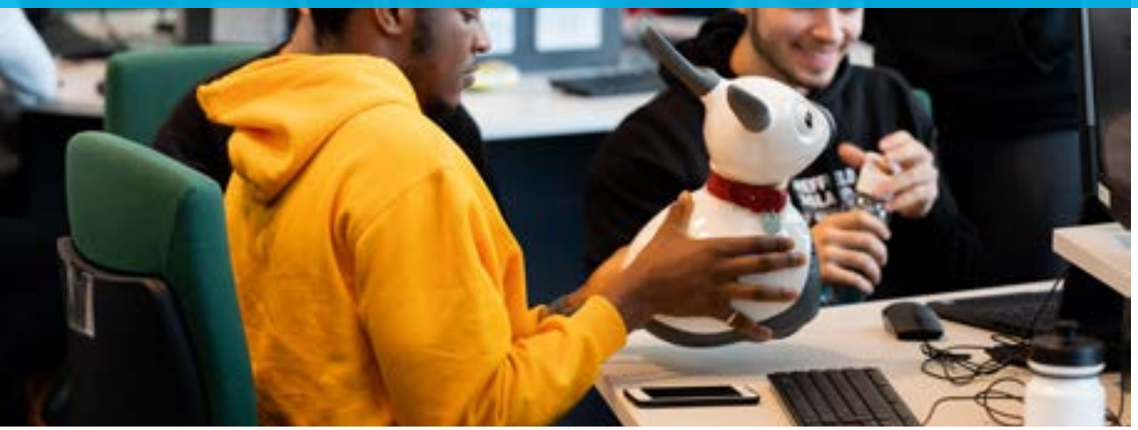

Software Engineering

www.sheffield.ac.uk/dcs
ug-compsci@sheffield.ac.uk
+44 (0)114 222 1800

Typical A Level requirements

Direct entry	Foundation year
AAA–AAB	**BBB–BBC**

Additional opportunities

- **Study abroad**

90% overall satisfaction
National Student Survey 2019

UK top five for research
Research Excellence Framework 2014

Learn how to build teams and manage software projects – and how to engage with real customers to discover business opportunities.

Stand out from the crowd

Our degrees help you become more than just a programmer – you'll develop skills in teamwork, communication, software project management, entrepreneurship and interaction with real customers. You can try speech recognition, voice synthesis, text summarisation, machine translation, robot learning and control, computational biology, 3D computer game design and mobile app development.

Software Hut and Genesys

We give you hands-on experience in a professional environment. From the second year, you'll work on projects for real customers in the Software Hut. As part of our four-year MEng degrees, you'll be able to participate in Genesys – the longest-running student-led software development organisation in the UK – which will give you the opportunity to gain real industrial experience with a great deal of personal responsibility.

Year in industry

You can enhance your career prospects even further by taking one of our degrees with a year in industry. You will undertake your industrial placement between the second and third years of study (this can also be done between the third and fourth years of study in the case of our four-year MComp and MEng courses). As well as being paid a salary during your placement you will pay reduced tuition fees for that year.

World-class teaching

You'll be taught by experts who are up to date with all the latest technologies. Many of our academic staff are internationally recognised as researchers in specialised fields of computer science. We also host guest speakers from companies such as Microsoft, Google, GitHub, IBM and ARM.

Accreditation

Our degrees are accredited by the BCS – The Chartered Institute for IT – who can award the following professional qualifications: Chartered Information Technology Professional (CITP) and Chartered Engineer (CEng). All of our degrees meet the requirements for CITP. MEng/MComp degrees also meet the requirements for CEng status. Students completing BSc/BEng programmes only partially fullfil the requirements for CEng status, requiring further work to fully qualify.

BEng/MEng Software Engineering

Our software engineering degree focuses on the art of engineering complex software systems. The course not only teaches you state-of-the-art software design and programming technologies, but also lets you practise your skills in project management, teamwork and working with customers – skills expected by employers. You will also get a solid grounding in the fundamentals of computer science and the opportunity to explore aspects of artificial intelligence.

Software Engineering with a Foundation Year

If you want to study with us but don't meet our standard entry requirements, our foundation year could be for you. You'll learn the fundamentals of maths, physics and engineering in a variety of innovative ways to prepare you for your degree.

For more information about our foundation year, see page 197 or visit www.sheffield.ac.uk/sefy

What our graduates do

Some of our graduates have gone on to become IT consultants, software engineers, software developers, project managers, and data scientists in companies such as Amazon, ARM, BT, Bank of America Merrill Lynch, Goldman Sachs, Google, IBM, Microsoft, and Plusnet. Others have begun their research careers by starting a PhD.

UCAS Code | Course		A Level	IB	BTEC	Additional information
MEng(Honours)					
G650	**Software Engineering**	AAA–AAB	36–34	Only considered when combined with other qualifications	Maths at A Level or IB Higher Level grade 6
G654	**Software Engineering with a Year in Industry**				
BEng(Honours)					
G600	**Software Engineering**	AAA–AAB	36–34	Only considered when combined with other qualifications	Maths at A Level or IB Higher Level grade 6
G604	**Software Engineering with a Year in Industry**				
Foundation Year					
G651	**Software Engineering with a Foundation Year**	BBB–BBC	32–31	DDD	Dependent on subjects studied Minimum GCSE Maths and Science grade 6 or B A Level General Studies and Critical Thinking not accepted

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Computer Science	Page 81
General Engineering (MEng/BEng)	Page 112

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"Placements are the most enjoyable part of the course because not only do you learn the theory of therapy, you are able to put it into practice. I feel that this is really rewarding as I am able to see the progress that clients make, and for me that is what this profession is all about."

Alycia Lim
BMedSci Speech and Language Therapy

Speech and Language Therapy

www.sheffield.ac.uk/hcs
hcs-admissions@sheffield.ac.uk
+44 (0)114 222 2405

Typical A Level requirements
AAB

100% of our research is world-leading or internationally excellent
Research Excellence Framework 2014

Our BMedSci qualifies you to practise as a speech and language therapist.

Learn from the best

Our courses are taught by some of Britain's leading experts in the field. What they teach is often based on their own internationally recognised research. We'll give you access to specialist facilities, detailed feedback on all your work, and one-to-one support. Our active on-site clinic will give you the opportunity to gain valuable practical experience during your degree.

BMedSci Speech and Language Therapy

This three-year course leads to a professional qualification to practise as a speech and language therapist. Speech and language therapists are professionals who help children and adults who have difficulties with communication or with eating, drinking or swallowing.

The course provides an interactive learning experience encouraging students to be both active and reflective learners. You'll study a range of subjects including communication development and disorders, clinical methods, biomedical sciences, psychology and linguistics.

You'll learn from an interdisciplinary team of clinical and research specialists. You'll work closely with your peers in a supportive environment as you develop your knowledge and skills towards becoming an independent practitioner.

You'll develop your clinical expertise through hands-on training and clinical placements in settings such as schools and hospitals throughout Sheffield and the surrounding areas.

You'll also have access to our award-winning in-house clinic, where you'll benefit from additional specialist facilities and training.

Disclosure and Barring Service (DBS)

Because aspects of our courses involve working directly with children and vulnerable adults, all applicants must undergo a DBS check and register with the Independent Safeguarding Authority. See page 209 for details.

What our graduates do

Our graduates are recognised as qualified speech and language therapists. They go into rewarding careers working with a wide range of clinical populations in a variety of settings. Many go on to postgraduate education and research.

UCAS Code | Course		A Level	IB	BTEC	Additional information
BMedSci(Honours)					
B621	**Speech and Language Therapy**	AAB	34	DDD	A Level in General Studies is not accepted

Subject requirements: please see www.sheffield.ac.uk/undergraduate/policies/alevel

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
English Language and Linguistics	Page 108
Health and Human Sciences	Page 119
Psychology	Page 176

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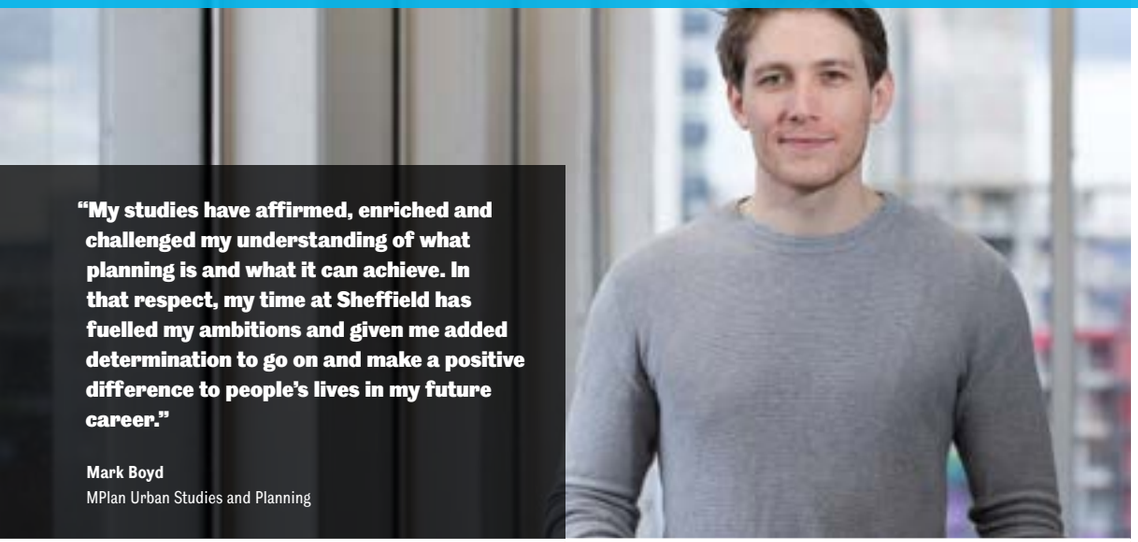

"My studies have affirmed, enriched and challenged my understanding of what planning is and what it can achieve. In that respect, my time at Sheffield has fuelled my ambitions and given me added determination to go on and make a positive difference to people's lives in my future career."

Mark Boyd
MPlan Urban Studies and Planning

Urban Studies and Planning

www.sheffield.ac.uk/usp
usp-admissions@sheffield.ac.uk
+44 (0)114 222 6900

Typical A Level requirements
ABB

Additional opportunities
- **Degree with employment experience**
- **Study abroad**

No. 1 RTPI accredited planning school in the UK
Research Excellence Framework 2014

UK top 5 for town and country planning and landscape
The Times and Sunday Times Good University Guide 2020
The Complete University Guide 2020

Our MPlan Urban Studies and Planning course is the only triple accredited planning course in the UK.

Our courses will equip you with the knowledge and skills to build a successful career in planning and other urban studies professions.

Shaping the world

Re-shaping the spaces where we live and work has never been more important. Our courses explore key issues such as sustainability and urban regeneration, giving you the knowledge and skills to make a positive impact in the world. Sheffield is a living laboratory where students can gain hands-on experience by addressing these challenges in the field. Our students work on community planning projects in areas like Kelham Island, which was crowned the UK's best neighbourhood in 2018. You'll have the opportunity to learn from community groups and develop plans for this rapidly-changing neighbourhood, balancing the needs of different groups and developing the practical planning skills you'll need to make fairer, healthier and more sustainable places throughout your career.

Prepare for your future

As a top UK planning school we are acclaimed internationally for the quality of our research and teaching. Our dedicated Placements and Employability Manager maintains close links to business and local government, so that our students develop the skills businesses need and gain practical experience through work placements.

We encourage you to be creative and apply your skills to complex social, political and environmental issues. With an open door policy and a balance between lectures, seminars and practical work, our staff will give you the confidence and support you need to succeed.

Professional accreditation

We have a close relationship with the Royal Town Planning Institute (RTPI), the Royal Institution of Chartered Surveyors (RICS) and the Chartered Institute for Housing (CIH).

Our MPlan Urban Studies and Planning provides a professionally approved route into the planning or surveying professions. It is the only triple accredited course of its kind in the UK, with full accreditation by the RTPI and RICS and partial accreditation by the CIH.

Each year the RTPI nominate outstanding achievers in the field of planning. Six of our graduates have been recognised in recent years.

Flexible study

Our flexible courses can be customised to suit your interests, or even combined with another subject to widen your career options. We offer the flexibility to transfer between our undergraduate programmes during your studies, and provide opportunities for you to spend part of your course in Europe, Australia, Hong Kong, Singapore or the USA.

MPlan Urban Studies and Planning

The first year of this four-year course covers core ideas that influence planning and urban development and the skills planners need, including urban design. It includes a field trip to York.
The second year develops your understanding of concepts and practices in urban studies and planning. There is a residential field trip, currently to the Netherlands. Before you begin your third year, you'll have a period of work experience in a local planning office or private sector planning consultancy, looking at how plans are made.

The third year focuses on how planning theory and practice interact. You'll have a further period of work experience in a local planning office or private sector planning consultancy, during the Easter vacation.

Your final year prepares you for professional practice and allows you to develop your knowledge and expertise through specialist options. You can spend part of the year studying in Denmark, Italy or France under our European exchange programme.

BA Urban Studies

This interdisciplinary three-year course gives you substantial knowledge of urban issues and is suitable for students with an interest in the social, economic, political, planning, history, design or environmental aspects of cities. Our BA Urban Studies includes core modules for understanding cities and how they work, both in the UK and abroad, before enabling you to specialise in the areas that most interest you. This degree allows for maximum flexibility and personalisation of your course, while ensuring that you gain key analytical and practical skills for the workplace.

BA Geography and Planning

This course is taught jointly with the Department of Geography, allowing you the flexibility to combine human geography modules with the practical edge of a planning education. Graduates typically go on to careers in planning and the built environment, or continue studying at Sheffield to work towards a professionally accredited masters degree. This enables them to enter their chosen profession, whether it is planning, international development, real estate, urban design, or geographic data science.

Degrees with employment experience

The Degree with employment experience option allows you to apply for a placement year during your degree to gain valuable experience and improve your employability.

GLOSS

Our department is part of the University's Faculty of Social Sciences so our students can take part in exciting initiatives like our Global Learning Opportunities in the Social Sciences (GLOSS) scheme. GLOSS gives both undergraduate and postgraduate students the chance to apply to attend major international summits like the G20.

Find out more here: **www.sheffield.ac.uk/gloss**

What our graduates do

Most of our graduates go on to work in planning or a related career in the built environment professions, including housing, transport planning, development control, forward planning, regeneration, urban design, heritage and conservation.

Recent graduates have gone on to work for public and private sector organisations such as AECOM, Arup, CBRE, Deloitte, Harrow London Borough Council, Sheffield City Council and the Lake District National Park Authority. More than half of our graduate planners take up posts with planning consultancies and several are employed by major global built environment firms.

UCAS Code	Course	A Level	IB	BTEC	Additional information
MPlan(Honours)					
K400	**Urban Studies and Planning**	ABB	33	DDD	GCSE Maths grade 4 or C
BA(Honours)					
L722	**Urban Studies**	ABB	33	DDD	GCSE Maths grade 4 or C
LK74	**Geography and Planning**				

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Geography	Page 116
Geography and Planning with Foundation Year (alternative route for mature students)	Page 198
Landscape Architecture	Page 128
Urban Studies and Planning with Foundation Year (alternative route for mature students)	Page 198
Urban Studies with Foundation Year (alternative route for mature students)	Page 198

"I've loved being able to get involved with real research in my third year and fourth year projects. We've investigated the impacts of forest fragmentation and logging on biodiversity in the tropics. It's exciting to find out new information from your data, and all the highs and lows that come with carrying out the project make it a very gratifying experience."

Cindy Cosset
MBiolSci Zoology

Zoology

www.sheffield.ac.uk/aps
apsadmissions@sheffield.ac.uk
+44 (0)114 222 0123

Typical A Level requirements

Direct entry **AAA–AAB**

Foundation year **BBC**

Additional opportunities

- **Degree with placement year**

100% overall satisfaction
National Student Survey 2019

UK top 10 for biological sciences
The Times and Sunday Times Good University Guide 2020

Top 5 for biological research
Research Excellence Framework 2014

Follow your passion for animals alongside subjects such as genetics, physiology, evolution and behaviour, biodiversity and conservation.

About us

We don't just teach zoology – we do zoology. And so will you – through lectures, practicals, field courses and a research project and dissertation. Our staff are world leaders in zoology providing research-led teaching in animal behaviour, evolutionary genetics, species interactions and conservation biology. We work with insects, molluscs, microbes, mammals, fish and birds from marine, terrestrial and freshwater communities. Much of what we teach is based on our own pioneering research.

How we teach

Making sure you have an understanding of how research is done and how to judge reliable knowledge is at the heart of our teaching. We combine lectures based on our world-leading research with small group tutorials, cutting-edge lab and field research practicals, and research experience via projects and critical reviews. We're a close-knit community where every student gets the support and encouragement they need to achieve their best work.

Our zoology modules focus around whole organisms and extend from physiology, genetics and speciation to behaviour, food-webs, biodiversity and conservation. You can even take modules across the biosciences including microbiology, biochemistry and human disease.

You'll have the option to go on a two-week long field course. Destinations include the Peak District National Park, Anglesey, Ireland, Arctic Sweden, the Mediterranean or tropical Malaysian Borneo.

Our facilities

Our students get to use our state-of-the-art facilities which include modern tools for DNA and biomolecular analysis, controlled environment chambers to simulate any past, present or future climate, experimental gardens and ponds, and extensive computing resources for simulations.

Zoology – BSc or MBiolSci

Our three-year BSc is a research-led course covering the full breadth of zoology. The four-year MBiolSci adds an extra year of advanced research training, embedding you in one of our research labs. This year upgrades your degree to Master of Biological Science. You'll develop and carry out a research project with world-leading scientists on a topic that matches your interests.

Zoology with Placement Year

Both our BSc and MBiolSci Zoology with Placement Year degrees allow you to do a year-long, paid work placement between your second and third year as a recognised part of your studies. A placement is a great way to gain valuable work experience and learn new skills to make you stand out in the graduate jobs market, and you'll pay reduced fees for the year you're on placement. Our students have worked in industry, charities and academia with placements ranging from zoo conservation to chocolate research.

Placements aren't guaranteed – it's your responsibility to secure one but we'll do everything we can to help.

Biosciences with Foundation Year

If you want to study zoology but don't meet the entry requirements to go straight into the first year, our foundation year could be for you. After successfully completing the one-year programme, you'll progress onto the first year of your chosen bioscience degree.

For more information about our foundation year, see page 197 or visit www.sheffield.ac.uk/sefy

What our graduates do

Our students graduate with a deep knowledge of zoology as well as core transferrable skills in data analysis, presentation and writing. They're well equipped for positions in environmental consulting, wildlife trusts, and international conservation organisations. Some choose to work in business, IT and consulting linked to sustainability, museums, banking, agriculture and health. Many go on to do PhDs.

UCAS Code	Course	A Level	IB	BTEC	Additional information
BSc(Honours)					
C300	**Zoology**	AAA–AAB	36–34	Only considered when combined with other qualifications	Including two Science subjects at A Level or IB Higher Level grade 6 GCSE Maths grade 4 or C
C305	**Zoology with Placement Year**				
MBiolSci(Honours)					
C309	**Zoology**	AAA	36	Only considered when combined with other qualifications	Including Biology and a second Science subject at A Level or IB Higher Level grade 6 GCSE Maths grade 4 or C
C304	**Zoology with Placement Year**				
Foundation Year					
C900	**Biosciences with Foundation Year**	BBC	31	DDM	Including a Science subject at A Level or IB Higher Level grade 5 GCSE Maths grade 6 or B A Level General Studies is not accepted

Subject requirements: acceptable Science subjects include Biology/Human Biology, Chemistry, Physics, Psychology, Mathematics, Computer Science, Geology, Statistics, Geography, Economics and Environmental Science/Studies. Where Biology is required at A Level Human Biology is accepted in lieu of this. As well as the above Foundation Year will also accept Further Mathematics.

English language requirements: see page 209.

Other qualifications: we accept a wide range of qualifications from the UK and around the world, either as a single qualification type or in combination. You'll find details of the other qualifications we accept on page 208 or on our online prospectus: www.sheffield.ac.uk/undergraduate/courses

BTEC: please check our online prospectus for specific BTEC subject requirements.

For more information about entry requirements, please contact the department.

To find out if you're eligible for additional consideration or an alternative offer, visit: www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Related courses	
Biology	Page 61
Biosciences with Foundation Year	Page 197
Ecology and Conservation Biology	Page 93
Plant Sciences	Page 168

Education for all

We welcome students from a diverse range of backgrounds. Whether you're looking to study on a foundation year, an undergraduate degree or an apprenticeship, or you're a mature student, there's a course here at Sheffield for you.

Widening participation

We work with many schools and colleges to ensure that students who have the potential to benefit from and succeed in higher education have the opportunity to do so.

Our outreach programmes target prospective students from groups currently under-represented in higher education. This is to help raise awareness of opportunities, to raise aspirations and to assist in raising attainment to help prospective students achieve their full potential.

For more information on outreach schemes and our work with schools and colleges, visit:
www.sheffield.ac.uk/schools

Applicants with disabilities or specific learning difficulties

We welcome applications from disabled students and students with a specific learning difficulty such as dyslexia. If you're thinking of applying, please see the Disability and Dyslexia Support Service website for information on the support available:
www.sheffield.ac.uk/ssid/disability

The website includes a downloadable copy of our publication, Information for Disabled and Dyslexic Students. Copies are also available from:

Disability and Dyslexia Support Service
+44 (0)114 222 1303
disability.info@sheffield.ac.uk

When completing your UCAS application, please indicate that you have a disability. This information will not be considered as part of the academic decision-making process. If we offer you a place, we'll contact you with information about appropriate support and facilities.

We may ask you to complete an online form where you can give us more information. This is optional, but can help us to arrange in advance any support you might require. Where appropriate, we can also arrange for you to discuss support with one of our advisers, or to visit the campus before you start your course.

Science and Engineering Foundation Year

If you want to study engineering, physics, chemistry or bioscience but haven't met our standard entry requirements, you may be able to enrol on a science and engineering foundation year.

You'll study the combination of maths, sciences and engineering you'll need to begin the first year of whichever undergraduate degree course you've chosen. A range of disciplines are available. Once you've passed the foundation year, you'll progress onto year one of your chosen degree.

We accept students with a wide variety of qualifications. We also welcome mature students.

For more information, visit:
www.sheffield.ac.uk/sefy

Foundation courses for international students

We offer a range of pathways to hundreds of degrees through the University of Sheffield International College. These are all designed to develop the academic and English skills needed to succeed at undergraduate level.

The foundation courses have been developed in collaboration with the University, so modules are relevant to your field of study. You'll study in small classes with teachers who are experts at helping students to learn in a second language.

For more information, visit:
usic.sheffield.ac.uk

AMRC apprenticeships

Our Advanced Manufacturing Research Centre (AMRC) offers focused training programmes that combine real work experience with learning and development. The AMRC Training Centre is regarded as the centre of excellence for apprenticeship and CPD delivery within the Yorkshire and Humber region. Our state-of-the-art centre offers the very best in practical and academic training. Working with employers, we identify and provide the skills that manufacturing companies need to compete globally.

Apprenticeships are available for all home students, aged 16 and over. For more information, visit: **www.amrctraining.co.uk/apprenticeships**

Mature students

We welcome applications from mature students. A mature applicant is defined as someone who will be over the age of 21 on entry.
www.sheffield.ac.uk/mature

The Department for Lifelong Learning offers a wide variety of degrees with a foundation year for mature students who don't have the usual qualifications.

The requirements for entry are different to those for students applying directly for a degree course elsewhere in the University. What we're really looking for is passion, commitment and life experience, and we're always happy to discuss your options with you before you apply.

For more information on the courses available to mature students, visit: **www.sheffield.ac.uk/dll**

We offer the following degrees with a foundation year for mature students:

UCAS code	Course title	Full time (FT) or part time (PT)
L432	BA Applied Social Science with Foundation Year	FT/PT
F401	BA Archaeology with Foundation Year	FT/PT
FV42	BA Archaeology and History with Foundation Year	FT
C110	BSc Biology with Foundation Year	FT
B905	BSc Biomedical Science with Foundation Year	FT
N201	BA Business Management with Foundation Year	FT
T301	BA East Asian Studies with Foundation Year	FT
X301	BA Education, Culture and Childhood with Foundation Year	FT
QV32	BA English and History with Foundation Year	FT
QV34	BA English and Philosophy with Foundation Year	FT
Q307	BA English Literature with Foundation Year	FT/PT
Q305	BA English Language and Literature with Foundation Year	FT
Q310	BA English Language and Linguistics with Foundation Year	FT
QL34	BA English Language and Sociology with Foundation Year	FT
F901	BSc Environmental Science with Foundation Year	FT
L701	BA Geography with Foundation Year	FT
F801	BSc Geography with Foundation Year	FT
L790	BA Geography and Planning with Foundation Year	FT
B990	BMedSci Health and Human Sciences with Foundation Year	FT/PT
V101	BA History with Foundation Year	FT/PT
RV51	BA History and Modern Languages with Foundation Year	FT
VV16	BA History and Philosophy with Foundation Year	FT
VL14	BA History and Politics with Foundation Year	FT
P501	BA Journalism with Foundation Year	FT
K3K5	BA Landscape Architecture with Foundation Year	FT
T901	BA Modern Languages and Culture with Foundation Year	FT
W301	BMus Music with Foundation Year	FT/PT
B521	BMedSci Orthoptics with Foundation Year	FT
V501	BA Philosophy with Foundation Year	FT
VV57	BA Philosophy, Religion and Ethics with Foundation Year	FT
L205	BA Politics with Foundation Year	FT
LV26	BA Politics and Philosophy with Foundation Year	FT
C801	BSc Psychology with Foundation Year	FT
L436	BA Quantitative Social Sciences with Foundation Year	FT
L301	BA Sociology with Foundation Year	FT
L302	BA Sociology with Criminology with Foundation Year	FT
K441	BA Urban Studies with Foundation Year	FT
K401	MPlan Urban Studies and Planning with Foundation Year	FT

Our list of degrees with a foundation year is expanding all the time. For the most up to date list of available courses visit: www.sheffield.ac.uk/dll/courses/foundation

We also offer a part-time foundation programme which prepares students for further part-time or full-time degree or certificate level study.

For more information on any of our courses for mature students, please visit: www.sheffield.ac.uk/dll/courses

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Fees and financial support

This year we supported many of our students through scholarships and bursaries.

In 2019/20 we dedicated over £8.5million to home students and £4.7million to international students.

Fees

For the most up-to-date information about fees see our website:
www.sheffield.ac.uk/undergraduate/fees-funding

Funding your studies

To make things a little easier, we offer a range of financial support.

Find out how much you could get towards your study and living costs with our online calculator:
www.sheffield.ac.uk/funding/calculator

Managing your money

Managing your finances while you're at university can be a bit of a challenge. If you really want to make the most of your time here – and we know you do – you need to take budgeting seriously.

But there's nothing to it once you know how. Our award-winning student services teams are on hand with practical advice from the moment you apply right through to graduation.

In the meantime, use our online calculator to find out how much money you'll have to work with. Then use our online Money Planner to help you figure out a budget that works for you:
www.sheffield.ac.uk/moneytools

Financial help for home students

We offer a number of bursaries and scholarships. If you're eligible for one of these awards, the money is yours to keep. You don't have to pay any of it back and it doesn't affect any funding you get from the government.

Bursaries

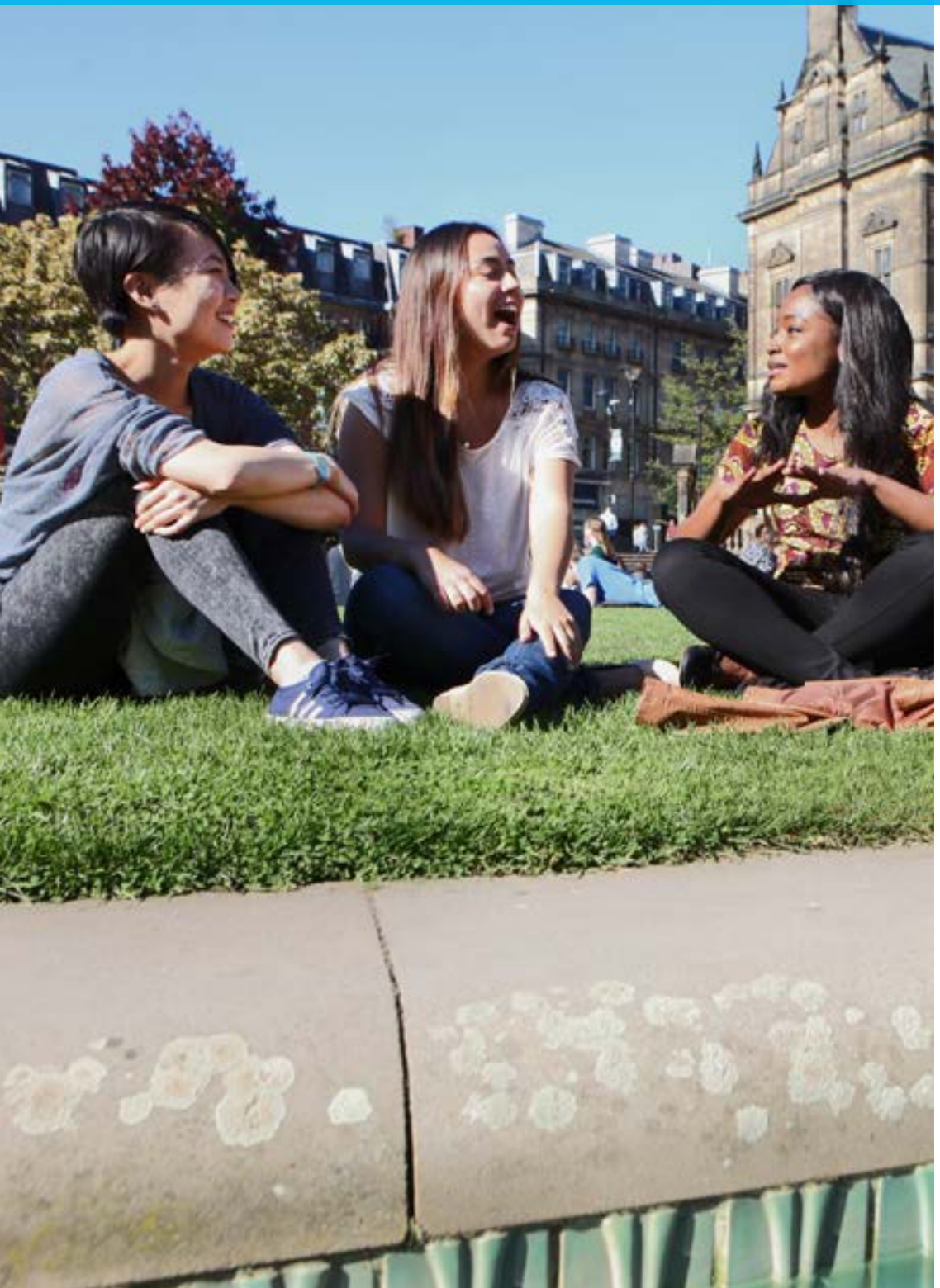
If you're a home fee-paying student, you could get a University bursary every year of your course, depending on your household income, postcode and grades. We offer bursaries for carers, care leavers and students who are estranged from their parents or guardian.
www.sheffield.ac.uk/undergraduate/fees-funding

Scholarships for home students

The University offers a number of scholarships and these aren't just financial awards. They also include opportunities for work placements and studying overseas. For more information, including how and when to apply, please see:
www.sheffield.ac.uk/explorescholarships

Support from the UK government

Eligible home students can access support from the UK government to pay their tuition fees and contribute to living costs. What you can apply for depends on your circumstances. You can find out more from our website:
www.sheffield.ac.uk/undergraduate/fees-funding/loans



How do I pay my tuition fees?

Home students can take a loan from the Student Loans Company (Student Finance England or equivalent authority) to pay their tuition fee. The University then receives payment on your behalf. Students who wish to pay their fees themselves, should refer to: **www.sheffield.ac.uk/ssid/fees**

Fees for overseas students

If you're not eligible for home fee status, you will be eligible to pay the overseas tuition rate. To find out what rate of tuition fee you'll pay, visit: **www.sheffield.ac.uk/ssid/fees/status**

Fixed fee guarantee for overseas students

We offer a special fixed fee guarantee for overseas students taking courses longer than one year. The tuition fee you pay in your first year will be the same for each year of your course. We unfortunately cannot guarantee this for medicine and dentistry clinical undergraduate courses, as we are awaiting confirmation of 2021/22 clinical placement fee and funding arrangements.

Overseas rates for 2021–22 entry will be set in September 2020 and details should be available on the University's website from September 2020. See: **www.sheffield.ac.uk/ssid/fees/ug**

How do I pay my fees if I'm an overseas student?

You'll be sent information about payment arrangements before you start. You can pay your fees in full in advance or you can opt to pay in instalments. Details of the University's instalment plans for 2020–21 will be available in Spring 2020: **www.sheffield.ac.uk/ssid/fees**

If your fees are being paid by a sponsor, you'll need to provide us with a letter from the company, embassy or organisation. We'll send them an invoice for their share of the tuition fee. **www.sheffield.ac.uk/registration/tuitionfees/sponsored-students**

International scholarships

We award a number of scholarships every year to international students with exceptional academic potential. Further information about scholarships is available at: **www.sheffield.ac.uk/international**

Financial assistance may be available from your own government and from other sponsors.

Living expenses for overseas students

Your living costs will depend on your standard of living. To qualify for a visa, the UK government calculates your living costs as £1,015 per month for your study at Sheffield. So you'll need £9,135 for one academic year (ie nine months in Sheffield from September to June). Visa requirements change often. Remember to check the requirements so you can plan your finances. **www.gov.uk/tier-4-general-visa**

These figures include the cost of accommodation but do not include the cost of childcare. You'll also need to budget for the additional cost of travel to and from your home country.

If you have any dependants you'll need to budget for them. The UK government calculates that you'll need £680 per month for each dependant (eg spouse, child).

Applying

Our intellectual community brings together students and staff from all parts of the world, of all educational and social backgrounds. We welcome applications from anyone who has the desire to learn, and will support all learners to achieve their potential.

Before you apply

- Read our Applying Essentials guide at: **www.sheffield.ac.uk/undergraduate/apply**
- Read our Student Admissions Policy at: **www.sheffield.ac.uk/study/policies/admissions**
- Check the online prospectus for the most up-to-date course information and entry requirements at: **www.sheffield.ac.uk/prospectus**
- Visit your chosen department's website: **www.sheffield.ac.uk/departments/academic**

How to apply

You should apply online through UCAS: **www.ucas.com/students**

If you don't have internet access, please contact UCAS customer services on **0371 4680468** (from within the UK) or **+44 330 3330 230** (from outside the UK).

The UCAS code for the University of Sheffield is S18 SHEFD. There's no campus code.

When to apply

Applications for undergraduate degree courses starting in September 2021 should be submitted between:

- 1 September 2020 and 15 January 2021 to be guaranteed equal consideration with other applicants.
- 16 January 2021 and 30 June 2021 for further consideration, although we may not be able to consider your application if all the places on the course you've applied for have been filled.

If you're applying for entry to the MBChB Medicine or the BDS Dental Surgery, you should submit your application by 15 October 2020.

Applying for deferred entry

If you don't want to begin your studies straight away, you can defer your entry for a year. For example, you could apply in autumn 2020 for entry in September 2022. We welcome applications for deferred entry, and treat them on an equal basis with other applications.

Applications for deferred entry are considered under the conditions for entry in the UCAS application year in which they're submitted, and applicants must satisfy these conditions by 31 August of that year. If you're applying for entry in September 2022, for example, you must have met the conditions of your offer by 31 August 2021.

Applying for entry to year/level two

We're happy to consider applications for entry to the second year of an undergraduate course. You should normally have met the Sheffield course's standard A Level requirements (or equivalent). You should also show us that you've undertaken and successfully completed a programme of study equivalent to the first year of the course that you're applying for. We reserve the right to determine whether you've covered an equivalent area of study. In assessing this we may ask you to provide further information on your studies, including course syllabuses.

Applying for a foundation year

For engineering and some science courses, we offer foundation years designed to provide the science preparation necessary for entry. These are intended for students who have already studied science subjects in their Level 3 qualifications, but have not achieved the grades required for direct entry. For more information on the Science and Engineering Foundation Year see page 197.

Through our Department for Lifelong Learning, we also offer foundation courses in a range of other subjects, designed for students who have non-standard qualifications, who have had a sustained period out of education, or whose studies have been significantly disrupted. See page 198.

International students can apply for a foundation course at the University of Sheffield International College. For more information, visit: **usic.sheffield.ac.uk**

All the foundation years offer guaranteed progression to our degree courses providing you achieve the required grades.

International applicants

International students should apply to the University through UCAS. If you would like guidance on our courses or application procedures, you may wish to use the services of one of our international recruitment agents. For a list of our official representatives, visit our website and select your country: **www.sheffield.ac.uk/international**

Fraudulent statements and omissions

Offers of a place are made in good faith by the University and are based on the information you provide at any point during the application process. False statements or omissions of relevant information may lead to the withdrawal of an offer or a place.

How we assess your application

When you submit your UCAS application, we pass it to our trained selectors for academic consideration.

We also check your application for information about your residential category. This determines the level of fee (home or overseas) that you'll be charged if you're offered a place. If we have a query about your residential category, we'll conduct a Fee Status Assessment, which is explained at: **www.sheffield.ac.uk/study/fee-status**

We look for students who are motivated and inquisitive, and have the necessary academic preparation and personal attributes to benefit from the University's learning environment.

Your application will be assessed primarily, but not solely, by reference to your prior and predicted academic achievements. It will be individually assessed by experienced admissions staff who have been appropriately trained and can exercise discretion in interpreting the range of evidence you have provided. Information we may consider includes:

- Your qualifications (such as GCSEs and A Levels, and their equivalents)
- Your predicted grades in future examinations
- The information in your personal statement
- Your referee's statement, for confirmation of your academic potential and personal qualities

Access Sheffield

We recognise that ability isn't always demonstrated through a standard set of A Level or equivalent qualifications. Our Access Sheffield policies help ensure that everyone who has the potential to succeed on our courses has the opportunity to do so.

If you're from a group currently under-represented in higher education, you've participated in our post-16 DISCOVER programme or Realising Opportunities, or you've taken additional qualifications to supplement your level 3 studies, you may be eligible for an alternative offer lower than our standard entry requirements for your course. In other cases, we may be able to give your application additional consideration when we receive it and when exam results are released.

Some of our policies are activated automatically when we receive your application. For others, we'll need you to supply more information about your circumstances, to help us confirm your eligibility and apply the relevant policy to your application.

For more information, see our Access Sheffield web page at: **www.sheffield.ac.uk/undergraduate/apply/access-sheffield**

To find out more about the additional information we consider in the application process, please refer to our Contextual Data Policy Statement at: **www.sheffield.ac.uk/undergraduate/contextual-data-statement**

Attending an interview
For most courses interviews are not a prerequisite for admission, but some departments interview to further assess the motivation and personal qualities of applicants. Departments which interview will provide a clear explanation of the reasons for, and structure of, the interview.

Our decision
We aim to process decisions as quickly as possible. However, given the volume and quality of applications we receive, we're not always able to make a decision immediately. At busy times of the application cycle, particularly towards the October and January deadlines, there may be delays processing applications, both at UCAS and within the University.

Some departments don't begin considering applications until after the 15 January deadline. Departments which interview will not make a decision until the interviews have taken place. In both cases, you should receive a letter or email from the department explaining the procedure.

When we've made our decision, we transmit this to UCAS. You can view the status of your application through the UCAS Track facility:
www.ucas.com/students

We'll also send you an email to let you know that we've made our decision. If we've made you an offer, this email will confirm the details of the course on which we've offered you a place, and include information about course content and tuition fees.

Our offers

All our offers are made by trained admissions tutors and selectors. We're committed to making offers that are appropriate to each applicant and therefore selectors have the discretion to formulate and vary the level of offers.

We make offers when we believe an applicant is capable of benefitting from, and successfully completing, the course.

All offers are subject to our Terms and Conditions:
www.sheffield.ac.uk/study/policies/terms

Unconditional offers
We only make unconditional offers to applicants who have already met all the academic requirements for entry to their chosen course.

We believe that unconditional offers for students who haven't yet sat their exams are not in the best interest of applicants, with UCAS research showing that those holding them are more likely to miss their predicted grades. By achieving your best in your exams, you'll be well prepared for the demands of degree-level study, and you'll be giving yourself the best chance of success at whatever you choose to do after your degree.

Conditional offers
Most offers will be based upon the portfolio of qualifications being taken in Year 13 or the last year of secondary education, and will normally be conditional upon achievement in three A Levels or equivalent qualifications.

We recognise that some UK schools and colleges may not be able to offer their students the required range of qualifications and subjects. If this is the case for you, please ask your school or college to indicate any limitations in provision in the reference part of your UCAS application.

We understand that some applicants may have had their number of A Level subjects restricted through specific personal circumstances. If this is the case for you, you should contact us as early as possible to discuss the suitability of your qualifications and the circumstances that have impacted on your studies.

Offers may also be conditional on other, non-academic, conditions such as the receipt of a satisfactory Disclosure and Barring Service check.

If you have any questions about your offer you should contact the Admissions Service directly:
www.sheffield.ac.uk/study/askus

Alternative offers
If you're from a group currently under-represented in higher education, you've participated in our post-16 DISCOVER programme or Realising Opportunities, or you've taken additional qualifications to supplement your Level 3 studies, you may receive an alternative offer equivalent to one or two grades below the standard A Level entry requirements for your course. For more information see:
www.sheffield.ac.uk/undergraduate/apply/access-sheffield

Processing your results

If you narrowly fail to satisfy the academic conditions of our offer, we may still be able to confirm your place. This will depend on whether we have any places left on the course you've applied for, any extenuating circumstances that may have impacted on your studies, and whether we believe you're sufficiently prepared for the course.

If there are places remaining once the bulk of results have been received in August, your application will be reviewed by the Admissions Tutor in the light of your final results.

Verifying your results
We require all applicants to provide evidence of the qualifications upon which the offer of a place is based. If you're taking A Levels, BTECs, Scottish Highers/Advanced Highers or the International Baccalaureate we normally receive your results via UCAS. If you're studying for another qualification you should expect to present original certificates when you come to register at the University. We'll email you to let you know how you can do this.

Contact us

Feedback on your application
We feel it's important that unsuccessful applicants have the opportunity to receive feedback on their application. However, it's not possible to provide every applicant with feedback, so we only provide feedback in response to requests made to the Admissions Service via **www.sheffield.ac.uk/study/askus**

Once feedback has been issued, we may not be able to respond to additional requests for information on the same application.

We recognise that there may be occasions when applicants wish to make a complaint about the way in which their application has been treated. Where applicants feel they may have a cause for complaint, they are invited to consult our formal Appeals and Complaints Procedure for Applicants:
www.sheffield.ac.uk/study/policies/appeals-complaints

Admissions requirements

We're committed to making our admissions processes as fair and transparent as possible and have the following standard requirements for entry to our undergraduate courses. You should read these alongside our Student Admissions Policy: **www.sheffield.ac.uk/study/policies/admissions**

Academic requirements

GCSEs

You must be proficient in written and spoken English, normally demonstrated by grade 4/grade C or above in GCSE English Language.

Because of the nature of certain subject areas, some courses require higher levels of achievement in English language, or achievement in other GCSEs (for example GCSE Mathematics). Details of any additional GCSE requirements are included in the course entry requirements within this prospectus and in our online undergraduate prospectus: **www.sheffield.ac.uk/prospectus**

Entry qualifications

We welcome applications from students studying a range of UK, European and international qualifications that offer suitable preparation for study at the University. These include qualifications that aren't cited in this prospectus. We publish requirements for a number of other qualifications in our online prospectus and UCAS course search: **www.sheffield.ac.uk/prospectus** and **digital.ucas.com/search**

If you're taking A Levels, we normally require applicants to offer a minimum of three subjects. Guidance on A Level subject combinations can be found at: **www.sheffield.ac.uk/undergraduate/apply/a-levels**

We also accept a range of vocational qualifications, such as BTECs and Cambridge Technicals.

Our offers are usually based on a set of acceptable qualifications that is equivalent in volume to three A Levels. This means that if, for example, you're taking a BTEC National Diploma (equivalent to two A Levels), you could combine it with one A Level. Try to make sure that the different qualifications aren't in the same or very similar subjects. For information about which combinations and subjects are acceptable, visit our online prospectus: **www.sheffield.ac.uk/prospectus**

If your qualifications aren't listed on our website, or you're unsure about the combination of qualifications you're studying, contact our Admissions Service for advice: **www.sheffield.ac.uk/study/askus**

Extended Project Qualification (EPQ)

We value the Extended Project Qualification and the skills it helps students to develop. An EPQ is a great way to show an interest in your chosen subject area, and you'll study in a similar way to degree learning.

Many courses issue alternative offers to applicants who are completing a relevant EPQ alongside three A Levels or equivalent. Where this is the case, it will be indicated in our online prospectus: **www.sheffield.ac.uk/prospectus**

UK qualification reform

For details of the University's position on the current programme of qualification reform in the UK, including GCSE and A Level reform, visit: **www.sheffield.ac.uk/undergraduate/apply/qualifications-policies**

Course entry requirements

All courses require you to achieve certain grades in your qualifications, and some require prior study and knowledge of specific subjects. Individual course entry requirements are listed in this prospectus and in our online prospectus: **www.sheffield.ac.uk/prospectus**

The entry requirements listed in this prospectus may change. You should check the online prospectus for up-to-date information before you submit your application.

International entry requirements

This prospectus lists the entry requirements for UK students. Equivalent requirements for a wide range of international qualifications are set out on our Applying web pages: **www.sheffield.ac.uk/undergraduate/apply/international-qualifications**

Qualifications information is also available on our international web pages. Click on your country to find out what grades you need: **www.sheffield.ac.uk/international**

English language qualifications

We accept a number of qualifications, including IELTS. For more information, visit: **www.sheffield.ac.uk/undergraduate/apply/english-language**

Need help with your English?

We also offer English language training courses to help you prepare for a degree at Sheffield. After you start your degree, you can get further training for free: **www.sheffield.ac.uk/eltc**

Criminal convictions

As part of the application process, you may be asked if you have a 'relevant' criminal conviction.

If you have a relevant conviction we may write to you to ask for more information, which we'll consider in the context of the University's duty of care both to yourself and to our other students and staff. The information you provide will be treated in strict confidence.

For more information about the process, including a list of relevant offences, visit: **www.sheffield.ac.uk/study/policies/convictions**

Disclosure and Barring Service (DBS) checks

If you apply for medicine, dentistry, nursing, orthoptics, speech science or social work, you'll need to undergo a full DBS check. Some courses in Animal and Plant Sciences, Computer Science, Education, Music, Psychology and Sociology may also require a full DBS check. In the UCAS application, you'll need to declare if you have any criminal convictions, including spent sentences, cautions (including verbal cautions) and bind-over orders.

All offers of places on these courses are subject to a satisfactory DBS Enhanced Disclosure. If you're made an offer, we'll write to you a few months before the start of your course with details of how to arrange this.

If you're living overseas and/or have never been a UK resident, any offer of a place will be subject to the equivalent of a DBS check, normally a satisfactory check from your local police station (for example a Certificate of Good Conduct). More information is available here: **www.sheffield.ac.uk/study/policies/dbs**

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A B C D E F G H
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CROOKES VALLEY ROAD
CROOKESMOOR ROAD
HARCOURT ROAD
CROOKES VALLEY PARK
WESTON PARK
MUSHROOM LANE
CONDUIT ROAD
REDCAR ROAD
MAXFIELD AVENUE
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WHITHAM ROAD
SEVERN ROAD
BEECH HILL ROAD
BROOMFIELD ROAD
GLARKENHOUSE ROAD
ECCLESALL ROAD
WESTON STREET
WINTER STREET
DART SQUARE
BOLSOVER STREET
BROOK HILL
WESTERN BANK
UPPER HANOVER STREET
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NETHERTHORPE ROAD (INNER RING ROAD)
CLARKSON STREET
DURHAM ROAD
WILKINSON LANE
WILKINSON STREET
BRUNSWICK STREET
GLOSSOP ROAD
BROOMSPRING LANE
DORSET STREET
GLOUCESTER STREET
HANCOCK STREET
FLEY STREET
GELL STREET
VICTORIA STREET
REGENT TERRACE
GAINSBOROUGH STREET
BROAD LANE
UPPER ALLEN STREET
SIDDALL STREET
SOLLY STREET
PITT STREET
WEST STREET
DEVONSHIRE STREET
ELDON STREET
FITZWILLIAM STREET
LEAVYGREAVE ROAD
HOUNSFIELD ROAD
PARKES ROAD
PALMERSTON ROAD
SHEARWOOD ROAD
CLAREMONT PLACE
CLAREMONT CRESCENT
TREE ROOT WALK
WELLESLEY ROAD
DAMER STREET
ENGLISH LANGUAGE TEACHING CENTRE (see Central Sheffield map overleaf)
St Vincent's Accommodation
University of Sheffield International College (USIC)
NCP Solly Street car park (see City Centre map overleaf)
NORTH CAMPUS
CITY CENTRE
RANMOOR AND ENDCLIFFE STUDENT ACCOMMODATION AND BROOMHILL
Management School
Sport Sheffield
Elmfield Building
Social Sciences Modular Teaching Village
Social Sciences Hub - opening 2021
Weston Park Museum
Bartolomé House
Geography and Urban Planning
Western Bank Library
Arts Tower
Alfred D Building
Alfred Denny Building
Firth Court
Dainton Building
Richard Roberts Building
Information Commons
Cycle Hub
Hicks Building
Octagon Centre
Q Park
Durham Road
Brunswick House
Children's Hospital
Weston Park Hospital
Dental School
Jessop Wing
Royal Hallamshire Hospital
Medical School
SITraN
Nursery
Allen Court
Ella Armitage Building
Jessop West
Henderson's
HRI
The Diamond
Jessop Building
ICOSS
New Spring House
Edgar Allen House
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The Royal Exchange
George Porter Building
EFM Help desk
North Campus Modular Village
Nanoscience and Technology Centre
Entrance
Pam Liversidge Building
Broad Lane Court
Broad Lane Building
New Caledonia Workshop
Sir Robert Hadfield Building
Sir Frederick Mappin Building
Mining Block
St George's Lecture Theatre and Flats
Engineering Heartspace
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Amy Johnson Building
Royce Discovery Centre - opening 2020
Portobello Centre
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Public car park
Food venue
Cafe
Cashpoint
Toilet
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Getting here

By train

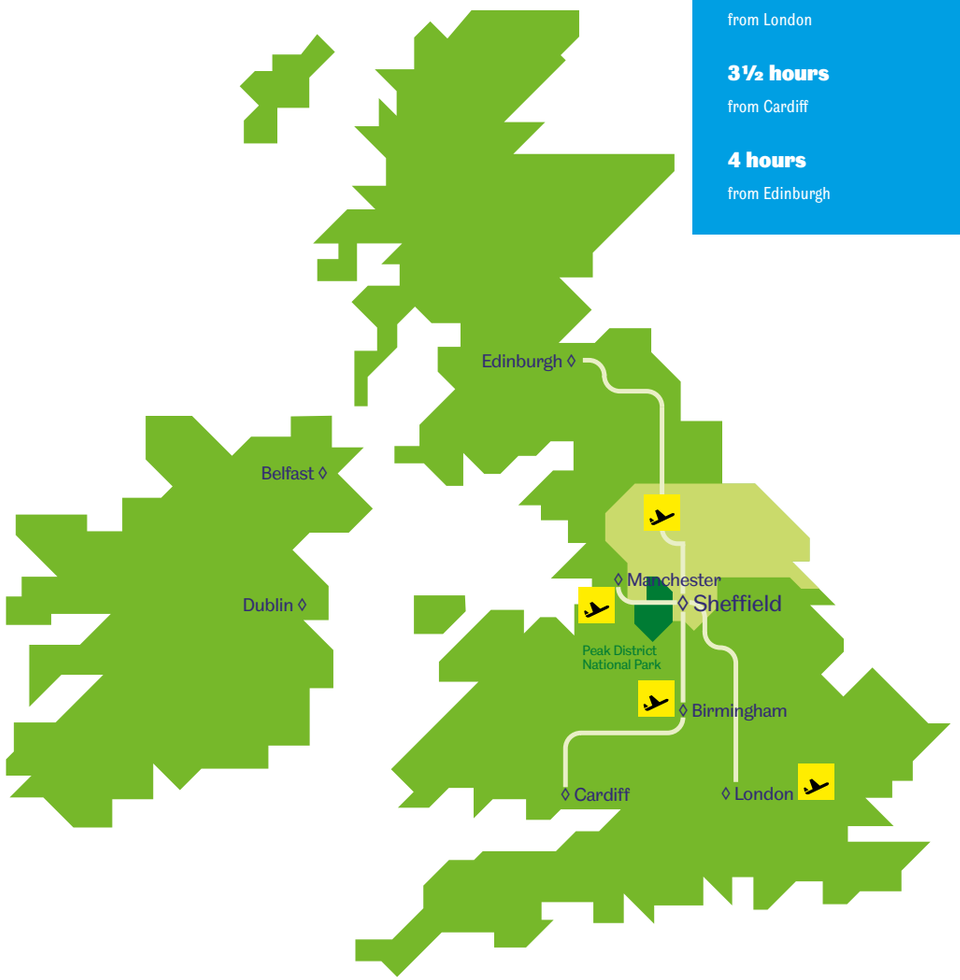
1 hour
from Manchester

1 hour
from Birmingham

2 hours
from London

3½ hours
from Cardiff

4 hours
from Edinburgh



Semester dates

Session 2021–22

Autumn semester
Intro week: 20–25 September 2021
27 September 2021–18 December 2021
17 January 2022–5 February 2022

Spring semester
7 February 2022–2 April 2022
25 April 2022–11 June 2022

University Open Days 2020

Saturday 27 June
Saturday 11 July
Saturday 12 September
Saturday 17 October

Book online at: www.sheffield.ac.uk/opendays

Enquiries and information

Student Recruitment and Admissions answer enquiries from prospective students and applicants, online, by telephone and in person. Enquirers can also browse our FAQs for prospective students or ask their own question. Further information can be found at: www.sheffield.ac.uk/study/askus

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For additional copies of this prospectus, visit: www.sheffield.ac.uk/undergraduate/orderprospectus

This publication is available in alternative formats. To request an alternative format telephone:
+44 (0)114 222 1303

The content of our courses is reviewed annually to make sure it's current and relevant. Individual modules may be updated or withdrawn in response to discoveries made through our world-leading research, funding changes, professional accreditation requirements, student or employer feedback, curriculum review, staff availability, and variations in student numbers.

While every effort has been made to ensure the accuracy of the information in this publication, for the reasons detailed above, changes may need to be made to modules, courses, entry requirements and fees between the date of this publication and the start of your course.

This publication is correct as at the time of print, but please see www.sheffield.ac.uk for the most up-to-date information about undergraduate study at the University. If there is any inconsistency between this publication and www.sheffield.ac.uk, the information on www.sheffield.ac.uk should be taken as correct.

The design and art direction of the Undergraduate Prospectus are by Human, an international design agency based here in Sheffield. The majority of the photography is by Sheffield photographers Shaun Bloodworth, Martin Bouchier, Andy Brown, Timm Cleasby, Helena Dolby, ES Kwon, Kate Griffin and Gemma Thorpe. The photograph on page 6–7 was taken by India Hobson. The photograph on pages 8–9 was taken by Sam McQueen. The photograph of Bryony Page on page 31 was taken by Simon Wright. The picture on page 194–195 was taken by Twelve Architects & Jack Hobhouse.

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