



The
University
Of
Sheffield.

Postgraduate
Prospectus
2020-21.



www.sheffield.ac.uk/masters

**Welcome
to
world class.**

A World Top 100 University

QS World Rankings 2018–19

No 1

**UK's best students'
union – ten years running.**

Times Higher Education Student Experience Survey 2009–2018

Russell Group Top 10

for research output.

Research Excellence Framework (REF) 2014



What world class means to us

Education is for everyone, for life

Nobody can tell you when your journey should start or when it should stop.

Wherever you are in your career and your life, if you're ready for a world-class masters we'd love to hear from you.

Our greatest strength is each other

Sheffield is an inclusive, supportive community where people of all ages, backgrounds and nationalities study together. Our postgrads come from all over the world and from just down the road. You can't have a world-class university without this kind of openness and diversity.

You have to think global

We use our knowledge to help the whole planet, so there's a global dimension to everything we do. Sustainability guides our teaching and our research. This clarity of purpose brings the world's best minds to Sheffield. It's why a masters from Sheffield is so highly respected.

We believe in you

You're part of the next generation of professionals who will change society for the better. Our job is to prepare you for that. We'll share what we know. We'll push you to amaze yourself. And we'll support you every step of the way – because that's what world class means to us.

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£4m

funding for taught postgraduate scholarships 2018–2019

We value your talent

We want to make sure the best people get a fair chance, which is why we invest so much in scholarships.

Scholarships

In 2018–19, we awarded hundreds of scholarships to exceptional home and international masters students. Some scholarships are tied to certain subjects, others are based on your personal circumstances.

Fee discounts

If you did your first degree here, you could get a discount on your masters tuition fees.

You may also be interested in

- 100+ scholarships
- International scholarships
- Government loans
- Tuition fees

on page 172.

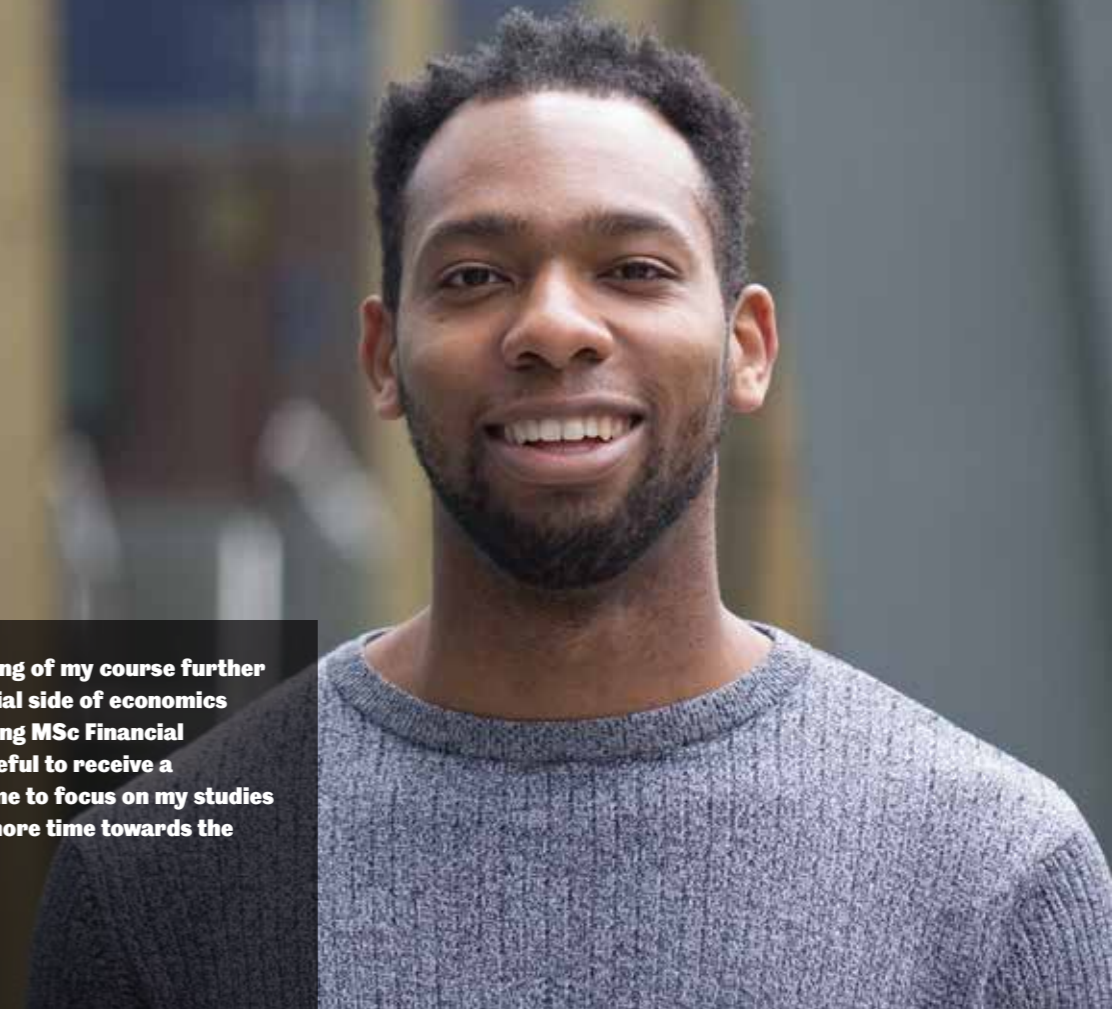
More online

Learn more about funding and try our online calculator:
www.sheffield.ac.uk/postgraduate/taught/funding



“I wanted to take my understanding of my course further and learn more about the financial side of economics which is my reasoning for studying MSc Financial Economics. I was extremely grateful to receive a scholarship, it not only allowed me to focus on my studies but also meant I could allocate more time towards the societies that I am part of.”

Adetunji Omojomolo
MSc Financial Economics
Sheffield Postgraduate Scholarship 2018



“The University of Sheffield offers a much more significant scholarship than all the other universities I have looked into. Receiving a Postgraduate Scholarship has allowed me to fully focus on my studies this year and not worry about my finances. It gave me the confidence I needed and helped me achieve my dream of securing a funded PhD opportunity starting this September.”

Andra-Marie Ionescu
MSc Biomedical Science
Sheffield Postgraduate Scholarship 2018

We take your ambitions seriously

"I work as a consultant with scientists in drug discovery in the pharmaceutical company AstraZeneca. AstraZeneca is focused on providing innovative, effective medicines that make a real difference to patients' lives. Discovery Statistics delivers scientific and business benefits, providing insight for decision making, reducing costs and saving time. The MSc is an essential requirement for my job."

Elizabeth Pilling
MSc Statistics
Associate Principal Statistician,
Discovery Statistics, AstraZeneca

Your career is important to us. We'll support you throughout your course – and for up to three years after you graduate.

It's all about you

We recognise that our students may be at different stages in their career planning, which is why we offer a wide range of development opportunities throughout your time with us. Our events and online resources cover everything from helping you decide what you want to do, to succeeding at interviews.

Meet potential employers

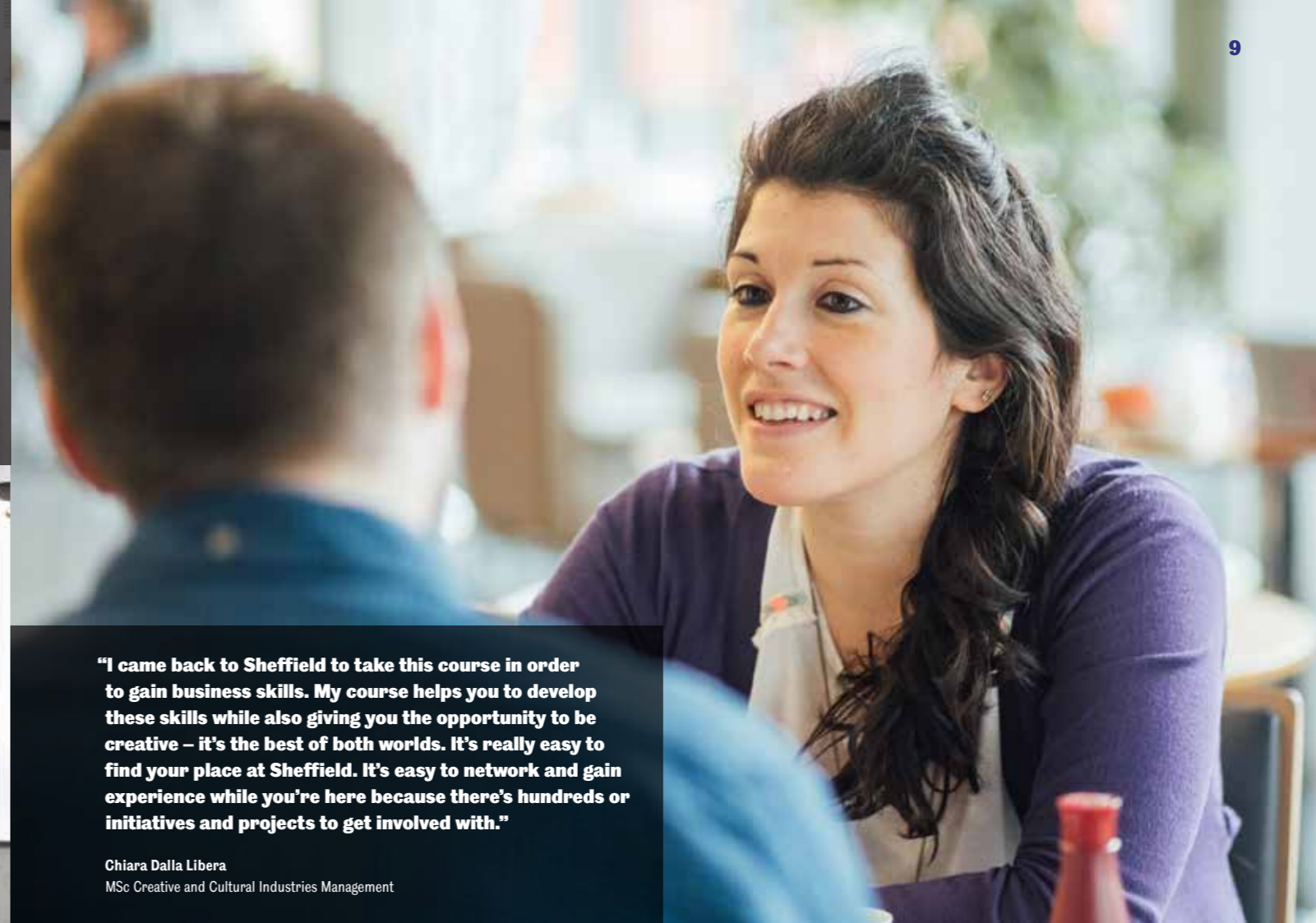
We work with local, national and international employers to help you build a network of contacts and secure graduate jobs and work experience.

Get relevant work experience

We work hard to find opportunities that will provide the experience you need to succeed. You'll have access to thousands of placements and graduate jobs every year.

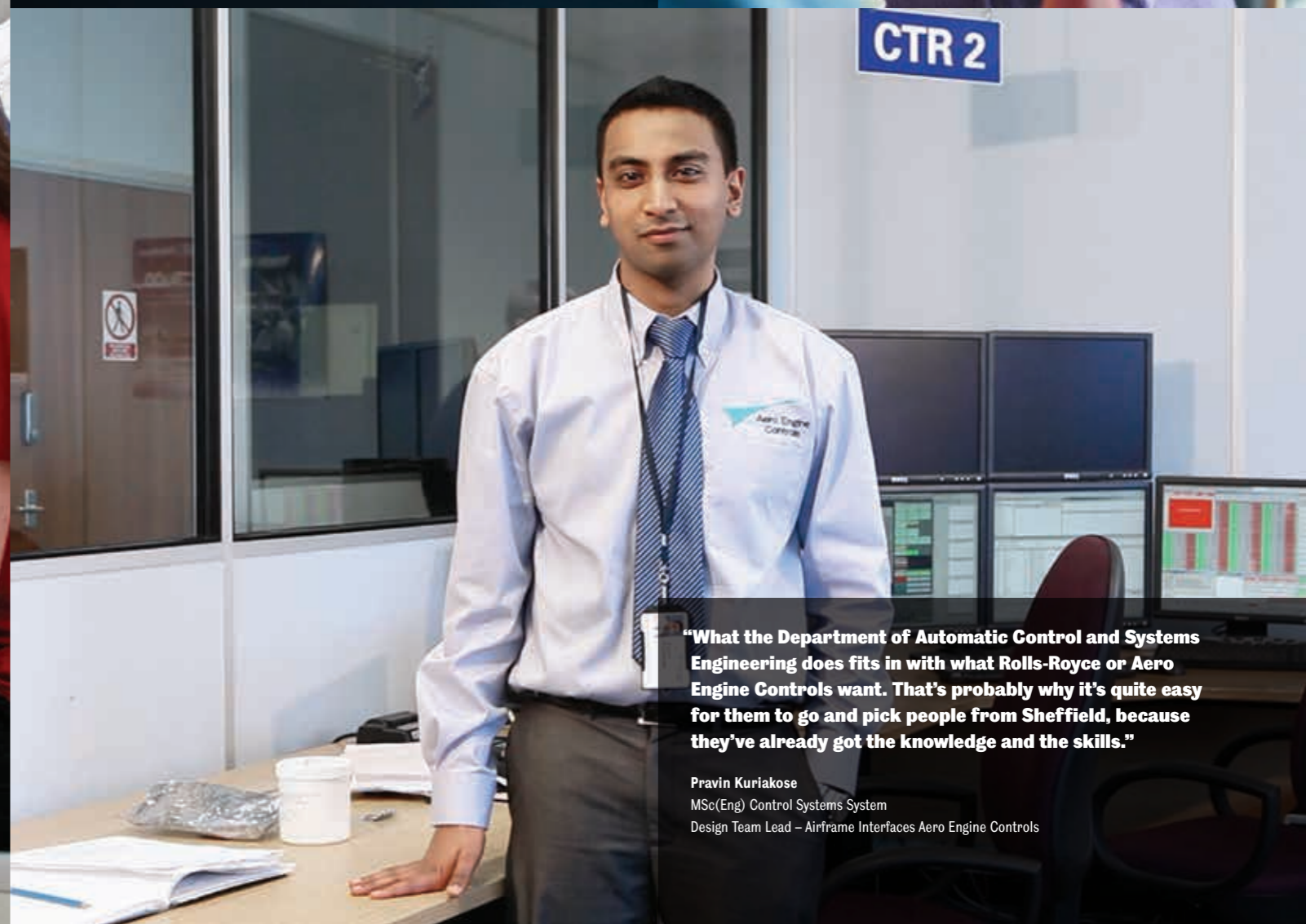
Support for international students

Whether you're looking for work in the UK, your home country or elsewhere, we can advise and support you.



"I came back to Sheffield to take this course in order to gain business skills. My course helps you to develop these skills while also giving you the opportunity to be creative – it's the best of both worlds. It's really easy to find your place at Sheffield. It's easy to network and gain experience while you're here because there's hundreds or initiatives and projects to get involved with."

Chiara Dalla Libera
MSc Creative and Cultural Industries Management



"What the Department of Automatic Control and Systems Engineering does fits in with what Rolls-Royce or Aero Engine Controls want. That's probably why it's quite easy for them to go and pick people from Sheffield, because they've already got the knowledge and the skills."

Pravin Kuriakose
MSc(Eng) Control Systems System
Design Team Lead – Airframe Interfaces Aero Engine Controls

We're here for you

We want you to be happy, healthy and secure so you can focus on your studies.



Health and wellbeing

We have our own health centre on campus, with GPs, nurses and a full range of National Health Service provision. It's open all year round. We also have dedicated mental health support.

www.sheffield.ac.uk/health

Childcare

The Students' Union runs a nursery for children aged six months to five years old. It's Ofsted registered (300762) and fees are subsidised according to family income.

www.sheffield.ac.uk/union

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.

www.sheffield.ac.uk/disability

Practical help

The Student Services Information Desk can help you with anything from accessing a copy of your exam timetable to requesting a council tax exemption form.

For a full list of services visit:
www.sheffield.ac.uk/ssid

Independent advice

The Student Advice Centre provides free, confidential, impartial advice, information and representation on money matters, housing, academic issues and immigration.

su.sheffield.ac.uk/student-advice-centre

Faith

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

www.sheffield.ac.uk/ssid/chaplaincy

Coming to Sheffield from overseas?

We offer additional services to help make the transition as smooth as possible and to support you throughout your studies. Find out more on pages 12–13.



If you're coming to Sheffield from overseas, you're guaranteed a warm welcome, expert advice and plenty of support.

Always here to help

Our team understand the challenges of studying in another country. They can answer your questions on everything from academic matters to immigration, finance and personal issues, both before you arrive in Sheffield and throughout your course.

To find out more about visits to your region, get in touch with one of our expert advisers or chat to other international students online, visit:

www.sheffield.ac.uk/international

Getting here and settling in

We run a meet and greet service that can bring you from Manchester Airport to the University by bus. If you want to meet lots of new people quickly, you can sign up for our orientation programme – a week of organised social events, including a city tour.

Our Global Campus programme runs events and activities for international students throughout the year. The programme includes social events as well as workshops where you can practise your English and workshops to help you understand British culture.

English language support

If you need to improve your English to meet our entry requirements, we can help. Our English Language Teaching Centre (ELTC) offers a range of courses designed to prepare you for a masters.

You can also get help with your English while you study. This includes one-to-one advice and workshops on critical reading and writing, presentation skills, and avoiding plagiarism. If your partner or spouse is coming with you to Sheffield, they can also take English lessons at the ELTC.

www.sheffield.ac.uk/eltc

Not ready yet?

If you don't meet the entry requirements for a masters, you can take a preparation course at Sheffield International College. Complete the course to the required standard and you can progress to a masters.

The college is close to the main campus. Classes are small and you'll get continuous feedback and support. English language studies are part of the programme, so you'll get used to reading, writing and thinking in English.

www.sheffield.ac.uk/international-college

The best students' union in the UK*

*Times Higher Education Student Experience Survey 2009–2018
Whatuni Student Choice Awards 2019

Ethical, sustainable and representing you.

Sheffield Students' Union is run by its members. It belongs to you, giving you a say on everything from a levy on disposable coffee cups to the bigger picture of University policy.

When students voted for a zero waste shop on campus, we worked with them to make it happen. When students petitioned the University to go fossil free, we began to withdraw our investment from fossil fuel companies.

The union is also here to support you with help and advice on every aspect of student life, including academic matters. Many of our key support services (page 10–11) are based here. There's even an Ofsted-registered nursery.

There are more than 400 societies and sports clubs, one of the biggest volunteering programmes in the UK and some of the best club nights in the city.

Sheffield Students' Union is a place for everyone. It's committed to sustainability, inclusivity and equal opportunities for all. It tops student surveys year after year because it gives you a voice.



How we teach



“Because of this masters qualification, I have been able to secure a postgraduate job as a research assistant on a major national clinical trial. I would not have been able to do this otherwise, as much of what I've learnt from this year is needed in my current job.”

Samantha Johnston
MSc Psychological Research Methods

Our teaching is delivered by experts in partnership with industry and the professions.

It's all about what's best for you

We aim to take a holistic approach to our teaching, based on your needs.

By focusing on your strengths, your ambitions, your concerns, we want to create a cohesive programme where modules and projects fit together and everything works towards your personal goals.

Learn from genuine experts

You will be taught and supervised by leading researchers, writers, critics, thinkers and technical innovators whose work is published internationally. Many of them are professional practitioners in their own right.

Benefit from our links with industry

We work closely with business, industry, the arts, government and non-governmental organisations to make sure you develop the skills you need. Our departments have strong links with external organisations that benefit from their research.

Prepare for professional life

Our approach to teaching reflects the real world. We'll show you how to manage your own work. There are opportunities to work in teams. And we'll help you develop the leadership qualities you need to take on big challenges.

You'll learn about new and emerging fields of study, technology and practices. Most importantly – and this is what really gives our graduates an edge – you'll gain a perspective on the real world implications, such as complex ethical debates surrounding developments in your specialist field.



99%

of research submitted is internationally recognised, excellent or world-leading.

Research Excellence Framework (REF) 2014

Why research matters

Our reputation for excellence attracts some of the best minds in the world. These exceptional people are drawn to Sheffield by the opportunity to work at the frontiers of knowledge on research that has real impact.

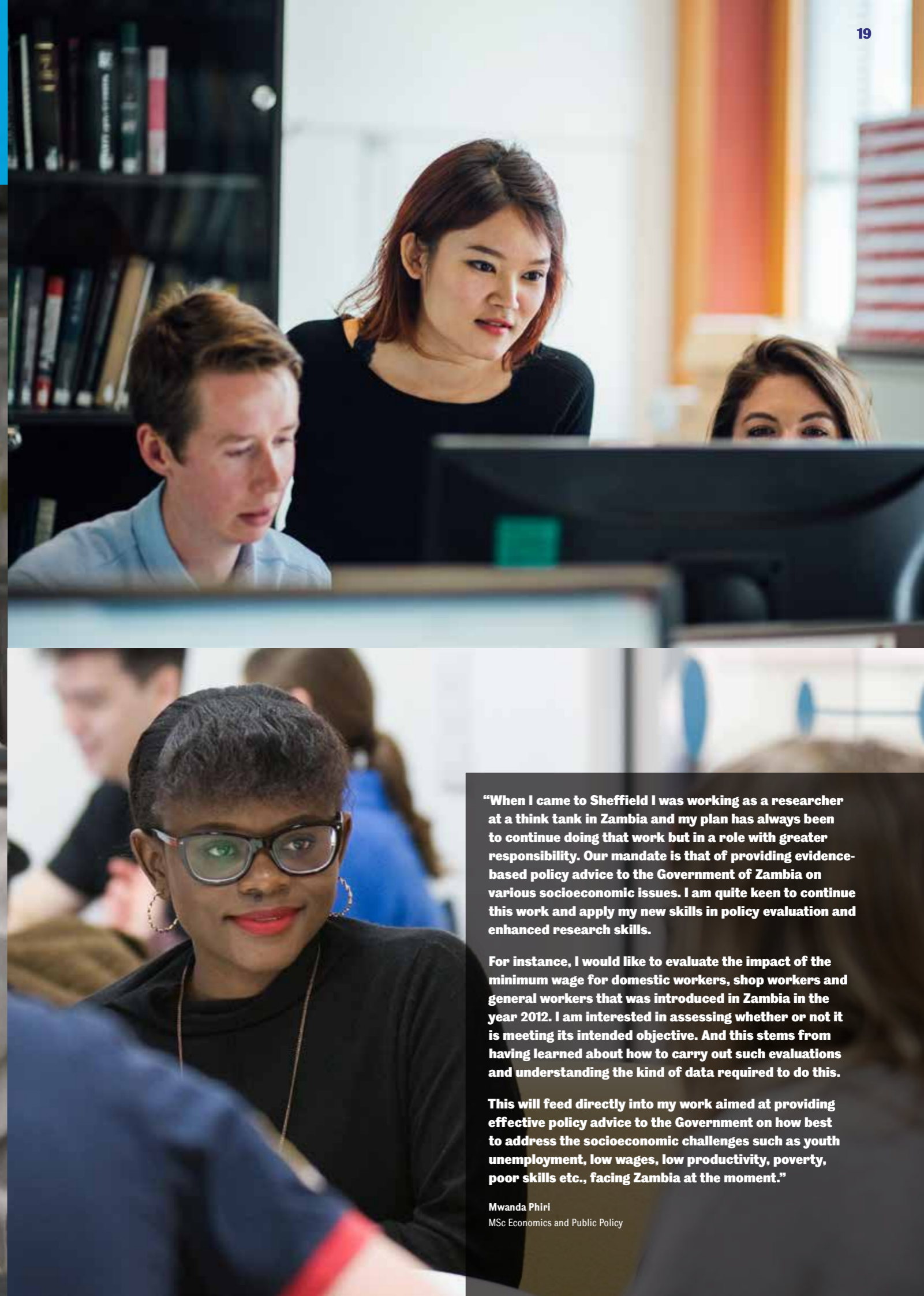
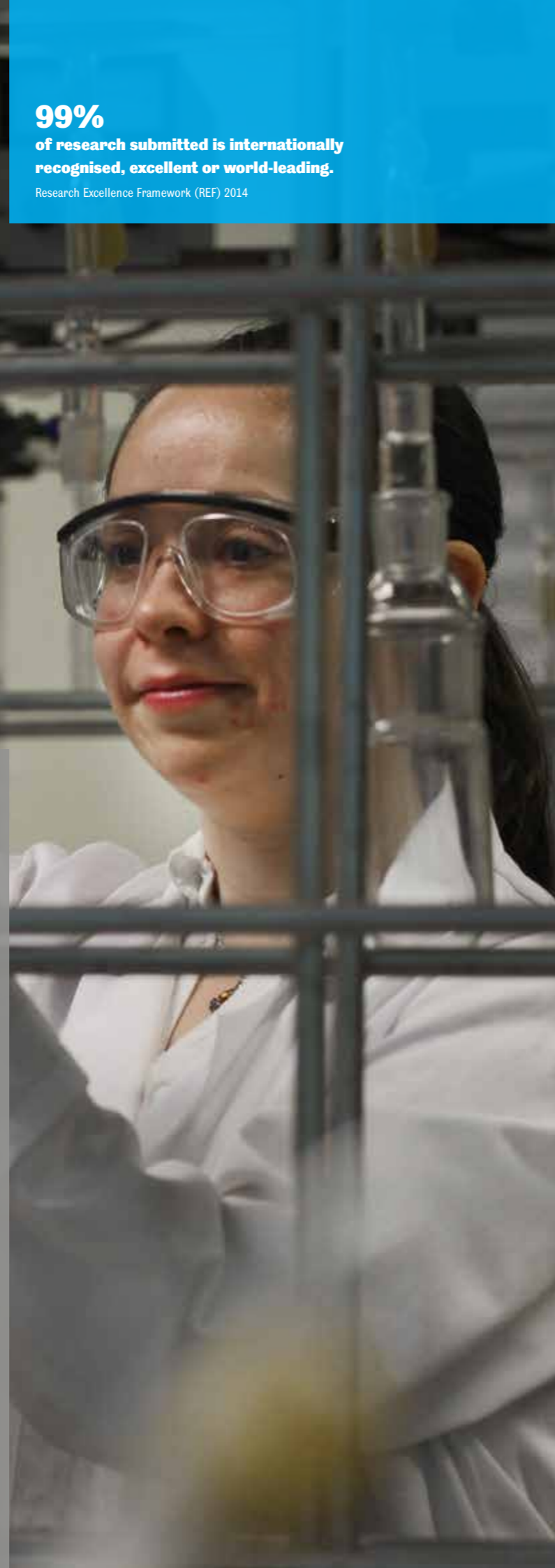
Our masters courses are informed by that research.

You'll be introduced to the latest ideas. You will also get a clear sense of how your subject or your chosen profession might evolve in the near future.

Most important of all, we want you to ask questions of your own, so we teach you how to inquire in a focused, objective, systematic way. All our masters students carry out research projects. A very high percentage of those projects involve collaborations with our partners in industry and the professions.

Our courses are structured like this because we want you to be an expert with a real feel for your subject, not just someone who has absorbed a lot of facts. We want you to understand the processes by which we advance knowledge and how knowledge is turned into real-world applications.

But research at Sheffield isn't just a means to an end. This questioning spirit, the need to understand, is also a state of mind, a way of seeing the world that will enrich your life for years to come.



"When I came to Sheffield I was working as a researcher at a think tank in Zambia and my plan has always been to continue doing that work but in a role with greater responsibility. Our mandate is that of providing evidence-based policy advice to the Government of Zambia on various socioeconomic issues. I am quite keen to continue this work and apply my new skills in policy evaluation and enhanced research skills.

For instance, I would like to evaluate the impact of the minimum wage for domestic workers, shop workers and general workers that was introduced in Zambia in the year 2012. I am interested in assessing whether or not it is meeting its intended objective. And this stems from having learned about how to carry out such evaluations and understanding the kind of data required to do this.

This will feed directly into my work aimed at providing effective policy advice to the Government on how best to address the socioeconomic challenges such as youth unemployment, low wages, low productivity, poverty, poor skills etc., facing Zambia at the moment."

Mwanda Phiri
MSc Economics and Public Policy

Research that changes lives

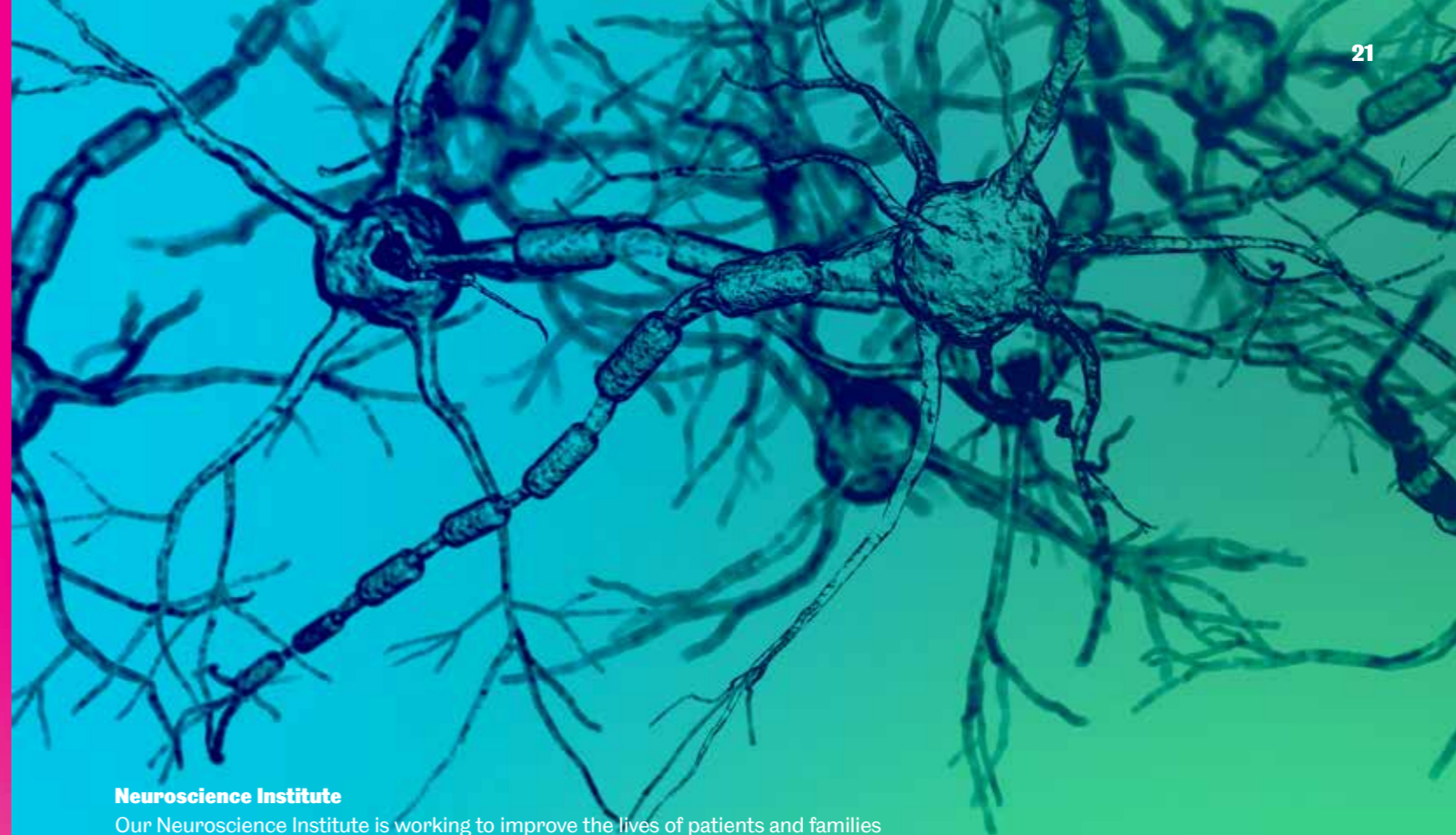
Our four flagship research institutes are taking an interdisciplinary approach to the biggest challenges facing the planet.

Healthy Lifespan Institute

As the population ages, multimorbidity – the presence of two or more chronic conditions – is becoming a global epidemic. Our institute, the first of its kind in the UK, combines medical expertise with evidence-based social policy to develop new strategies that help people to live healthier, independent lives for longer, reducing the cost of care.

Institute for Sustainable Food

The world's food supply is under threat. Food security and sustainability are urgent issues. Drawing on expertise from science, engineering, the arts and humanities and social sciences, our Institute for Sustainable Food aims to create dynamic solutions, transforming the way we produce and consume food. From plant and soil biology to food justice and equity for the global community, this research drives technological innovation to help feed our world.



Neuroscience Institute

Our Neuroscience Institute is working to improve the lives of patients and families affected by neurological conditions including motor neurone disease, Alzheimer's disease, Parkinson's disease, chronic pain and stroke. The institute supports neuroscientists to unravel the mysteries of the nervous system, advance our understanding of disease mechanisms and convert translational neuroscience into medical benefits.

Energy Institute

Our Energy Institute is home to one of the largest teams in Europe working to develop a clean and sustainable future. With expertise in energy storage, circular economy, nuclear, wind and conventional power, they're able to work across the energy spectrum. Through innovation and collaboration, they're finding reliable, low-carbon solutions to the world's biggest energy challenges.



Flexible study environment

“The University of Sheffield library has maintained its efficiency at a very high standard since I started studying here last September. While StarPlus allows me to find and request books at any time, the Information Commons is open all day and all night allowing me to borrow and return books whenever. I also love the convenience of the autorenew function of borrowed books.”

Laila Abubakari
MA International Political Communication

A study environment that adapts to your needs

We understand that as a postgraduate student your time is precious. Postgraduate study is a big commitment. You may also have a job, a family or both. You need to be flexible. Which means we have to be flexible too.

Digital skills training

Our web-based tutorials and workshops cover various aspects of finding, collating, and using information. They're designed to make you an effective researcher and a powerful communicator.

So, information and digital literacy training helps you get more out of your course and your career. As well as making you highly employable, it shows you how to be an active, responsible digital citizen.

Expert advice

We have a specialist librarian for every subject area, from aerospace engineering to town planning. So when you need advice and guidance you can talk to someone who understands your subject and your course.

Flexible services

Order a book online and when you're finished with it, you can drop it off at any of the five sites and we'll get it back to where it belongs.

You can access your library account and all our digital collections from wherever you are. Our flexible print service lets you print from any computer, tablet or mobile and pick up from any printer on campus.

Software and IT support

You can get fast, free, secure Wi-Fi all over campus and in University accommodation. You will be able to connect your own devices or we can lend you a laptop if you need it. If you have trouble with your personal computer, we're on hand to investigate the problem for free and help you out with any other IT queries.

You can download course materials, upload assignments and view feedback online. Our software download service gives you free access to a range of specialist software to help you produce your best work.

A city like no other

If you don't already know Sheffield, prepare to be surprised. The city has so much character, so much life, it's a little bit like meeting a person; an extraordinary person, brimming with creativity, confidence and wit.

There will probably be people on your course who have lived here for a while. They will be envious that you're getting to know Sheffield for the first time. And they'll want to tell you about all their favourite places.



On the edge of a national park



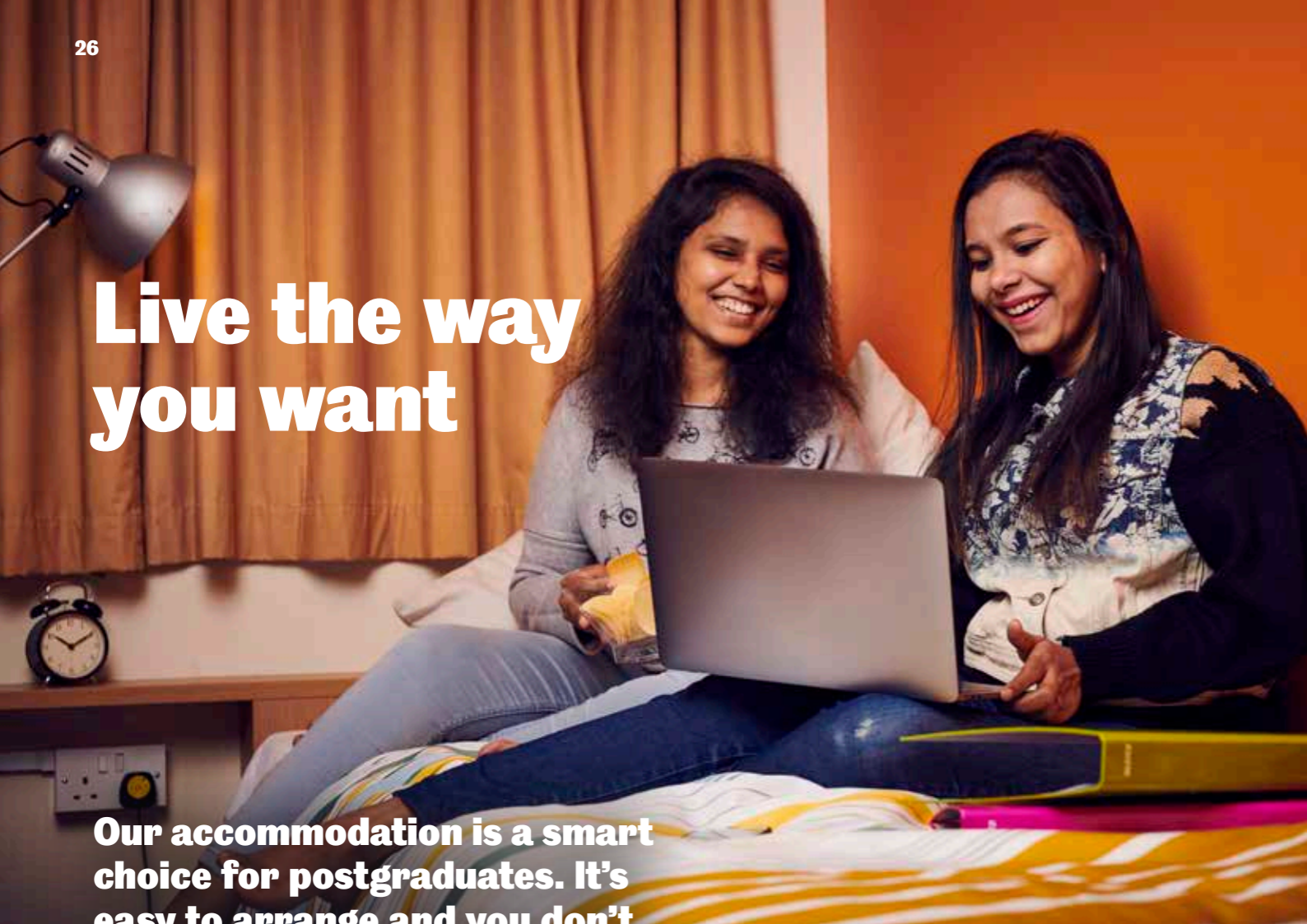
A third of the city is inside the boundary of the Peak District National Park – one of Britain's most cherished areas of outstanding natural beauty. Which means you can get there easily: by bus, train, bike or on foot.

The park's ancient landscape is strictly conserved for the benefit of everyone. For hikers, climbers, mountain bikers and paragliders, it's on a short list of places in the UK that you must experience at least once.



Live the way you want

Our accommodation is a smart choice for postgraduates. It's easy to arrange and you don't have the hassle of dealing with landlords or letting agents.



What's included in the rent

The rent includes energy bills, contents insurance, customer services and security. All our accommodation comes with free Wi-Fi.

Choice of locations

Our Ranmoor/Endcliffe accommodation is in one of the most sought after areas in Sheffield, or you can live in the city centre. Whichever you choose, you're only a short distance away from campus.

Different types of room

Most of our accommodation is ensuite but if you're on a budget you can rent a room with a shared bathroom. There are larger, deluxe rooms and studio apartments if you need more space.

Flexible contracts

Contracts are for 42 weeks or 51 weeks – you choose. All contracts begin at the same time. But a 51-week contract extends your stay until September which is useful if you have a dissertation to complete over summer.

Families and couples

We have a number of apartments and houses suitable for families and couples. They're all close to the campus, shops and good local schools. Each property is fully furnished and has gas central heating and either a washing machine or access to a launderette. Accommodation for families and couples is not guaranteed, so you should apply as soon as possible. If we can't offer you accommodation, we'll help you find somewhere suitable.

Students with special requirements

We also have rooms adapted for students with special requirements. Whatever your needs, let us know when you apply and we'll take it from there.

What next?

You can apply for accommodation once you've been offered a place on a course. Most students are guaranteed University-owned or partnership accommodation provided you meet certain conditions. To find out more about the guarantee and how to apply, see our website.

Take a virtual tour

www.sheffield.ac.uk/accommodation





We can't wait to meet you

Open days

A visit to Sheffield will give you the best opportunity to hear first-hand from our current students and staff about our world-class University. You'll find out what makes us special.

On the day you'll be able to talk to staff and students about your subject area and learn more about the courses available. We'll talk you through the application process and guide you through a range of funding opportunities. And you'll be able to take tours of our campus, accommodation, libraries, Students' Union and sports facilities.

Visit anytime

Can't make it to an open day? There are regular campus tours and postgraduate visit afternoons throughout the year.

To book a place, see our open days web pages: www.sheffield.ac.uk/pgopenday

Support for overseas students

We realise it's difficult for you 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/countries/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 web pages: www.sheffield.ac.uk/pgopenday

Our next open days are:
Wednesday 27 November 2019
Wednesday 26 February 2020

www.sheffield.ac.uk/pgopendays

**Our
programmes**





Aerospace Engineering

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

Sheffield is at the heart of the UK aerospace industry – there's never been a better time to study for an MSc here.

Course	Duration
MSc Aerospace Engineering	1 yr FT
MSc Advanced Aerospace Technologies	1 yr FT

“We're currently working on £40.4m of aerospace and defence-related research projects with companies such as Airbus, Rolls-Royce and BAE Systems.”

Dr Martin Jackson
Director of Aerospace Engineering

MSc Aerospace Engineering

This is a fully immersive conversion course for engineering graduates, drawing upon expertise from six departments in the faculties of engineering and science, as well as the University's management school. It has close ties with some of the world's leading aerospace companies.

Alongside traditional aeronautical subjects such as materials, structures, aerodynamics and propulsion necessary for the design of high-speed flight and lightweight aircraft, you will study concepts of systems integration and flight control. These are essential to the production of more efficient and environmentally-friendly aircraft and aerospace systems.

You'll have the opportunity to tailor your studies to suit your individual interests and career aspirations by specialising in either aeromechanics or avionics. Our innovative programme of study includes having the chance to design, build and fly an unmanned air vehicle as part of the group design project. You'll graduate as a highly knowledgeable aerospace engineering specialist.

Entry requirements

2.1 BEng degree in mechanical engineering, materials science and engineering, automatic control systems engineering or electrical and electronic engineering.

English language requirements

Overall IELTS grade of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Aerospace Group Design Project, Aerospace Individual Investigative Project, Aerodynamic Design, Aero Propulsion, Flight Dynamics and Control, Aircraft Design, Space Systems Engineering.

Examples of optional modules

Avionics stream

Advanced Industrial Control, Real-Time Embedded Systems, Motion Control and Servo Drives, Multi-Sensor and Decision Systems, Antennas, Radar and Navigation, Energy Storage Management, Electronic Communication Technologies, State Space Control Design, Hardware-in-the-Loop and Rapid Control Prototyping, Logic and Computation.

Aeromechanics stream

Aerospace Metals, Reciprocating Engines, Theory and Application of Turbulence, Advanced Aero Propulsion, Advanced Structural Vibrations, Advanced Fluid Mechanics, Advanced Manufacturing, Design and Manufacture of Composites, Processing of Metals, Finite Element Techniques, Computational Fluid Dynamics, Aircraft Aeroelasticity and Loads.

Teaching and assessment

Lectures, laboratory classes, tutorials and example classes, design classes, industrial and research seminars, group projects, exams, coursework assignments, oral and poster presentations, class tests.

MSc Advanced Aerospace Technologies

Take your knowledge of aerospace engineering to the next level on this specialist one-year course.

Alongside traditional aeronautical subjects such as materials, structures, aerodynamics and propulsion, you will study concepts of systems integration and flight control, essential to the production of more efficient and environmentally-friendly aircraft and aerospace systems. You will get to choose the direction your studies take by specialising further in aeromechanics or avionics.

You will have the unique opportunity to work alongside professionals through our 12-week industrial training programme, as well as designing and building an unmanned air vehicle as part of the group design project.

The course draws upon expertise from six departments in the faculties of engineering and science, as well as the University's management school. This breadth and depth of study will ensure you graduate as a highly knowledgeable aerospace engineering specialist.

Entry requirements

2.1 BEng in aerospace engineering. BEng mechanical engineers who have taken significant aerospace modules will also be considered.

English language requirements

Overall IELTS grade of 7.0 with a minimum of 6.5 in each component or equivalent.

Core modules

Aerospace Group Design Project, Aerospace Individual Investigative Project.

Examples of optional modules

Avionics stream

Industrial Training Programme: Avionics, Motion Control and Servo Drives, Advanced Space Systems and Space Weather, Real-Time Embedded Systems, Testing and Verification in Safety Critical Systems, Energy Storage Management, Hardware-in-the-Loop and Rapid Control Prototyping, Antennas, Radar and Navigation, Electronic Communication Technologies, Advanced Industrial Control, Multi-Sensor and Decision Systems, Robotics and Autonomous Systems, Electrical Energy Management and Conversion, Logic and Computation, Theory of Distributed Systems, State Space Control Design.

Aerodynamics and Propulsion stream

Industrial Training Programme: Propulsion, Reciprocating Engines, Advanced Aero Propulsion, Theory and Application of Turbulence, Acoustics, Advanced Fluid Mechanics, Advanced Structural Vibrations, Advanced Manufacturing, Design and Manufacture of Composites, Processing of Metals, Computational Fluid Dynamics, Aircraft Aeroelasticity and Loads.

Aerospace Materials, Structures and Manufacturing stream

Industrial Training Programme: Aerospace Materials, Reciprocating Engines, Advanced Aero Propulsion, Experimental Stress Analysis, Advanced Structural Vibrations, Advanced Manufacturing, Design and Manufacture of Composites, Processing of Metals, Finite Element Techniques, Aircraft Aeroelasticity and Loads.

Teaching and assessment

Lectures, laboratory classes, tutorials and example classes, design classes, Industrial and research seminars, group projects, exams, coursework assignments, oral and poster presentations, class tests.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

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





“There’s such a wide range of research interests within the department which ensures that every student has the chance to do a project related to their field of interest. The department did a great job at getting me up to speed with any processes and techniques I needed to know which has been a massive asset as I’ve carried out my research.”

Sam Fenton
MRes Evolution and Behaviour

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

Animal and Plant Sciences

If you have a passion for advancing your knowledge about the living world, then a masters degree is excellent preparation for a career in research or industry.

Course	Duration
MSc Practical Entomology	1 yr FT
MSc Sustainable Agricultural Technologies	1 yr FT
MRes Ecology and Environment	1 yr FT
MRes Evolution and Behaviour	1 yr FT
MRes Plant and Microbial Biology	1 yr FT
MSc Biodiversity and Conservation	1 yr FT
MSc Biological Sciences	1 yr FT

You may also be interested in

MSc Science Communication	Page 160
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UK top 5 for biological research

REF 2014

Top 20 for ecology

Academic Ranking of World Universities 2018, ShanghaiRanking

Where your masters can take you

Our masters courses are designed to train the leaders of tomorrow to solve global challenges like food security and environmental change. We'll equip you with the scientific knowledge and practical skills that employers look for to give you an excellent foundation for a career in academia, research, industry or government, or further study to PhD level.

MSc courses

Conduct your own research

No matter which course you choose, the biggest part of your training is the Independent Research Project. Here you'll spend three months applying the subject-specific knowledge and analytical skills that you've developed throughout your degree. You could be field-based, lab-based or complete a computational data driven project, researching your chosen area of the biological sciences that matches your future career aspirations.

Entry requirements

A 2:2 honours degree, or equivalent, in biological sciences or a related subject.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

MSc Biodiversity and Conservation

Learn how to carry out conservation first-hand from our researchers who are applying the same techniques in their own studies around the globe. You'll conduct your own fieldwork in the Peak District and receive training in experimental design and data collection, equipping you with the key skills to plan and manage your own conservation projects.

During your studies you'll develop an understanding of how environmental change can impact biodiversity and how effectively managing ecosystems can have a positive impact on both biodiversity and the ecosystem itself.

Core modules

Field Biology; Global Conservation Issues; Agricultural Ecology in a Changing World; Changing Global Ecosystems; Biodiversity in Space and Time; Scientific Skills and Project Management; Literature Review; Independent Research Project.

After your degree

Graduates will be well equipped to work on conservation or sustainability programmes within environmental or wildlife trusts, government or industry or solving pressing problems through research in higher education. This course is also great preparation for a PhD.

MSc Biological Sciences

This flexible course will teach you the key concepts and skills required for a successful career within biological science. Choose to develop a wide range of knowledge across the discipline or specialise in one of three areas: evolutionary biology, plant and crop science or biodiversity and conservation.

Whichever pathway you choose, you'll be learning about the latest research in the field from the experts who are making the discoveries first-hand.

You'll conduct your own fieldwork in the Peak District and receive training in experimental design and data collection, giving you the key skills to plan and manage your own projects.

Core modules

Field Biology; Scientific Skills and Project Management; Literature Review; Independent research Project.

Students on the **evolutionary biology pathway** will also study: Evolutionary Principles; Molecular Evolution and Genomics; Issues in Evolutionary Biology; Biodiversity in Space and Time.

Students on the **plant and crop science pathway** will also study: Crop Science, Biotechnology and Breeding; Agricultural Ecology in a Changing World; Issues in Global Food Security.

Students on the **biodiversity and conservation pathway** will also study: Global Conservation Issues; Agricultural Ecology in a Changing World; Changing Global Ecosystems; Biodiversity in Space and Time.

Students studying our broad **biological sciences pathway** will be able to choose 60

credits of optional modules from across the three pathways above.

After your degree

Graduates will be ready to work in biotechnology, agri-tech or sustainability programmes within NGOs or industry, or solving pressing problems through research in higher education. This course is also great preparation for a PhD.

MSc Practical Entomology

Develop practical skills in the collection, preservation, setting, archiving, monitoring, imaging and dissecting of insects, led by our research entomologists who are among the best in the world.

To cement your learning, you'll have the opportunity to spend one week on a field course undertaking experiments on insect-pollinator systems as part of your course. Here you'll design, plan and execute a field study on insect behaviour, analyse the data and communicate the results.

Whether you're keen to explore and expand your passion for entomology, or you'd like to improve your existing knowledge and acquire new skills in entomological practice, this course is designed to suit all skill levels.

Core modules

Taxonomy and Archiving; Husbandry; Anatomy and Imaging; Field Course; Scientific Skills and Project Management; Individual Research Project.

After your degree

With hands-on experience of the specialist entomological techniques, you'll be ready to pursue careers in insect-related research, policy and science communication, collecting and archiving insects, or working within

seeds, food, crop, agri-tech and pest control roles for commercial and government organisations. This course is also great preparation for a PhD.

MSc Sustainable Agricultural Technologies

Learn about the major issues in sustainable agriculture, and receive practical skills training in how to apply cutting-edge techniques used in crop and soil science. You'll cover topics including the value of biodiversity in agricultural ecosystems, the role of ecosystem services in the sustainability of food production, and the vulnerabilities of agriculture to a changing climate.

Guest environmental and sustainability speakers will contribute to your learning through regular seminars, and you'll get the opportunity to put your knowledge into practice through external placements with our industrial, government and NGO partners.

Core modules

Crop Science, Biotechnology and Breeding; Agricultural Ecology in a Changing World; Soil Science; Issues in Global Food Security; Advanced Analytical Techniques in Agricultural Research; Scientific Skills and Project Management; Individual Research Project.

After your degree

Graduates will be well equipped to pursue careers working in the agronomy and agricultural consultancy sectors, in agricultural extension, farming, or contributing to agricultural and environmental policy for sustainable food production systems. This course is also great preparation for a PhD.





MRes courses

Our research-focused MRes courses allow you to spend 12 months embedded in one of our research groups, working alongside students and staff who are at the forefront of their research field.

Throughout your course, you'll develop your research skills, giving you the opportunity to contribute new knowledge in your chosen area.

Whether you complete your research in the field, the lab or in industry, in the UK or abroad, your masters includes funding for your project. Previous students have conducted fieldwork in locations including Brazil, South Africa and Sweden as well as closer to home in the wonderful Peak District National Park on our doorstep.

Entry requirements

A 2:1 BSc honours degree, or equivalent, in biology or a closely related quantitative subject. In addition, you should be able to demonstrate evidence of aptitude and enthusiasm for research eg an undergraduate research project.

MRes Ecology and Environment

Biodiversity is threatened by climate change and other consequences of the growing human population. To solve this and other global challenges we need researchers with an in-depth understanding of how we maintain ecosystems in the face of environmental change.

Our world-class research in this area spans topics including global change ecology, biodiversity science, tropical forest conservation, palaeoecology and palynology, urban ecology, environmental pollution, and agricultural ecology, giving you the opportunity to contribute new knowledge in an area of ecology and environment that interests you most.

MRes Evolution and Behaviour

The connection between how organisms have evolved and how they behave is a fundamental principle of biology. It can show us why organisms are the way they are, and answer deep questions about the diversity of life on earth.

Our world-class research in this area spans topics including animal behaviour, molecular ecology, sexual selection and sexual conflict, speciation, the evolutionary genomics of adaptation, evolutionary developmental, ecological immunity, and bioinformatics and life history evolution, giving you the opportunity to contribute new knowledge in an area of evolution and behaviour that interests you most.

MRes Plant and Microbial Biology

Plants and microbes are fundamental to food security, as well as being central to global ecosystems. So at Sheffield we study them from every angle: from the molecular level up to whole organisms, in the context of ecosystems, industry and major global challenges.

Sheffield is home to the Institute for Sustainable Food, where our world-class research expertise spans topics including plant development, plant biotechnology, soil health, genomics, food security, sustainable agriculture, photosynthesis, plant-microbe interactions, plant immunology, and climate change biology, allowing you to examine the effects of past, present and future climates on plants and the wider environment.

It is possible for students with a particular interest in agricultural or horticultural research to complete their MRes project at Enza Zaden in the Netherlands or Rothamsted Research in the UK.

Core modules

Research Project, Literature Review, Scientific Skills and Project Management, Science Communication for Researchers.

After your degree

Our MRes degrees will train you in the advanced skills in experimental design, data analysis and presentation to become a research leader yourself, ready for an exciting career in industry or the environmental sector, or further study to PhD level.

Apply

www.sheffield.ac.uk/aps/prospectivepg/masters

If you'd like to know more about any aspect of our courses, contact us:

+44 (0)114 222 0123
aps.pgadmissions@sheffield.ac.uk



"I find my MSc exciting mostly because it lies between the scientific and humanistic fields of research, therefore it invites the students to learn how to think outside the box and link all the information together to solve a greater puzzle."

Nicoletta Moca
MSc Human Osteology and Funerary Archaeology

Archaeology

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

Through imaginative teaching and world-leading research, we inspire our students to explore.

Course	Duration
MA Archaeology	1 yr FT / 2 yrs PT
MSc Archaeological Studies	1 yr FT / 2 yrs PT
MA Heritage and Archaeology	1 yr FT / 2 yrs PT
MA Cultural Heritage Management	1 yr FT
MSc Human Osteology and Funerary Archaeology	1 yr FT / 2 yrs PT
MSc Osteoarchaeology	1 yr FT / 2 yrs PT
MSc Palaeoanthropology	1 yr FT / 2 yrs PT

You may also be interested in
MA Cognitive Studies Page 152

World Top 50 for Archaeology
QS World University Rankings 2019

Your future

Our graduates work in archaeology all over the world, often in highly sought-after posts. Many of them progress to doctoral research – our courses are excellent preparation for a PhD. But you're not restricted to a career in archaeology. The transferable skills you'll develop are valued in lots of sectors, including business, journalism and teaching. Helping you prepare for your career is part of our job. Whatever your ambitions are, we're here to support you.

How we teach

You can expect a balanced timetable of lectures, seminars and practicals. You'll have access to specialist labs and world-class reference collections. Many of our masters courses include a fieldwork or project-based component.

We integrate humanities and science-based approaches to nurture a deeper understanding. You'll have the opportunity to explore different viewpoints and make up your own mind about their strengths and weaknesses.

We'll help you to develop your critical thinking as well as your practical skills. What we ask of you, as a member of our lively academic community, is that you challenge, question, and explore.

Fieldwork

All our masters students have the option to get involved in research projects – in the UK, Europe and elsewhere – even if fieldwork isn't part of your course.

World-leading expertise

You'll be taught by some of the world's leading scholars. Their research projects constantly generate new knowledge that feeds directly into their teaching.

Part-time study

With the exception of the MA Cultural Heritage Management, all our masters courses are available as either full-time (1 year) or part-time (2 years). If you think part-time study is for you, contact us for more information.

Funding

If you accept a place on a course, you may be eligible to apply for White Rose College of the Arts and Humanities (WRoCAH) and University of Sheffield studentships. We also offer a number of department and course-specific scholarships. See our website for details.



Entry requirements

Usually a minimum 2:1 honours degree in an arts, humanities or science subject. But your interest in and understanding of archaeology is more important than what you studied at undergraduate level. International students: see our website for equivalent grades for your country:

www.sheffield.ac.uk/international

English language requirements

For MA Cultural Heritage Management: IELTS 6.5 overall with a minimum of 6.0 in each component (or equivalent). For all other courses: IELTS 6.5 overall with a minimum of 5.5 in each component (or equivalent).

Free module choice

With the exception of MA Cultural Heritage Management, all our courses allow you to take one 15-credit module from any other Faculty of Arts and Humanities department, or from the Modern Languages Teaching Centre.

MA Archaeology MSc Archaeological Science MA Heritage and Archaeology

These new course pathways will be available to students joining us in 2020 and will give you the opportunity to study bioarchaeology, managing historic environments, the classical mediterranean and landscape archaeology. Please see our website for details in October 2019.

MA Cultural Heritage Management

Our strong links with the heritage industry mean you can apply what you learn in real-world situations – during the course. Students work with organisations such as Historic England, the National Trust and regional museums – experience that can be a deciding factor when you compete for jobs in the sector.

You can come to the course from either an archaeology or a business/management background. Taught in partnership with colleagues from the Sheffield University Management School, it provides training in heritage interpretation and conservation, as well as marketing and site management.

Core modules

Heritage, History and Identity; Heritage, Place and Community; Research Design: Planning, Execution and Presentation; Introduction to the Creative and Cultural Industries; Managing Museums and Cultural Heritage Sites; Dissertation.

Indicative optional modules

Cultural Marketing; Cultural and Creative Entrepreneurship; Landscapes in Archaeology: methods and perspectives; Accounting and Financial Management; Fundraising Management: sponsorship, philanthropy and the state; Critical Theories and Concepts in the Cultural and Creative Industries; Managing Creative Brands; Digital Cultural Heritage: Theory and Practice; Heritage, Museum and Field: Archaeology in Practice.

MSc Human Osteology and Funerary Archaeology

Working in labs, you'll get advanced training in the analysis of human remains. Through dissection, you'll gain a detailed understanding of skeletal and soft tissue anatomy. Lectures in funerary archaeology put the subject in context.

As a member of a vibrant research community, you will also develop core skills in research project development and statistical data analysis. You'll put these skills to work over the summer on an original, independent research project. Graduates from this course have pursued careers in academia, commercial archaeology, heritage management and museums. Many go on to PhDs.



Core modules

Funerary Archaeology; Quantitative Methods in Anthropology and Archaeology; Research Design: planning, execution and presentation; Biological Anthropology I; Biological Anthropology II; Human Anatomy; Human Osteology; Dissertation.

Indicative optional modules

You can select one 15-credit module from a range across the Faculty of Arts and Humanities.

MSc Osteoarchaeology

Using a combination of established and cutting-edge methods, this course focuses on the study of bones from archaeological sites. You'll get training in the analysis of both animal and human bones, but you may decide to specialise in one or the other.

The course is taught through lectures, seminars and lab-based practicals. We use case studies from all over the world and we explore all phases of human history. You'll have access to labs and some of the best collections of human and animal remains in the world.

Core modules

Advanced Zooarchaeology; The History of the Human Animal Relationship; Osteoarchaeological Assemblage Analysis; Archaeozoology; Biological Anthropology I; Human Osteology; Dissertation, Journal Style Dissertation or Work Placement.

Indicative optional modules

Quantitative Methods in Anthropology; Applied Archaeological Science; Biological Anthropology II. You can select one 15-credit module from a range across the Faculty of Arts and Humanities.

MSc Palaeoanthropology

Palaeoanthropology traces the evolution of humanity. It reflects our desire to understand where we come from, which is part of what it means to be human. This is a subject that attracts intense interest from the public and from academics of all disciplines. It's increasingly recognised as providing important insights into human behaviour and cognition.

Our MSc draws on the latest thinking, combining biological anthropology, human and comparative anatomy, primatology and hominid palaeontology to give you an advanced understanding of the subject and its possibilities.

Closely integrated modules develop your understanding of the palaeoanthropological record. You will also get training in the analytical techniques required to describe and interpret skeletal and fossil evidence – this includes an introduction to 2D and 3D imaging.

Core modules

Human Evolution: Theory and Practice in Research; Quantitative Methods in

Anthropology and Archaeology; Research Design: Planning, Execution and Presentation or Archaeozoology; Human Anatomy; Human Osteology; Evolutionary Anatomy.

Indicative optional modules

Select modules to the value of 30 credits from across the Faculties of Arts and Humanities, Social Sciences or Science.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

+44 (0)114 222 2900

archaeology-masters@sheffield.ac.uk

“Our course teaches us about the community we live in, how to approach our ideas and designs, and how to use new technology to create a better vision. Using these skills I can make a better future for our community, who are our real clients. After my MA I plan to apply for a PhD at Sheffield.”

Yusuf Abushamaa
MA Architectural Design

Architecture

www.sheffield.ac.uk/architecture
architecture-admissions@sheffield.ac.uk
 +44 (0)114 222 0349

We are one of the UK's top architecture schools. You'll enjoy the freedom to express yourself and develop the skills you need for your career.

Taught professional courses	Duration
MArch Architecture	2 yrs FT
MArch Architecture: Collaborative Practice	2 yrs FT
MArch Architecture and Landscape Architecture	2 yrs FT

Post-qualification masters	Duration
MSc Sustainable Architecture Studies	1 yr FT / 2 yrs PT
MSc Digital Architecture and Design	1 yr FT / 2 yrs PT
MA Urban Design	1 yr FT / 2 yrs PT
MA Architectural Design	1 yr FT

You may also be interested in	Page
MA Urban Design and Planning	Page 167

World top 25
QS World Rankings 2019

4th in the UK for research excellence

Research Excellence Framework (REF) 2014

Advance your career

Our graduates are architects, project managers, urban designers and client advisers.

Employers include the Olympic Park Legacy Company, Hawkins Brown, Renzo Piano Building Workshop and URBED (Urbanism, Environment and Design) Ltd. With a post-qualification degree, you could move on to a senior position or further academic research and teaching.

Learn from experts

You'll be joining one of the largest and most diverse groups of full-time architecture academics in the country. Our staff come from the arts, physical and social sciences, and engineering. This connects our research to other disciplines and stimulates debate about the future of architecture.

Our international research projects shape policy and address public and professional needs. We integrate those projects with our teaching on courses that will develop your core skills. You'll be encouraged to provide social and environmental solutions to the challenges of our time. The 2014 Research Excellence Framework (REF) ranks us fourth in the UK.

Explore your ideas

You'll have access to a lot of specialist facilities. Our media unit has a range of audio-visual and environmental equipment including artificial sky for daylight simulation, a thermal imaging camera and a mixed reality imaging suite. We have our own photography studio, reprographics unit and 3D printers. There are design studios, research rooms and a computer lab.

Our student-led design projects help you learn by doing. You'll discover the benefits of socially engaged design and collaborative working where the outcomes make a difference to communities.

Global learning opportunities

Global Learning Opportunities in the Social Sciences (GLOSS) gives students from the faculty the chance to engage with international policy makers and work in the field of international development.

www.sheffield.ac.uk/gloss/about

Taught professional courses

Continue your architectural studies on one of our two-year MArch courses, which are built around a diverse range of design studios and our acclaimed Live Projects programme.

Entry requirements

For the Architecture and Collaborative Practice courses you'll need BA Architecture, 2:1 or equivalent, from a RIBA/ARB-approved institution, along with 9 months in practice. You should have RIBA Part 1 or equivalent.

For the Architecture and Landscape Architecture course you'll need a BA Architecture and Landscape Architecture combined degree, or BA Architecture and a separate BA Landscape Architecture, 2:1 or equivalent, from a RIBA/ARB/LI-approved institution, along with 9 months in practice. You should have RIBA Part 1 or equivalent. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Teaching and assessment

Our design teaching is studio based with several research-led options. Programmes run by specialist staff link together lectures, studio work and research. The courses have similar structures. Each module is assessed individually by coursework. Course handbooks are available on our website with further information on modules and assessment procedures.

MArch Architecture

The degree is currently validated by the RIBA at Part 2 and prescribed by ARB. Your study will be mainly studio-based, with design projects each year. To gain your RIBA Part 2 qualification you'll produce at least one comprehensive design project and a dissertation.

Through our innovative Live Projects you can work with local, regional and international groups on real-life challenges. You could be building, designing urban masterplans or designing in detail.

Core modules

Design 1, 2, 3 and 4; Live Project 1 and 2, Architectural Research Methods; Environment and Technology 1 and 2; Management and Practice 1 and 2; Design Manifesto; Dissertation 1 and 2.

Examples of optional modules

Participation in Architecture and Urban Design; Spatial Practice and Development; Parametric Architectural Geometry; Materials for Low Impact Building.

MArch Architecture: Collaborative Practice

This course blends practical experience with academic research and learning. It's a two-year, full-time masters with two semesters of practice-based education in the first year and two semesters of University-based education in the second year.

This is a unique opportunity to develop your experience working with some of the country's top architectural practices.

To apply for this course you should be currently working at a partner practice (see website). However, if you are interested in the course and not working in one of the partner practices, we encourage you to contact us.

Core modules

Live Project 1 and 2; Architectural Research Methods; Management and Practice 1 and 2; Reflective Design Practice; Environment and Technology in Practice 1; Dissertation Proposal; Reflections on Architectural Practice; Design 3 and 4; Design Manifesto; Environment and Technology 2; Dissertation.

MArch Architecture and Landscape Architecture

This course is a unique opportunity to qualify as both an architect and a landscape architect. It's open to students with previous combined or separate degrees in both architecture and landscape architecture. The degree is RIBA Part 2 and LI Part 3 accredited and is prescribed by the ARB.

Your study focuses on a range of themed, design-based studios dedicated to specific areas of practice or research. There are compulsory modules in landscape architecture, humanities, management, building and plant sciences, and an integrated architecture and landscape architecture project.

To qualify you'll produce at least one comprehensive design project. You'll also have the opportunity to work with local or regional groups on a real-life challenge through our Live Projects initiative.

Core modules

Design 1, 2 and 3; Architectural Research Methods; Environment and Technology 1 and 2; Management and Practice 1 and 2; Landscape Professional Practice; Design Research Study; Urban Landscape Planning; Live Project 2; Design Manifesto; Special Project.

Post-qualification masters

MSc Sustainable Architecture Studies

Develop a portfolio of advanced skills and knowledge across several architectural disciplines, with a focus on sustainable architectural design.

Entry requirements

You'll need a 2:1 honours degree or equivalent qualification related to architecture, building science, engineering, construction, planning, building management or related built environment disciplines. You will also need to submit your design portfolio.

For equivalent grades for your country, visit www.sheffield.ac.uk/international

If your degree isn't design-based but you have a lot of professional experience we'll consider your application.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Building Environmental Simulation and Analysis; Renewable Energy; Sustainable Design Project 1; Sustainable Design Project 2; Principles of Building Physics for Sustainable Design; Sustainable Design Thesis Project.

Examples of optional modules

Advanced Simulation for Modelling Adaptive Architecture; Building Information Modelling, Management and Analysis; Materials for Low Impact Building; Environment and Technology in Design.

Teaching and assessment

Your work in the design studio is supported through lectures, seminars, tutorials and practical computer work. Assessment is by course-based assignments and a dissertation.

MSc Digital Architecture and Design

Digital technologies are rapidly changing the way buildings and urban spaces are designed, constructed and inhabited. On this course you'll learn the theoretical knowledge and technical skills required to produce innovative blueprints for architecture in the digital era.

Entry requirements

You'll need a 2:1 honours degree or an equivalent qualification. We welcome applicants with design experience in areas such as architecture, urban design, landscape architecture, interaction design, architectural/environmental engineering, structural/material engineering, robotics.

For equivalent grades for your country, visit www.sheffield.ac.uk/international

We'd also like to see your portfolio to get an idea of your design abilities.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Parametric Architectural Geometry; Advanced Simulation for Modelling Adaptive Architecture; Critical Applications of Building Information Modelling; Digital Architecture and Design Studio Project; Elements of Computational Design 1 and 2; Thesis Project.

Examples of optional modules

Building Environmental Simulation and Analysis; Reflections of Architectural Education; Building Information Modelling, Management and Analysis.

Teaching and assessment

Learning is through studio-based design work with individual and group tutorials, block seminars, workshops and traditional lecture modules. You'll be assessed on course assignments, design thesis and a dissertation.

MA Urban Design

Urban design professionals are in demand. We can help you develop design skills that will relate to a broader social, environmental and economic context, linking individual architectural projects and overall planning strategies.

Entry requirements

You'll need a 2:1 honours degree or an equivalent qualification related to design in the built environment, such as architecture, landscape architecture and urban planning. We'd also like to see your portfolio.

For equivalent grades for your country, visit www.sheffield.ac.uk/international

Your degree doesn't have to be design-based. If you have a lot of professional design experience we'll consider your application.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Urban Design Project; Urban Design Thesis Project; Participation in Architecture and Urban Design; History and Theory of Urban Design; Trajectories on Urban Design Practice; Urban Design Tools and Methods.

Examples of optional modules

Spatial Practice and Development, Conservation and Regeneration, Critical Spatial Theory, Politics of Architecture and Urban Design, Reflections of Architectural Education.

Teaching and assessment

Studio-based design work with individual and group tutorials, block seminars, workshops and traditional lecture modules. You'll be assessed on course assignments, design thesis and a dissertation.

MA Architectural Design

This studio-based course will help you develop your own distinctive design practice. You'll explore design processes and methodologies. There are opportunities to work on real-life projects with local and regional groups. You can take the course as a stand-alone MA or as preparation for a PhD via our PhD by Design programme.

Entry requirements

You'll need a 2:1 honours degree or an equivalent qualification related to design in the built environment, such as architecture, landscape architecture or urban planning. Your degree doesn't have to be design-based. If you have a lot of professional design experience we'll consider your application. We'd like to see your portfolio to get an idea of your design abilities.

For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Code modules

Live Project; Design Project 1 and 2; Reflections on Architectural Design; Thesis Project; Environment and Technology in Design; Theory and Research in Design.

Examples of optional modules

Reflections on Architectural Education; Conservation and Regeneration Principles and Approaches; Participation in Urban Design and Architecture; History and Theory of Urban Design; Parametric Architectural Geometry; Politics of Architecture and Urban Design; Theory and Design; Future Climates; Elements of Computational Design.

Teaching and assessment

Learning is through studio-based design work with individual and group tutorials, block seminars and workshops, traditional lecture modules, live projects involving real clients and real community projects. You'll be assessed on course assignments, design thesis and a dissertation.

Apply

www.sheffield.ac.uk/ma

If you'd like to know more about any aspect of our courses, contact us:

+44 (0)114 222 0349
 architecture-admissions@sheffield.ac.uk



"The structure of modules and the hands-on approach towards learning is a definite plus! I plan to look for graduate roles which allow me to apply my classroom learning to industry."

Palak Lad
 MSc Advanced Control and Systems Engineering

Automatic Control and Systems Engineering

www.sheffield.ac.uk/acse
 pgtacse@sheffield.ac.uk
 +44 (0)114 222 5644
 @ShefACSE

We work with the biggest names in industry. Our courses are respected by employers all over the world.

Course	Duration
MSc(Eng) Advanced Control and Systems Engineering	1 yr FT
MSc(Eng) Advanced Control and Systems Engineering (with Industry)	2 yrs FT
MSc Advanced Control and Systems Engineering (with Industrial Management)	1 yr FT
MSc Robotics	1 yr FT
MSc Autonomous & Intelligent Systems	1 yr FT
MRes Control & Systems Engineering	1 yr FT

The only department in the UK, and one of the best in the world, dedicated to control and systems engineering.

Give yourself an edge

Our world-leading research and our partnerships with industry give you an advantage in a competitive careers market. You'll learn about the very latest developments in systems, control and Robotics and Autonomous Systems (RAS) preparing you for a future in engineering.

Push yourself further

We have cutting-edge facilities and technology, including: advanced control and systems software, modelling, simulation and controller design tools, robotics, a flexible manufacturing systems laboratory, evolutionary computing laboratory and clean facilities for the assembly of satellite instrumentation.

Make your mark

You could pursue a career with a large international organisation or government department. Our graduates work in sectors such as manufacturing, power generation and sustainable energy, with companies including British Airways, Jaguar Land Rover, NASA, IBM, Rolls-Royce and Unilever. A Sheffield masters is a strong foundation for

a career in industry or research. A masters from the department is the mark of someone with the skills to apply their knowledge in industry anywhere in the world.

Our MSc in Advanced Control and Systems Engineering is accredited by the Engineering Council UK, IET and InstMC. These marks of assurance mean our degrees meet the high standards set by the engineering profession.

Industry links

We have strong links with industrial partners such as Rolls-Royce, Airbus and others. Our industrial partners give an employer's perspective on our postgraduate courses, and share in activities to enhance the employability of our graduates.

Rolls-Royce has a University Technology Centre based in the department, which coordinates and directs systems and control research for Rolls-Royce. We collaborate with three manufacturing centres and we co-lead on the innovative Urban Flows Observatory. We are a key part of other exciting centres including Sheffield Robotics, the INSIGNEO Institute for in silico medicine, the Rail

Innovation and Technology Centre. Our masters students often work side by side with researchers at these facilities.

A stimulating environment

The 2014 Research Excellence Framework (REF) rates us No 1 in the UK for research output, ahead of Oxford and Cambridge, and No 3 for overall research excellence. Our world-class reputation attracts highly motivated staff and students.

You'll be taught by staff who work on real-world projects and challenging societal problems. They're the people that develop new ideas and paradigms – for intelligent infrastructure, robots, autonomous cars and even space exploration. Their approach to teaching is just as innovative: ideas like the award-winning take-home helicopter lab kit and e-puck mobile robotics activities help you develop the problem-solving skills you need for a successful career.

MSc(Eng) Advanced Control and Systems Engineering

Our flagship course blends theory and practice, giving you a strong grounding for a career in industry or research. This continually evolving course has been running for over 40 years and is well supported by the UK Engineering and Physical Sciences Research Council (EPSRC).

The core modules provide you with the basic skills you'll need to become a control and systems engineer. You'll take advanced modules in current areas of interest and complete a research-level dissertation project.

Entry requirements

You'll be an engineering, mathematics or science honours graduate with a 2:1 degree from a recognised institution. Or you may be an experienced professional, thinking about updating your knowledge of the subject. You'll need to have excellent mathematical notation and basic computer programming skills.

For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Foundations of Control Systems; Optimisation and Signal Processing; Advanced Control; Industrial Automation; Modern Control and System Identification; Control Systems Project and Dissertation.

Examples of optional modules

Intelligent and Vision Systems; Industrial training programme (ITP) in Advanced Manufacturing; Cybersecurity for Control Systems; Multisensor and Decision Systems.

Project work

You can use our award-winning take-home lab kits to explore core concepts at home. It supports our teaching, giving you the chance to learn by doing, when you want to, not just in classes. You'll work on a major project of your own as part of your final assessment and there are chances to contribute to other projects throughout the course.

Teaching and assessment

You can expect a mix of lectures, tutorials, laboratory work and individual assignments.

MSc(Eng) Advanced Control and Systems Engineering (with Industry)

This version of our flagship course includes a 12-month work placement. In the first year, you'll take basic and advanced modules. In the second year, you'll put your knowledge and skills to work.

We'll give you training in research skills. You'll carry out an extended research project with a dissertation. You'll also write a report and give a presentation based on your work placement.

Entry requirements

You'll be an engineering, mathematics or science honours graduate with a 2:1 degree. You'll also need to have excellent mathematical notation and basic computer programming skills.

You'll need to provide a statement about your proposed work placement addressing the following questions:

1. Tell us about the industry you want to work in.
2. How does control and systems engineering relate to this industry?
3. What do you hope to contribute, as a placement student, to this industry or company?

You may also have a telephone or Skype interview with the admissions tutor.

English language requirements

Overall IELTS score of 7.5 with a minimum of 6.5 in each component, or equivalent.

MSc Advanced Control and Systems Engineering (with Industrial Management)

The fundamental and advanced concepts of modelling, simulation, control, optimisation and systems engineering, as well as management techniques, including: project management, risk management, professional skills and effective management of innovative development.

Entry requirements

Minimum 2:1 honours degree. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Foundations of Control Systems; Optimisation and Signal Processing; Industrial Automation; Intelligent and Vision Systems; Strategic Engineering Management and Business Practices; Industrial training programme (ITP) in Advanced Manufacturing; Managing Innovation and Change in Engineering Contexts; Control Systems Project and Dissertation.

Teaching and assessment

There are lectures, tutorials, laboratory work and individual assignments. You will be assessed via exams, coursework assignments and a project dissertation.

MSc Robotics

Build on your existing knowledge to become an expert in Robotics and Autonomous Systems (RAS), with the interdisciplinary skills to join the next generation of RAS engineers.

Entry requirements

Minimum 2:1 honours degree in a numerate subject such as engineering, mathematics or physical sciences. To thrive in this degree you'll need to have excellent mathematical notation and basic computer programming skills. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.



“Our MSc in Robotics will provide you with the essential knowledge, understanding and skills needed for designing, implementing and deploying the robotics and autonomous systems (RAS) of the future. You will be inspired to think differently and create innovative solutions with the potential to change our lives.”

Dr Roderich Gross
Senior Lecturer in Robotics

Core modules

Data Modelling and Machine Intelligence; Foundations of Robotics; Mechatronics for Robotics; Manipulator Robotics; Robotics and Autonomous Systems; Intelligent and Vision Systems; Multisensor and Decision Systems; Robotics Project and Dissertation.

Examples of optional modules

Industrial training programme (ITP) in Computational Intelligence; Modelling and Simulation of Natural Systems.

Teaching and assessment

There are lectures, seminars, tutorials, individual assignments and a major research project. You're assessed via exams, coursework assignments and a project dissertation.

MSc Autonomous and Intelligent Systems

This specialist masters is ideal if you have previously studied control, mechatronics or robotics. You will learn advanced topics in control and systems engineering with an emphasis on system autonomy and intelligence.

Entry requirements

Minimum 2:1 honours degree (or equivalent) in control engineering or a related subject. Alternatively, you might be an experienced professional, thinking about updating your knowledge of the subject.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Agent-based Modelling and Multi-agent Systems; Real-time Embedded Systems; Modern Control and System Identification; Data Modelling and Machine Intelligence; Advanced Control; Intelligent and Vision Systems; Multisensor and Decision Systems; Control Systems Project and Dissertation.

Example of optional modules

Cybersecurity of Control Systems; Industrial training programme (ITP) in Computational Intelligence.

Teaching and assessment

There are lectures, seminars, tutorials, individual assignments and a major research project. You're assessed via exams, coursework assignments and a project dissertation.

MRes Control and Systems Engineering

Our new MRes in Control and Systems Engineering provides you with an excellent introduction to research methods plus lectures and lab work to consolidate your knowledge in the discipline.

Entry requirements

First class honours degree (or equivalent). Alternatively, you might be an experienced

professional, thinking about updating your knowledge of the subject.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Optimisation and Signal Processing; Modern Control and System Identification; Control Research Project.

Example of optional modules

Robotics and Autonomous Systems; Multisensor and Decision Systems; Intelligent and Vision Systems; Cybersecurity for Control Systems; Advanced Control.

Teaching and assessment

There are lectures, seminars, tutorials, individual assignments and a major research project. You're assessed via exams, coursework assignments and a project dissertation.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

- +44 (0)114 222 5644
- pgt@sheffield.ac.uk
- @ShefACSE



Sheffield Institute for Interdisciplinary Biblical Studies (SIIBS)

www.sheffield.ac.uk/siibs
siibs@sheffield.ac.uk
 +44 (0)114 222 0502



Join staff and students from around the world at the Sheffield Institute for Interdisciplinary Biblical Studies. The variety of fresh perspectives you'll find here will make your masters a unique experience.

Course	Duration
MRes Interdisciplinary Biblical Studies	1 yr FT / 2 yrs PT

2nd for research output (UK)

Research Excellence Framework (REF) 2014

We take an innovative, interdisciplinary approach to the subject.

Where your masters can take you

Our graduates go into a range of careers all over the world, including university lecturing, the creative industries and religious education. They work for a variety of organisations, from charities to museums and libraries.

The MRes Interdisciplinary Biblical Studies is designed to be a good preparation for a PhD.

About us

SIIBS is a world leading institute for multidisciplinary research on the Bible. The 2014 Research Excellence Framework (REF) ranks us among the UK top ten for quality output.

We take a dynamic, contemporary approach to the subject. Drawing on expertise from various disciplines including cultural studies, history, social science and literature, we examine the Bible's influence on culture, society and politics.

Our current research includes projects on biblical literacy, religion and conflict, embodied religion, the Bible and forced migration, the Bible and sexual violence and the Bible and the Gothic.

Outstanding teaching

When you study with us, you tap into a huge amount of specialist expertise. As a masters student, you'll be part of the culture of the institute, giving presentations at research seminars and engaging with visiting researchers from all over the world.

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.0 in each component, or equivalent.

Teaching and assessment

You'll be taught through seminars and supervised research. You'll be assessed on your coursework and a dissertation.

MRes Interdisciplinary Biblical Studies

This course will prepare you for further research at MPhil/PhD level. We'll give you training in research methods, then you'll work with your supervisor to formulate a research topic and complete a 12,000–15,000-word dissertation.

The rest of your coursework is up to you. You might choose to develop your language skills in Hebrew, Greek, French or German, or you could focus more on the historical or contemporary cultural aspects of biblical

studies. Alternatively, you might choose to do a work placement module to gain valuable experience in media, charity or academic work.

Entry requirements

Minimum 2:1 honours degree, or equivalent. For equivalent grades for your country, visit www.sheffield.ac.uk/international

Core module

Research Methods in Biblical Studies.

Examples of optional modules

Options include: Issues in Cultural Studies; work placement module; Issues in Religion, Theology and the Bible, and reading modules for which you can agree your own focus with the tutor to reflect your research interests.

Teaching and assessment

Teaching methods include:

- Conference tutorial time
- Individual tutorial time
- Online group learning environment
- Independent study
- The dissertation will consist of tutorials and independent study.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

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"I chose to study a masters in SIIBS as I was looking for a course that would allow me to look at a variety of aspects of the biblical texts, including language, gender, sexuality, media and culture and SIIBS allowed me to do this. My favourite aspect of studying a masters in SIIBS was the events, programmes and activities available to me. They were engaging and inclusive as well as being beneficial to my studies. I would highly recommend a masters in SIIBS!"

Aysha Musa
MA Biblical Studies Research



“The best part of this course is the Lab Research Project, which gives a good opportunity for real lab experience and also the stem cell technique lab module is one of the best you can ask for. I loved all other modules as well, which gave me a deep insight into current research.”

Chandreshkumar Jain
MSc Stem Cell and Regenerative Medicine

Biomedical Science

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

We are international leaders in biomedical science research, including stem cell biology, disease mechanisms, neuroscience, drug discovery, and human anatomy.

Course	Duration
MSc Biomedical Science	1 yr FT
MSc Biomedical Science with Education	1 yr FT
MSc Genomic Approaches to Drug Discovery	1 yr FT
MSc Human Anatomy with Education	1 yr FT
MSc Molecular and Cellular Basis of Human Disease	1 yr FT
MSc Neuroscience	1 yr FT
MSc Stem Cell and Regenerative Medicine	1 yr FT

You may also be interested in

MSc Science Communication	Page 160
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Where your masters can take you

Our masters courses are focused on understanding human health and disease, unlocking new treatments, improving care and prolonging life. There is a growing demand for skilled, multi-disciplinary bioscientists and our programmes have been designed in response to fast-moving areas of research.

Our graduates work all over the world and our courses are a great way to build on your existing scientific knowledge and practical skills, to equip you for a career in academia or industry. All of our courses can also lead straight on to a PhD through our PhD with Integrated Masters programme.

Learn from the experts

In the latest Research Excellence Framework (REF) in 2014, we were ranked number one in the UK for medical research excellence and in the top five for biological science. Our international reputation attracts highly motivated staff and students making Sheffield a vibrant place to study a masters.

Throughout your programme you'll get specialist training from our world-class scientists who will equip you with the knowledge and practical skills that every bioscientist needs. Regular seminars from international experts will also help

you to connect your studies to the latest developments in biomedical science.

Our research expertise spans cell biology and cancer, development and disease, neuroscience, and stem cell and regenerative medicine. Through our three specialist research centres – Bateson Centre, the Centre for Stem Cell Biology, and the Centre for Membrane Interaction and Dynamics – we're translating laboratory research into the clinical environment.

Leaders in our field

We have a long track record of discoveries. These include breakthroughs in human stem cells for hearing repair, and the generation of animal models for Parkinson's disease, schizophrenia, muscular dystrophies and their use for therapeutic studies.

Labs and equipment

Students have access to state-of-the-art facilities for drosophila, zebrafish, chick and mouse genetics and molecular physiology. Other facilities provide all the tools you'll need to examine and analyse a range of cellular structures. We have an electron and a light microscopy centre, a PCR robotics facility, a flow cytometry unit and an RNAi screening facility.



Dr Louise Robson

Teaches on:
MSc Stem Cell and Regenerative Medicine. MSc Molecular and Cellular Basis of Human Disease.

Current research:
“I work on the disease cystic fibrosis (CF), which is one of the most common inherited diseases in caucasians, with an incidence of 1 in 2,500 live births. In CF a faulty gene means that the protein CFTR does not work properly. My research is looking at how CFTR is regulated normally, and what happens with faulty CFTR. In addition I am in the process of setting up a new diagnostic tool, with the aim of helping our CF clinic in the early diagnosis of children suffering from CF.”

Teaching and assessment

Throughout your degree, you'll be taught through lectures, practical sessions, lab placements, tutorials and seminars. In small group teaching classes you'll discuss, debate and present on scientific and ethical topics. The biggest part of the course will be your individual research project, working alongside professional scientists. Assessment is by formal examinations, coursework assignments, debates, poster presentations and a dissertation.

Our teaching covers ethics, practical scientific skills and an overview of the current literature. You'll also develop useful career skills such as presentation, communication and time management.

Entry requirements

For MSc Human Anatomy with Education, we ask for a 2:1 degree in a biomedical-related subject. For all our other MScs, we ask for a good 2:1 degree in a biomedical-related subject. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

MSc Biomedical Science

Biomedical science is about understanding our bodies and our ability to control them during health and disease. It's the basic science that underpins medicine. Breakthroughs in biomedical science feature regularly in the news, from radical new treatments for cancer patients to innovative advances in reproductive technologies and regenerative medicine. Over the last twenty years, research into the human genome and molecular processes has revolutionised our understanding of biological systems.

This research-led masters is taught by experts in the key areas of modern biology to give you a broad understanding of biomedical science today.

Core modules

Literature Review; Laboratory Research Project; Critical Analysis of Current Science; Ethics and Public Awareness of Science.

Examples of optional modules

Neuroscience Techniques; Practical Developmental Genetics; Practical Cell Biology; Modelling Human Disease and Dysfunction; Developmental Neurobiology; Cancer Biology; Stem Cell Biology.

MSc Biomedical Science with Education

Whether you're already working in higher education or taking the first step towards your teaching career, this course has been designed to give you the training you need to teach biomedical science and carry out your own research projects in the field.

During your studies we'll introduce you to the strategies, methods and tools to enable you to convey knowledge and skills, design curricula and develop learning resources. Alongside this, you'll also learn about the latest developments in biomedical science from experts at Sheffield including molecular cell biology techniques and the ethical influences that inform research.

Core modules

Students and the Learning Environment; Advanced Techniques in Bioscience; Critical Analysis of Current Science; Literature Review; Curriculum and Programme Development; Ethics and Public Awareness of Science

Examples of optional modules

Cancer Biology; Physiology of Ion Channels and

Disease; Sensory Neuroscience; Principles of Regenerative Medicine and Tissue Engineering; Membrane Receptors.

MSc Genomic Approaches to Drug Discovery

This unique research-led masters course provides laboratory training to future scientists in drug screening and gene discovery using the latest automated genomics techniques. Students will also gain training in pharmaceutical industry practices through direct contact with industry leaders from a wide range of companies.

Your research project will be undertaken in conjunction with the internationally renowned Sheffield RNAi Screening Facility, providing you with world-class training and professional skills in the use of pharmaco-genomics. You'll also benefit from our modern research laboratories and equipment, including purpose-built facilities for drug screening, laboratory automation, cellular assays, imaging and processing.

Core modules

Literature Review; Laboratory Research Project; Critical Analysis of Current Science; Ethics and Public Awareness of Science.

Examples of optional modules

Small Molecule and Functional Genomic Screening; 3D Tissue Culture and Genome Editing; Genomic Approaches to Drug Discovery; The Biotech and Pharmaceutical Industry; Modelling Human Disease and Dysfunction.

MSc Human Anatomy with Education

Understanding human anatomy is integral to a wide range of clinical and scientific disciplines including medicine, dentistry, archaeology, forensic science and bioengineering. A reduction in the number of universities nationally and internationally offering training in human anatomy has led to a shortfall in those qualified to work in the fields associated with the discipline.

This course offers the opportunity to develop an in-depth understanding of anatomy through cadaveric dissection and the extensive training you need to become an accredited anatomy teacher.

Core modules

Anatomy of the Trunk and Limbs; Students and the Learning Environment; Anatomy of the Head, Neck and Brain; Curriculum and Programme Development; Action Research Project; scholarship in learning and teaching.



MSc Molecular and Cellular Basis of Human Disease

Whole genome sequencing has opened up a new era of studies into the molecular and cellular basis of human disease. This unique research-led masters course provides training to future scientists in the production and use of animal models for basic research into disease mechanisms and for therapeutic studies.

The new molecular genetic and cellular approaches to understand human disease and disease processes in model systems are well established in our department, with some of the world's foremost research in these areas being conducted in Sheffield. As the research base broadens and industry begins to adopt new technologies, the demand for this type of specialist training is strong across the healthcare industry and academia.

Core modules

Laboratory Research Project; Literature Review; Critical Analysis of Current Science; Ethics and Public Awareness of Science.

Examples of optional modules

Practical Cell Biology; Practical Developmental Genetics; Cancer Biology; Modelling Human Disease and Dysfunction; Epithelial Physiology in Health and Disease.

MSc Neuroscience

Our department is home to a world-renowned sensory neuroscience research group. Their projects provide the basis for teaching and research training on this MSc.

The course covers molecular, cell and developmental biology of auditory and visual systems. Advanced imaging and behavioural analysis focus on information processing from sensory transduction to the central nervous system and behaviour. You'll also study animal models of sensory deficits and the development of therapeutic treatments for hearing loss and blindness.

Core modules

Literature Review; Laboratory Research Project; Critical Analysis of Current Science; Ethics and Public Awareness of Science.

Examples of optional modules

Practical Developmental Genetics; Neuroscience Techniques; Sensory Neuroscience; Developmental Neurobiology; Computational Neuroscience 1: Biologically Grounded Models.

MSc Stem Cell and Regenerative Medicine

Stem cell and regenerative medicine is at the forefront of future therapies to repair disease and damaged organs. As the academic research base broadens and industry begins to adopt new technologies, the demand for specialists has increased substantially. As such, this unique research-led course offers high-level employment opportunities.

On this masters course, experts from our Centre for Stem Cell Biology will train you in the latest human embryonic stem cell techniques.

Core modules

Literature Review; Laboratory Research Project; Critical Analysis of Current Science; Ethics and Public Awareness of Science.

Examples of optional modules

Human Embryonic Stem Culture Techniques; Practical Cell Biology; Principles of Regenerative Medicine and Tissue Engineering; Stem Cell Biology.

Apply

www.sheffield.ac.uk/bms/study/masters

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Chemical and Biological Engineering

www.sheffield.ac.uk/cbe
 cbe-msc@sheffield.ac.uk
 +44 (0)114 222 7500

Our courses are taught by experts and supported by links with industry. We blend theory and practice to give you the qualification you need.

Course	Duration
Diploma Process Safety and Loss Prevention	9 months FT
MSc Biological and Bioprocess Engineering	1 yr FT
MSc Energy Engineering with Industrial Management	1 yr FT
MSc Biochemical Engineering with Industrial Management	1 yr FT
MSc(Eng) Environmental and Energy Engineering	1 yr FT
MSc Pharmaceutical Engineering	1 yr FT
MSc(Eng) Process Safety and Loss Prevention	1 yr FT / 2 yrs PT

Your course is based on our specialist research expertise.

Take advantage of our expertise

Our teaching is grounded in specialist research expertise. Our reputation for innovation has attracted funding from industry, UK research councils, the government and the EU. Industry partners, large and small, benefit from our groundbreaking work addressing global challenges.

You'll have access to top facilities, including modern social spaces, purpose-built labs, the Harpur Hill Research Station for large-scale work, extensive computing facilities and a modern applied science library. There are high-quality research facilities for sustainable energy processes, safety and risk engineering, carbon capture and utilisation, and biological processes and biomanufacturing.

MSc(Eng)/Diploma Process Safety and Loss Prevention

Accredited by the Institution of Chemical Engineers

Whether you're already working in the field or just starting out, this course will deepen your understanding and equip you with skills and expertise in process safety, loss prevention and risk assessment. You'll be ready for a career in the oil and gas, chemical,

nuclear and pharmaceutical industries, or with any of the consultancies that service them.

Entry requirements

A good honours degree in science, technology or engineering. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 5.5 in each component, or equivalent.

Studentships

Contact us for current information on available scholarships.

Course content

Diploma: three core modules and five optional modules. MSc(Eng): three core modules, major research project, and five optional modules.

Core modules

Process Safety Management and Loss Prevention; Introduction to Hazard Analysis and Risk Assessment; Hazards in Process Plant Design and Operation; Dissertation (for MSc).



“What I like most about my course is that it’s totally applied to industry: it’s very practical and the lecturers have a lot of industry experience. I love that with my work I can avoid big accidents occurring and save lives and the environment.”

Sandra Catalina Prieto Marin
MSc(Eng) Process Safety and Loss Prevention

Examples of optional modules

Process Plant Reliability and Maintainability; Human Error and Human Behaviour; Applied Hazard and Operability Studies (HAZOP); Safety in Nuclear Operations; Process Safety in Pharmaceutical, Food and Consumer Products Industries.

Full time or part time

This course is available full time over a year, or part time over two or three years. Each module can be taken as a short course – useful if you’re already working in industry. Part-time students need to complete all modules within two years. You can take an extra third year to complete your dissertation if you need to – we won’t charge fees for that year. Modules are delivered about once per month from September to June. Each module is four days long. You must therefore attend for 32 days in total.

Teaching and assessment

We use a mixture of lessons and discussions, real-life case studies, workshops and hands-on computer sessions. Continuous assessment is based on assignments for each module, and a dissertation.

MSc Biological and Bioprocess Engineering

Accredited by the the Institution of Chemical Engineers

Develop the essential skills for a career in bioindustry or for further advanced research in next-horizon biotechnologies. You’ll learn from world-class researchers, including staff from Biomedical Science and Materials Science and Engineering. Our graduates work in biotechnology, biopharmaceutical and bioprocess organisations.

Entry requirements

A good honours degree in science, technology or engineering. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 5.5 in each component, or equivalent.

Studentships

Contact us for current information on available scholarships.

Course content

Four core modules including research project, a conversion module, and three optional modules.

Core modules

Research Project; Bio-Energy; Bio-pharmaceutical Bio-processing; Advanced Bioprocess Design Project; Advanced Biochemical Engineering; Applied Biological and Bioprocess Engineering.

Examples of optional modules

Stem Cell Biology; Tissue Engineering Approaches to Failure in Living Systems; Synthetic Biology; Proteomics and Bioinformatics.

Teaching and assessment

We use a combination of lectures, tutorials, examples classes and coursework assignments. Assessment is based on assignments for each module, formal examination of core modules, dissertation and oral presentation of the laboratory-based research project.

MSc Energy Engineering with Industrial Management

This course is for graduates and established professionals pursuing careers in energy management. We blend theory with hands-on experience, giving you the level of insight and understanding you need to be a great manager.

Demand for energy is growing. But the world’s energy resources are limited. To address this, we need to change to the way we use energy and dispose of waste. That’s the focus of our MSc: to produce new generations of managers who are equipped to deal with these challenges.

Entry requirements

A good honours degree in science, technology or engineering. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 5.5 in each component, or equivalent.

Core modules

Introduction to Fuel and Energy; Applied Energy Engineering; Research project; Managing Innovation and Change in Engineering Contexts; Engineering Commercial Success: And making the world a better place!; Strategic Engineering Management and Business Practices.

Examples of optional modules

Low Carbon Energy Science and Technology; Energy from Biomass and Waste; Nuclear Reactor Engineering; Oil and Gas Origins and Utilization; Systems for Sustainability; Electrochemical Engineering; Biorefineries.

MSc Biochemical Engineering with Industrial Management

This course blends biochemical engineering with business management to prepare you for a career in biopharmaceuticals or industrial biotechnology.

The bioscience industries have a huge role to play in the search for sustainable energy, food production and medicine. They need managers who understand the science, the technology and the business. Our MSc is designed to produce graduates who are up to the challenge.

Entry requirements

A good honours degree in science, technology or engineering. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 5.5 in each component, or equivalent.

Core modules

Research Project; Bio-pharmaceutical Bio-processing; Advanced Bioprocess Design Project; Advanced Biochemical Engineering; Applied Biological and Bioprocess Engineering; Strategic Engineering Management and Business Practices; Managing Innovation and Change in Engineering Contexts; Engineering Commercial Success: And making the world a better place!

Example of optional modules

Proteomics and Bioinformatics; Synthetic Biology.

MSc(Eng) Environmental and Energy Engineering

Accredited by the Energy Institute and the Institution of Chemical Engineers

This practical degree has been developed with the Institution of Chemical Engineers and the Energy Institute to equip you with the skills and expertise needed for work in sectors including industry, education, public administration and commerce.

Entry requirements

A good honours degree in science, technology or engineering. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 5.5 in each component, or equivalent

Core modules

Introduction to Fuel and Energy; Applied Energy Engineering; Environment: Gaseous Emissions; Environment: Particulate Emissions; Environment: Liquid Effluents; Systems for Sustainability; Research Project.

Example of optional modules

Energy from Biomass and Waste; Low Carbon Energy and Technology; Nuclear Reactor Engineering; Oil and Gas Origins and Utilisation; Electrochemical Engineering; Biorefineries.

MSc Pharmaceutical Engineering

This programme has been developed taking into consideration the requirements of the global pharmaceutical industry. You will learn about:

- The science and application of products
- Oral drug delivery
- The production of medicines and new technologies

You will gain hands on experience with high value formulated products using our industrial scale continuous powder processing plant.

At Sheffield you’ll be taught by the very best. The department works closely with some of the world’s major pharmaceutical companies (eg Pfizer, AstraZeneca and GSK). Graduates of this course will be highly sought after in the global pharma market.

Entry requirements

A good honours degree in science, technology or engineering. For equivalent grades for you country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 5.5 in each component, or equivalent.

Core modules

Science of Formulated Products; Continuous Manufacturing Technology; PAT and Process Optimisation; Advanced Materials; Biopharmaceutical Manufacturing; Biopharmaceutical Engineering; Complex Fluids and their Application.

Example of optional modules

New Drug Discovery and Pharmaceutical Manufacturing Regulations; Particle Design and Processing; Process Safety in Pharmaceutical, Food and Consumer Products Industries; Strategic Engineering Management and Business Practices.

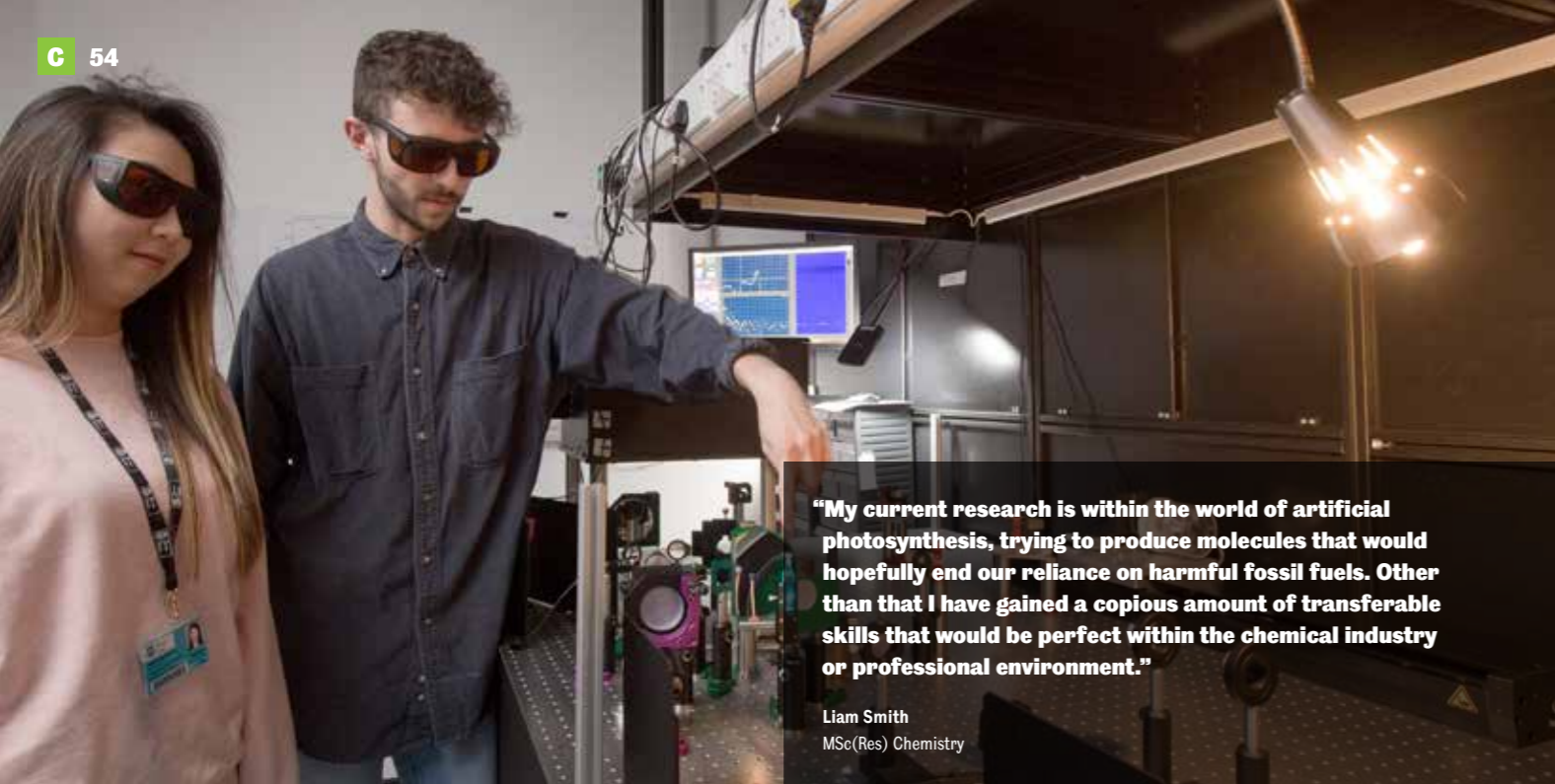
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“My current research is within the world of artificial photosynthesis, trying to produce molecules that would hopefully end our reliance on harmful fossil fuels. Other than that I have gained a copious amount of transferable skills that would be perfect within the chemical industry or professional environment.”

Liam Smith
MSc(Res) Chemistry

Chemistry

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You'll learn new techniques in state-of-the-art labs, attend advanced lectures and undertake a research project under the supervision of world-class scientists.

Course	Duration
MSc Chemistry	1 yr FT
MSc(Res) Chemistry	1 yr FT
MSc Polymers for Advanced Technologies	1 yr FT

You may also be interested in

MSc Science Communication	Page 160
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98% of research is world-leading or internationally excellent

Research Excellence Framework (REF) 2014

Four Nobel Prize winners have worked or studied in our Department of Chemistry, including Sir Harry Kroto, who discovered a new form of carbon.

Your future

Our graduates go into technical, scientific and research roles in a range of industries – chemical, petrochemical, biopharmaceutical, plastics – or they use their specialist knowledge in areas such as consultancy and publishing. They work all over the world for companies including AkzoNobel, Amgen, AstraZeneca, Corus, Dow Chemicals, GSK, Smith and Nephew and Syngenta. Our masters courses are also great preparation for a PhD and a career in scientific research.

Learn from world-class research

We're working on major scientific challenges such as antimicrobial resistance and plastic waste, and developing new technologies for industry and healthcare. The 2014 Research Excellence Framework (REF) rates 98 per cent of our work world-class or internationally excellent.

Labs, equipment and training

We'll train you to use our modern analytical instrumentation. We have NMR spectroscopy, mass spectrometry, x-ray crystallography, polymer characterisation methods and advanced microscopy. We have new world-leading facilities in small-angle x-ray scattering and laser spectroscopy which are opening up new research areas and collaborations. We also have a team of

technicians to assist with spectroscopic services and there are labs for molecular biology, protein chemistry, polymer/colloid synthesis and materials characterisation.

MSc Chemistry

This course gives you more than 20 different optional lecture topics for you to choose from across organic, inorganic and physical chemistry. Current topics range from metals in medicine and enzyme catalysis, to graph theory and quantum chemistry, to polymer architectures and nanochemistry.

In the lab, our researchers will teach you advanced research skills, and you'll spend around one-third of your time working on your own research project. You'll choose the topic and you'll be based in one of our world-class research groups, developing skills and expertise that can help you stand out in the graduate job market.

Entry requirements

You need a BSc(Hons) 2:1 or equivalent in chemistry or a chemistry-related subject.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Modules

Topics in Advanced Chemistry 1; Topics in Advanced Chemistry 2; Research and Presentation Skills; Chemistry Projects; Chemistry Research Project.

Your career

Graduates from this course go on to work in the chemical industry or in other scientific roles. Some of the biggest employers of our students are pharmaceutical companies, where chemists develop new medicines, and consumer goods companies, where they make many of the products you see on supermarket shelves. You can also go behind the scenes, creating the chemicals and materials that make industrial-scale manufacturing possible.

MSc(Res) Chemistry

For most of this one-year course, you will be working full-time as a chemistry researcher on your own research project. You will choose a topic, learn advanced lab techniques and be trained to use state-of-the-art chemistry equipment.

There are also two short lecture modules to help you continue to develop your chemistry expertise. Each one allows you to pick the topics that most interest you from a range of organic, inorganic and physical chemistry subjects.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Entry requirements

You need a BSc(Hons) 2:1 or equivalent in chemistry or a chemistry-related subject.

Modules

Advanced Topics in Chemistry 1; Advanced Topics in Chemistry 2; MSc(Res) Chemistry Research Project.

Your career

You will be an active, contributing member of your project supervisor's research group, which makes this course great preparation for a PhD, or a research and development role in industry. Employers and PhD supervisors really value the experience students get from completing an extended project on an MSc(Res) degree.

MSc Polymers for Advanced Technologies

This specialist course in polymer science and engineering is our most applied masters – and it's designed with industry in mind. You'll learn how polymers are made, how they behave, how important products like polystyrene are constructed and how to use cutting-edge techniques to create new advanced materials.

Laboratory training covers a range of polymer synthesis methods and analytical techniques including size-exclusion chromatography, viscosity analysis, and IR and NMR spectroscopy. Other modules highlight how polymer chemistry overlaps with other areas of science, by focusing on concepts from physics that explain polymers' unique physical properties, and engineering principles to look at the effects that polymer microstructures have on polymer performance.

You will also take part in a research training programme and complete your own research project, which will take up around a third of your course. Some students work on projects with an industry partner.

Entry requirements

You need a good honours degree or relevant experience in chemistry, chemical physics, chemical engineering, materials or a related subject.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Modules

Fundamental Polymer Chemistry (15 credits); Design and Synthesis of Polymers of Controlled Structure (15 credits); Polymer Characterization and Analysis (15 credits); Polymer Materials Science and Engineering (15 credits); Smart Polymers and Polymeric Materials (15 credits); The Physics of Polymers (15 credits); Polymer Laboratory (15 credits); Research and Presentation Skills (15 credits); Polymer Research Project (60 credits).

Your career

Graduates from this course apply their polymer chemistry expertise in many different industries – from oils, paints and coatings, to food, cleaning agents and cosmetics, to medical, agricultural and aerospace technologies. This course is also great preparation for a PhD and a career in polymer chemistry research.



Professor Steve Armes FRS

Teaches on:
Fundamental Polymer Chemistry module.

“Recently I've published papers on topics ranging from micro-meteorites in our solar system to hydrogels we can use to store human stem cells. That is why I love polymer chemistry – the diversity of applications is remarkably broad if you have an open mind for both problems and opportunities.”

Apply

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If you'd like to know more about any aspect of our courses, contact us:

Dr Lance Twyman

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“I decided to apply to the department as it was ranked 4th for its research and it was also in the top 50 in the world for civil and structural engineering, so for me it stood right up there in the Russell Group. The teaching is very well organised and every module is taught based on the latest possible techniques by very experienced staff.”

Syed Hassan Zakria
MSc(Eng) Structural Engineering

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☎ +44 (0)114 222 5711

Civil and Structural Engineering

Civil engineers help to create and protect the world we live in. Driven by teaching and research excellence, we inspire and empower our students to engineer a sustainable future.

Course	Duration
MSc Civil Engineering	1 yr FT
MSc(Eng) Structural Engineering	1 yr FT
MSc Architectural Engineering Design	1 yr FT
MSc Water Engineering	1 yr FT

UK top 4 for research excellence

Research Excellence Framework (REF) 2014

World top 50 for civil and structural engineering

QS World University Rankings 2019

About us

Our research and teaching go beyond the traditional areas of the profession and address emerging global engineering challenges. All our masters courses are informed by our leading research and industry needs. The 2014 Research Excellence Framework (REF) puts us in the UK top four for civil engineering. Our research is funded by EPSRC, industry, UK government departments, and the European Union.

Our postgraduate taught degrees are accredited as meeting the requirements for Further Learning for a Chartered Engineer (CEng) for candidates who have already acquired an accredited CEng (Partial) BEng (Hons) or an accredited IEng (Full) BEng/BSc (Hons) undergraduate first degree. See www.jbm.org.uk for further information.

Your career

Our graduates work for top UK and international consultancies, contractors, regulators, universities, and other private and public sector organisations.

Many of them join engineering consultancies in roles such as structural engineer, building services engineer, environmental design, sustainability consultant, water engineer and construction manager.

Specialist facilities

Our programmes use industry-relevant software for design, modelling and simulation. Our laboratories are equipped to a very high standard, with specialist facilities for each area:

Structural engineering

Multiaxial testing equipment at elevated temperature; testing rigs for ambient and elevated temperature conditions; cement and concrete durability testing and material characterisation; field laboratory for full-scale impact and explosion research.

Water engineering

Static and tilting research flumes, urban drainage test rigs, laser and video-based measurement systems, pipe loop to explore the dynamics of water distribution systems, temperature controlled pipe loop to investigate water quality in distribution systems, field measurement equipment.



Dr Charles Rougé

“My area of expertise involves the modelling and analysis of complex water systems, to understand how they can be made resilient to change and hazards, and adapt to them. I teach students about sustainable water systems and what aspects to consider for the long-term planning, design and operation of our water infrastructure. The key here is sustainability in practice and how we might navigate the uncertain impacts of climatic, social, environmental and economic change on water supplies and demands.”

Architectural engineering design

Monitoring equipment for assessing the real-life performance of buildings: energy monitors, indoor environment monitors, heat flux monitors, thermal camera, wind tunnel suitable for assessing the impact of wind on urban forms at 1:200 scale, virtual reality equipment and visualisation suite.

Study options

Visit our website for course structure and module descriptions. Our MSc(Eng) courses can form Part 2 (Further Learning) of the educational base for Chartered Engineer status. For details see www.ice.org.uk

Entry requirements

Civil, structural and water pathways: minimum 2:1 honours degree (BEng, MEng, BSc) in civil or structural engineering or other appropriate engineering or science subject.

Architectural Engineering Design: minimum 2:1 honours degree (BEng, MEng, BSc) in a scientific or engineering subject. If you have architectural qualifications and you can show evidence of relevant mathematical skills, we'll consider your application.

We'll consider your application for any course if you have appropriate professional qualifications and work experience, but you'll need a strong background in the areas covered on the course.

For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Teaching and assessment

All courses include lectures, design and computational tutorials, industrial seminars, and an advanced engineering research study (dissertation). Some modules include laboratory work, site visits and engagement with our industrial partners.

September–June: taught modules and preparation for your dissertation.

June–August: complete your dissertation. Your advanced engineering research study gives you the opportunity to work with an academic on a piece of research in a subdiscipline. We'll give you training in research skills.

Groundwater protection and restoration

Modern, fully equipped laboratory for microbiological, chemical and pollutant analysis; experimental facilities for investigating environmental processes and pollutant interactions in the geosphere; extensive field sampling, monitoring and testing equipment; the latest evaluation and modelling software.

MSc Civil Engineering

Broad-based knowledge of civil engineering, covering geotechnical, structural and water engineering, placing equal emphasis on analysis and design. Effective civil engineers need a sound understanding of these three areas and their interconnections.

The core modules give you a grounding in engineering analysis and design. In the second semester, you can follow your interests and choose from a list of specialist modules.

Examples of core modules

Structural Analysis; Structural Design; Geotechnical Design; Constitutive Modelling of Geotechnical Materials; Groundwater Engineering; Engineering Hydraulics or Engineering Hydrology; Civil Engineering Research Proposal; Advanced Engineering Research Study.

Examples of optional modules

Innovations in Structural Concrete; Earthquake Engineering and Risk Management; Advanced Concrete Design; Blast and Impact Effects on Structures; Design of Earthquake Resistant Structures; Sustainable Drainage and Green Infrastructure; Management of Soil and Groundwater Pollution; Computational Methods in Water Engineering; Design of Water Distribution and Sewer Networks; Coastal Engineering; Flood Risk Management and Sustainable Water Resources Systems.

MSc Structural Engineering

Develop skills in the analysis and design of steel and concrete structures. You can tailor the course to your specific interests, so it's ideal for practising structural engineers who want to enhance their skills, or for anyone pursuing a career in this field.

Examples of core modules

Advanced Engineering Research Study; Structural Dynamics and Applications to Earthquake Engineering and Vibration; Computational Structural Analysis; Civil Engineering Research Proposal; Structural Design; Structural Analysis.

Examples of optional modules

Innovations in Structural Concrete; Earthquake Engineering and Risk Management; Advanced Concrete Design; Structural Analysis and Design for Fire; Multistorey Steel Building Design; Blast and Impact Effects on Structures; Design of Earthquake Resistant Structures; Geotechnical Design.



“Being part of Insigneo has enabled me to interact with different professionals conducting the latest research in the medical devices field. This really encourages me to dive deeper into the world of biomechanics.”

Shreya Barlingay
MSc Computational Medicine

Computational Medicine

www.sheffield.ac.uk/msc-computational-medicine
computationalmedicine-admissions@sheffield.ac.uk
 +44 (0)114 222 7836

MSc Architectural Engineering Design

This course produces building services professionals, environmental design specialists, and low-carbon built environment practitioners who can design and construct buildings to reduce the environmental impacts of construction and meet environmental performance targets. It covers thermodynamics and energy use in buildings, efficient structural design, material selection including low impact materials, simulation tools to model the indoor environment, thermal modelling, airflow analysis and urban microclimate design.

Examples of core modules

Building Environmental Simulation and Analysis; Principles of Building Physics for Sustainable Design; Thermodynamics for Buildings; Computational Fluid Dynamics; Architectural Engineering Design Project; Urban Microclimate; Sustainable Engineering Design; Civil Engineering Research Proposal; Advanced Engineering Research Study.

Examples of optional modules

Materials for Low Impact Buildings Theory; Elements of Computational Design I; Building Information Modelling, Management and Analysis.

MSc Water Engineering

Looking after our water resources has never been more important or more challenging. The world needs engineering graduates who can tackle the problems of flooding, pollution and infrastructure design. Our MSc aims to meet that demand.

This course provides students with the fundamental knowledge and experience of water engineering science and practice, including skills in environmental enhancement and protection. It incorporates fluid mechanics, hydraulics, hydrology and hydrogeology.

Examples of core modules

Engineering Hydrology; Engineering Hydraulics; Groundwater Engineering; Surface Water Quality Processes; Computational Methods in Water Engineering; Civil Engineering Research Proposal; Advanced Engineering Research Study.

Examples of optional modules

Management of Soil and Groundwater Pollution; Design of Water Distribution and Sewer Networks; Coastal Engineering; Sustainable Drainage and Green Infrastructure; Computational Fluid Dynamics; Flood Risk Management and Sustainable Water Resources Systems.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

+44 (0)114 222 5711
civilpgadmissions@sheffield.ac.uk

The only course of its kind in the UK. You'll be at the forefront of virtual medicine, learning to apply computer simulation to the body to enhance our understanding of human health.

Course	Duration
MSc Computational Medicine	1 yr FT

In silico modelling and simulation technologies that directly contribute to the prevention, diagnosis, prognosis, treatment planning and execution, or management of disease.

MSc Computational Medicine

Through hands-on teaching and access to the most advanced technologies available, this course aims to prepare you for employment in biomedical industries, in regulatory agencies, in new companies offering *in silico* medicine services and in research hospitals all over the world.

Europe's largest *in silico* research institute

The Insigneo Institute for *in silico* medicine is a collaborative initiative between the University of Sheffield and Sheffield Teaching Hospitals NHS Foundation Trust. It coordinates 140 academics and clinicians from various disciplines who collaborate to improve health outcomes.

Only the most outstanding candidates will be accepted onto this unique course. The small cohort will be integrated within Insigneo's world-leading research groups, creating a community of experts in this exciting new field. There may also be the opportunity to progress onto the Insigneo *in silico* PhD programme.

Entry requirements

2:1 science and engineering degree, with knowledge of solid and fluid mechanics. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

IELTS overall grade of 7.0 with a minimum of 6.5 in each component, or equivalent.

Core modules

Cardiovascular Modelling Skills; Musculoskeletal Modelling Skills; Experimental Skills for Tissue Modelling; Mechanobiology for Medicine; Regulatory Affairs for Medical Devices; Biomechanics of the Musculoskeletal System; Anatomy and Physiology for Engineers; Biomechanics of the Cardiovascular System; Research Project.

Teaching and assessment

Teaching takes place through group work, project work, lab practicals/reports and presentations.

You'll be assessed by a variety of practical and written assessments, and examinations.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

+44 (0)114 222 7836
computationalmedicine-admissions@sheffield.ac.uk
www.sheffield.ac.uk/msc-computational-medicine



“Genesys Solutions, the student-run software company, has really helped increase my knowledge of developing software in industry. When I graduate I’d like to work in the software industry as a software developer and would like to make an impact by solving challenging problems in software development.”

Samra Abbas
MSc(Eng) Advanced Software Engineering

Computer Science

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

Our project-based courses give you valuable hands-on experience. We teach you how to apply what you learn in business and industry, anywhere in the world.

Course	Duration
MSc Advanced Computer Science	1 yr FT
MSc(Eng) Advanced Software Engineering	1 yr FT
MSc Computer Science with Speech and Language Processing	1 yr FT
MSc Cybersecurity and Artificial Intelligence	1 yr FT
MSc Data Analytics	1 yr FT
MSc Software Systems and Internet Technology	1 yr FT

You may also be interested in

MSc Data Communications	Page 78
MSc Information Systems	Page 101

Prepare for your career

Our courses give you experience of how real-world projects work. We consult with big employers to ensure that you develop the skills and the personal qualities they're looking for.

You'll learn about the issues that matter in global business and industry. Our graduates go into academic and industrial research, the software industry, banking and finance. They work for companies such as Amazon, ARM, Barclays, Bank of America Merrill Lynch, Google, HSBC and IBM.

About us

Our challenge is to use computation to understand all kinds of systems: computer systems, living systems and cognitive systems. Our research areas include robotics, machine learning, speech and language processing, visual computing, computational systems biology and software verification and testing. It's work that makes a difference to people's lives.

Network and hardware

We have our own high-performance network so you can access our advanced computing facilities. There are labs for teaching smaller groups, wi-fi coverage throughout the department, and you can connect your own

laptop to the network. Mobile devices and tablets are available for you to borrow for project work.

We also use specialised equipment: an immersive virtual reality facility, robotics hardware and an acoustic booth for speech processing research.

MSc Advanced Computer Science
Accredited by the British Computer Society

Turn your fascination with how things work into a successful career in business or industry. We'll give you an advanced education in the most up-to-date aspects of computer science and software engineering, informed by our wide-ranging research interests. Innovative project work will teach you how to apply your knowledge in the real world.

Entry requirements

Minimum 2:1 honours degree in computer science or a closely related subject. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Object-Oriented Programming and Software Design; Research Methods and Professional Issues; Dissertation Project; Machine Learning and Adaptive Intelligence; Team Software Project.

Examples of optional modules

Text Processing; Modelling and Simulation of Natural Systems; Speech Processing; Theory of Distributed Systems; 3D Computer Graphics; Computer Security and Forensics; Testing and Verification in Safety-Critical Systems; The Intelligent Web; Software and Hardware Verification; Software Development for Mobile Devices; Speech Technology; Natural Language Processing; Network Performance Analysis; Parallel Computing with Graphical Processing Units (GPUs); Software Re-Engineering.

Teaching and assessment

We use lectures, tutorials and group work. Assessment is by formal examinations, coursework assignments and a dissertation.

MSc(Eng) Advanced Software Engineering
Accredited by the British Computer Society

We teach you how to build robust, effective software systems, and how to critique and evaluate the latest software engineering techniques. Through project work, you'll learn how to apply your knowledge in the real world.

Genesys: student-led software development

Our masters students run Genesys as a professional software development organisation, forming customer-facing teams to build custom web applications. Students have the opportunity to engage with real customers and work in a team in a professional software engineering environment.

Entry requirements

Minimum 2:1 honours degree in computer science, software engineering or a closely related subject. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Object-Oriented Programming and Software Design; Testing and Verification in Safety-Critical Systems; Software Development for Mobile Devices; Introduction to Genesys; Research Methods and Professional Issues; Dissertation Project.

Optional modules

The Genesys Project; Computer Security and Forensics; The Intelligent Web; Software and Hardware Verification; Software Re-Engineering; Parallel Computing with Graphical Processing Units (GPUs).

Teaching and assessment

We use lectures, tutorial and group work. You can also learn on the job through Genesys. Assessment is by formal examinations, coursework assignments and a dissertation.

MSc Computer Science with Speech and Language Processing
Accredited by the British Computer Society

Speech and language technology graduates are in demand in areas like machine translation, document indexing and retrieval, and speech recognition. Our world-leading speech and language research staff will help you to develop the skills you need.

Entry requirements

Minimum 2:1 honours degree in a relevant field such as computer science, engineering, linguistics, mathematics or psychology. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Text Processing; Speech Processing; Speech Technology; Machine Learning and Adaptive Intelligence; Natural Language Processing; Research Methods and Professional Issues; Team Software Project; Dissertation Project.

Optional modules

Students have the option to take either Software Development for Mobile Devices, or Object-Oriented Programming and Software Design.

Teaching and assessment

We use lectures, tutorials and group work. Assessment is by formal examinations, coursework assignments and a dissertation.



“Within three months of starting the course I secured a graduate placement as a Technology Analyst at Barclays for after my masters, which I would not have got if I had not studied this course!”

Ashleigh Randall
MSc Data Analytics

MSc Cybersecurity and Artificial Intelligence

This course combines two disciplines: cybersecurity and artificial intelligence (AI). Cybersecurity is one of the most pressing problems of our time and artificial intelligence has made great advances in recent years. Skills in both areas are very much in demand. You will receive a grounding in the fundamentals of cybersecurity and AI. There are taught modules in each of these disciplines and you'll carry out a project that addresses a research problem (or problems) at the interface of the two.

Entry requirements

Minimum 2:1 honours degree, or equivalent, in a relevant discipline (computer science or a numerate discipline with experience of software systems development). You will also have studied mathematics to grade A at A Level (or equivalent).

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Machine Learning and Adaptive Intelligence; Scalable Machine Learning; Text Processing; Natural Language Processing; Fundamental Security Properties and Mechanisms, Development of Secure Software; Cyber Threat Hunting and Digital Forensics; Security of Control and Embedded Systems; Cybersecurity and Artificial Intelligence Dissertation Project.



Teaching and assessment

We use lectures, online technical content, tutorials, practical lab sessions and seminars led by staff from external organisations. Assessment is by formal examinations, coursework, mini team project, practical assessment, podcast and poster development, and a research project dissertation.

MSc Data Analytics

The MSc Data Analytics is designed for students with a numerate background (for example a first degree in mathematics, economics, accounting, engineering, physics or chemistry) as well as graduates already working in industry.

The programme focuses on managing vast amounts of information and transforming it into actionable knowledge. It teaches the key skills that are required to carry out practical analysis of the types of data sets that need to be interpreted in the modern world. These include large data sets as well as structured and unstructured data. The programme makes use of techniques developed within a range of disciplines, including computer science, artificial intelligence, mathematics and statistics.

Entry requirements

Minimum 2:1 honours degree in a numerate discipline (mathematics, economics, accounting, engineering, physics, chemistry) and A Level mathematics. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Scalable Machine Learning; Text Processing; Machine Learning and Adaptive Intelligence; Natural Language Processing; Industrial Team Project; Individual Data Analytics Dissertation; Professional Issues; Statistical Data Science in R.

Optional modules

Students have the option to take either Computer Security and Forensics, or Parallel Computing with Graphical Processing Units (GPUs).

Teaching and assessment

We use lectures, tutorials and group work. Assessment is by formal examinations, coursework assignments and a dissertation.

MSc Software Systems and Internet Technology

Accredited by the British Computer Society

If your first degree is in another subject but you want a career in computing, this course is for you. It will give you a solid grounding in software systems engineering and current topics in internet computing.

Entry requirements

Minimum 2:1 honours degree in an engineering or science subject. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Foundations of Object-Oriented Programming; Network and Internetwork Architectures; Professional Issues; Software Engineering for Internet Technology; Team Project (SSIT); Advanced Java Programming; Web Technologies; Software Re-Engineering; Dissertation Project.

Examples of optional modules

Not available on this course.

Teaching and assessment

We use lectures, tutorials and group work. Assessment is by formal examinations, coursework assignments and a dissertation.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

+44 (0)114 222 1800

msc-compsci@sheffield.ac.uk



“The course is well organised, all sessions are interactive and very informative. I love lab sessions where I can improve my clinical skills by practising on extracted teeth and a model jaw. The supervisors are very helpful and their feedback helps me increase my knowledge and improve my skills.”

Musliana Binti Mustaffa
DClinDent Endodontics

Clinical Dentistry

www.sheffield.ac.uk/dentalschool
dentalpgtadmissions@sheffield.ac.uk
+44 (0)114 215 9318

Dental professionals from all over the world come to Sheffield for postgraduate courses that enhance their careers.

Course	Duration
DClinDent Endodontics	3 yrs FT
DClinDent Periodontics	3 yrs FT
DClinDent Prosthodontics	3 yrs FT
MClindent Orthodontics	2 yrs FT
DClinDent Orthodontics	3 yrs FT
MClindent Paediatric Dentistry	2 yrs FT
DClinDent Paediatric Dentistry	3 yrs FT
Master Dental Public Health (MDPH)	1 yr FT / 2 yrs PT
MClindent International Dental Public Health	2 yrs FT
MMedSci Diagnostic Oral Pathology	1 yr FT
MSc Dental Materials Science	1 yr FT
MSc Dental Technology	1 yr FT

We offer a range of masters and taught doctorate courses, both clinical and non-clinical.

Receive the very best support

We pride ourselves on offering the very best personal and professional support to our students. We believe in you, and our staff are dedicated to providing a supportive environment in which you can develop and flourish.

The support that we provide means that our students are highly satisfied with their experience of studying here – as we hope you will be. Many of our postgraduate students go on to study for a PhD with us, or even become staff members.

Learn the latest research developments

It is our mission to have a positive impact on oral health and wellbeing across the world, by combining excellent education with world-leading research.

We offer you research-led teaching, meaning that what you study on your course will be based on the latest findings of our academic research team.

We're one of the top ten Russell Group universities for research output, and we take a highly multidisciplinary approach. We bring together biomedical, engineering and social science experts across a range of research areas which underpins our teaching and aims to advance clinical excellence.

Excellent facilities

We aim to provide a stimulating interdisciplinary environment, with access to first-rate facilities. The School of Clinical Dentistry has research facilities and laboratories for tissue culture, molecular biology, materials science, histology-microscopy and electrophysiology, all with dedicated technical support.

We pride ourselves on being a leader in dentistry teaching and research, and the introduction of our virtual reality simulation suite is an example of our commitment to this goal. In our simulation suite, haptic technology allows you to use virtual dental instruments on virtual teeth, and feel force-feedback as you do so.

The virtual reality suite allows our students to develop skills in operative dentistry, endodontics, implantology and more, complementing what you learn from clinical skills environments and patient clinics.

We have a very close working relationship with the adjacent Charles Clifford Dental Hospital, a specialist facility offering dental services to people in Sheffield and surrounding areas. This relationship enables us to translate our world-leading research into the clinical environment, working with real patients.

DClinDent Endodontics
DClinDent Periodontics
DClinDent Prosthodontics

The DClinDent is suited to all dentists that wish to pursue specialist training in one of the restorative monospecialties and wish to prepare for the specialty membership examinations in endodontics, periodontology and prosthodontics of The Faculty of Dental Surgery of The Royal College of Surgeons of Edinburgh (RCSEd).

Candidates will have the opportunity to acquire knowledge and critical awareness of the issues that determine successful outcomes, informed by the latest research in restorative dentistry, in accordance with the requirements of the UK's GDC specialist curricula. We will foster your ability to make sound judgements in complex and unpredictable situations, so you can plan and implement tasks at a professional level. You will learn how to communicate clearly and professionally to specialist and non-specialist audiences

Distinct and carefully mapped opportunities to work and interact with colleagues in the other two restorative disciplines and other hospital trainees will give doctorate students the opportunity to develop their skills in a multi-disciplinary environment.

Final year students (Year 3) can choose to sit a conjoint examination where successful candidates will be awarded the degree of DClinDent and specialty membership (RCSEd) in one of the designated specialisms of restorative dentistry: endodontics, periodontics or prosthodontics.

Entry requirements

You must have a university-accredited degree in dental surgery that enables the practice of dentistry and a minimum of two years' post-qualification experience in any sphere of restorative dentistry, including general dental practice.

You must also meet our health and Disclosure and Barring Service requirements for clinical courses.

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.0 in each component, or equivalent.

Core modules

Year 1: Principles of Periodontal Treatment; Principles of Endodontic Treatment; Principles of Conservative Dentistry; Management of the Partially Dentate Patient;

Research Project: Literature Review; Clinical Practice Programme: New Patient I.

Year 2: Research Methods in Clinical Dentistry; Principles of Clinical Management; Clinical Practice Programme: New Patient II; Research Project: Experimental Work Data Collection; Clinical Practice Programme: Treatment of Own Patients; Speciality Programme in endodontics, periodontics, or prosthodontics.

Year 3: Clinical Practice Programme: New Patient 3; Research Project: Completion and Write Up; Clinical Practice Programme: Treatment of Own Patients; Speciality Programme in endodontics, periodontics, or prosthodontics.

Teaching

Lectures, tutorials, seminars, demonstrations, clinical skills laboratory sessions, case-based discussion, extensive practical clinical experience.

Assessment

Competency-based continuous clinical assessments, formal examinations, oral presentations, written assignments, research project.

MClinDent Orthodontics
DClinDent Orthodontics

This course teaches the academic and clinical skills you need to practise orthodontics. You'll develop an evidence-based, critical approach to this specialism and to general clinical dentistry. A focus on research skills will give you the confidence to complete future clinical or laboratory-based research programmes.

The programme includes all the features of the first two years of the Curriculum and Specialist Training Programme in Orthodontics approved by the UK General Dental Council.

Entry requirements

You need a primary university dental degree from a recognised institution, and a minimum of two years' post-qualification clinical experience. You must also meet our health and Disclosure and Barring Service requirements for clinical courses.

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.0 in each component, or equivalent.

Core modules for both programmes

Research Methods in Clinical Dentistry; Principles of Clinical Management; Introduction to Statistics;

Principles of Clinical Orthodontics II; Orthodontic Case Studies.

Additional core modules for MClinDent Orthodontics

Principles of Clinical Orthodontics I; Orthodontic Dissertation.

Additional core modules for DClinDent Orthodontics

Systematic Reviews and Evidence Synthesis Principles; Research Project Literature Review; Principles of Clinical Orthodontic Practice I; Clinical Orthodontic Practice Programme I, II and III; Orthodontic Thesis.

Teaching

Lectures, tutorials, seminars, online learning, demonstrations, clinical sessions, laboratory and typodont exercises. Working with a number of patients, you'll get extensive practical clinical experience in the use of fixed, removable and functional appliances.

Assessment

Continuous assessment, final examination with clinical and academic components, dissertation based on research project, presentation of selected patient records.

MClinDent Paediatric Dentistry
DClinDent Paediatric Dentistry

This course is taught by leading experts in paediatric dentistry, and aims to provide the academic and clinical skills you need to practise. You will develop an evidence-based and critical approach to this specialism and to general clinical dentistry. A focus on research skills will give you the confidence to complete future clinical or laboratory-based research programmes. In addition, the curriculum and clinical training provided by this course would allow those who wish to sit the Intercollegiate Membership in Paediatric Dentistry or the Surgical Royal Colleges.

Entry requirements

You need a basic dental qualification, and a minimum of two years' post-qualification clinical experience. MFDS or FDS is essential for UK students, and desirable if you are based elsewhere.

English language requirements

You must also meet our health and Disclosure and Barring Service requirements for clinical courses.

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.0 in each component, or equivalent.

Core modules for both programmes

Research Methods in Clinical Dentistry; Principles of Clinical Management; Selecting Dental Materials for Clinical Application; Dental Public Health: Foundation and Theory; Principles of Paediatric Dentistry I and II; Paediatric Dentistry Case Studies.

Additional core modules for MClinDent Paediatric Dentistry

Paediatric Dentistry Clinical Practice; Paediatric Dentistry Dissertation.

Additional core modules for DClinDent Paediatric Dentistry

Systematic Reviews and Evidence Synthesis Principles; Research Project Literature Review; Clinical Paediatric Dentistry Practice Programme I, II and III; Introduction to Statistics; Paediatric Dentistry Thesis.

Teaching

Lectures, tutorials, seminars, demonstrations, clinical skills laboratory sessions, case-based discussion, extensive practical clinical experience. Parts of the course are taught with other disciplines. This creates a rich and lively environment for your learning.

Assessment

Continuous assessment, examinations with clinical and academic components, dissertation based on a research project, presentation of selected patients.

MClinDent International Dental Public Health

This course includes a field trip to Brazil to gain practical experience. We aim to equip you with critical awareness and knowledge of the theory and fundamental principles of dental public health practice. You will develop the ability to critically analyse dental public health problems and develop practical solutions using multidisciplinary and evidence-based approaches to protect and promote population oral health.

You will also develop the practical skills to act as an independent dental public health practitioner in different international social contexts, using health promotion strategies, social change programmes and effective planning of primary dental care services.

Entry requirements

A recognised dental qualification with at least one year of postgraduate experience.

You must also meet our health and Disclosure and Barring Service requirements for clinical courses.

English language requirements

Overall IELTS score of 6.5 with a minimum of 5.5 in each component, or equivalent.

Core modules

Introduction to Public Health; Dental Public Health: Foundation and Theory; Health Promotion; Dental Public Health: Application and Critique; Research Methods in Clinical Dentistry; Health and Social Justice; Sociology of Health and Illness; Introduction to Statistics; Dissertation; Dental Public Health: International Practice; Managing Social Change; Fieldwork Research Project.

Teaching

Teaching is through lectures, student-led seminars, tutorials, independent study, dissertation, problem-solving activities, observational work and practical activities in primary care units through an international field trip.

Assessment

Formal examinations, coursework assignments, oral presentations, dissertation, fieldwork report.

Master Dental Public Health (MDPH)

On this course, you'll develop an in-depth understanding of dental public health practice. Apply your understanding to the challenges in the delivery, planning and management of health services. You'll learn how to critically analyse problems and find practical solutions that protect and promote oral health. This course often produces the researchers of the future, with many students progressing to study for a PhD.

Entry requirements

A dental degree, health-related degree or evidence of adequate experience with at least one year's postgraduate experience.

English language requirements

Overall IELTS score of 6.5 with a minimum of 5.5 in each component, or equivalent.

Core modules

Introduction to Public Health; Dental Public Health: Foundation and Theory; Health Promotion; Dental Public Health: Application and Critique; Research Methods in Clinical Dentistry; Sociology of Health and Illness; Introduction to Statistics; Health and Social Justice; Dissertation.

Teaching

You'll learn from lectures, small group work, independent study and an applied research dissertation. Parts of the course are taught with students from other programmes. This creates a rich and lively environment for your learning.

Assessment

Formal examinations, coursework assignments, dissertation.

MMedSci Diagnostic Oral Pathology

This is the only course in the UK in this specialist field. The course aims to give you a critical, systematic understanding of oral pathological conditions that require diagnosis by histopathological methods. You'll study the laboratory methods used to prepare oral diagnostic material for histopathological examination and the research tools used to advance the practice of diagnostic oral pathology.

We teach you competence in the microscopical diagnosis of common and significant oral pathological lesions. You'll learn when further information or additional procedures are needed to confirm a diagnosis. The course is taught by experienced senior oral and maxillofacial pathologists and scientists with international reputations.

Entry requirements

You need a recognised dental qualification. You must have at least one year's postgraduate experience in a relevant clinical discipline.

English language requirements

Overall IELTS score of 6.5 with a minimum of 5.5 in each component, or equivalent.

Core modules

Basic Principles of Pathology; Basic Techniques in Histopathology; Research Problems and Approaches; Laboratory Research Methods; Diagnostic Oral Pathology; Tissue Engineering; Advanced Oral Histopathology; Dissertation.

Teaching

Teaching is through an induction period, supervised reporting, staff and student-led seminars, practical laboratory techniques, lectures, literature review, dissertation, independent directed self-study.

Assessment

You'll be assessed through introductory multi-choice assessment, examinations at the



end of each semester consisting of written papers and a microscope-based exam, assessed essays and presentations at journal clubs and seminars, dissertation project.

MSc Dental Materials Science

This non-clinical course is run jointly with the Faculty of Engineering. It gives you a comprehensive education in basic materials science and the use of materials in dentistry and surgery.

You'll be taught by some of the leading academics in the fields of bio and dental materials science, tissue engineering, materials characterisation and biomedical engineering. You'll also learn the principles of research and different techniques for evaluating dental materials and related health technologies.

Entry requirements

You'll need a dental or medical degree, or a minimum of a 2:1 honours degree in science or engineering. Other degree-level qualifications may be suitable so please contact us for advice.

English language requirements

Overall IELTS score of 6.5 with a minimum of 5.5 in each component, or equivalent.

Core modules

Tissue Engineering; Dental Materials Science; Selecting Dental Materials for Clinical Applications; Research Problems and Approaches; Structural and Physical

Properties of Dental and Biomaterials; Dental Technology I.; Introduction to Digital Dentistry and Dental Manufacturing; Biomaterials II; Dissertation.

Teaching

Teaching is through lectures, seminars and tutorials, personal academic study and self-directed learning, research project.

Assessment

You'll be assessed on assignments, coursework, examination and research project dissertation.

MSc Dental Technology

This course blends traditional techniques with advanced manufacturing techniques, and is well suited to dental technicians and clinical professionals who have suitable training in basic dental technology. You'll focus on the provision of highly advanced and technically demanding dental appliances and medical devices. After training in research methods, you'll conduct a research project of your own.

The course has a flexible modular structure, enabling it to meet a wide range of student needs.

Entry requirements

A degree in dental technology or a relevant subject such as biomedical science or bioengineering. Ideally two years post-training experience in dental technology and be able to demonstrate advanced technical expertise in the field.

If you don't have a degree, we'll accept an equivalent recognised professional qualification in dental technology.

English language requirements

Overall IELTS score of 6.5 with a minimum of 5.5 in each component, or equivalent.

Core modules

Dental Technology I and II; Introduction to Digital Dentistry and Dental Manufacturing; Dental Materials Science; Research Problems and Approaches; Dental Laboratory Governance; Research Methods in Clinical Dentistry; Research Project.

Teaching

There are lectures, seminars, tutorials and practical classes.

Assessment

You'll be assessed on written assignments and examinations, practical laboratory work and objective structured practical examinations (OSPE).

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

+44 (0)114 215 9318
study@sheffield.ac.uk



"I decided to study for my masters degree in the UK and my tutor recommended the East Asian Studies department at the University of Sheffield. After reading about the University and the courses I realised the Msc East Asian Business was perfect for me and could help me find employment in China in the future."

Yu Yang
 Msc East Asian Business

East Asian Studies

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

Our courses focus on politics, society, business, culture and language in China, Japan and Korea. Your masters will prepare you for an international career.

Course	Duration
MSc East Asian Business	1 yr FT
MA Politics and Media in East Asia	1 yr FT
MA International Relations and East Asia	1 yr FT / 2 yrs PT

Your career

Our graduates hold influential positions in business, government, the arts and academia. Some of them are journalists, television producers, interpreters and translators. Others are city brokers and analysts. They work for organisations such as the BBC World Service, BNP Paribas, British Council, British Museum, Deloitte, HarperCollins, Jaguar Land Rover, Lloyds Banking Group, Nintendo, Siemens, Sony, Toyota and the World Food Programme.

Our expertise

We are one of Europe's leading centres for the study of China, Japan and Korea. We have links with partner universities in East Asia that support our dynamic research culture. Our academics bring theories, methods and findings from their research to their teaching. Our interdisciplinary research clusters

inform what we teach. They are: East Asian Text and Culture; Movement(s), Economy and Development in East Asia; Power, Cooperation and Competition in East Asia.

The Sheffield Confucius Institute, which was named Global Confucius Institute of the year in 2015, explores Chinese language and culture. The institute offers many opportunities for students to get involved in its activities which will help enhance their learning and deepen their cultural understanding of China.

Develop your skills

You'll learn how to research and analyse, manage projects, write reports and give effective presentations. You will also have the opportunity to take language modules in Chinese, Japanese or Korean if you wish. Your in-depth knowledge of East Asian countries and your understanding of the region will give you an edge in the careers market.

Specialist resources

Our postgraduates have their own study space and IT facilities within the School. The University's libraries have an extensive selection of texts and online resources in Chinese, Japanese and Korean.

Global learning opportunities

Global Learning Opportunities in the Social Sciences (GLOSS) gives students from the faculty the chance to engage with international policy makers and work in the field of international development. www.sheffield.ac.uk/gloss/about

Options

You can study a shorter course for a Postgraduate Certificate (four months, 60 credits) or Postgraduate Diploma (nine months, 120 credits). You'll need 180 credits to get a masters degree, including 60 credits from your extended project.

Entry requirements

For all our degrees you will need a good first degree in any subject. This will normally mean a 2:1 from a university in the UK. For equivalent grades for your country, visit www.sheffield.ac.uk/international

Native speakers of Chinese, Japanese or Korean are welcome to apply to any of our courses but won't be able to take optional language modules in their native language.

English language requirements

Overall IELTS score of 6.5 with a minimum of 5.5 in Reading, 6.5 in Writing, 5.5 in Listening and 5.5 in Speaking, or equivalent.

MSc East Asian Business

On this course we focus on business practices and systems in East Asia, namely China, Japan and Korea.

You'll develop a thorough understanding of the Asian business environment and how it is shaped by domestic and social change, globalisation and political developments. Through optional modules you will have the opportunity to focus on one particular East Asian country or keep your knowledge broad depending on your interests and career goals.

Core modules

Work and Organisation in East Asia; Negotiation and Intercultural Communication; Project; International Business and East Asia.

Examples of optional modules

Choose from a range of optional modules which may include Political Economy of China; Contemporary Chinese Business and Management; Business and the Economy of Japan; International Human Resource Studies; International Management.

Teaching and assessment

There are lectures and small-group seminars. You'll be assessed on your essays, exams, presentations and an extended project.

MA Politics and Media in East Asia

This course offers comprehensive training addressing both international political issues and media trends in East Asia. You will learn about major international and domestic political trends in the region, while developing a comprehensive understanding of the role media plays in these developments.

Core modules

International Politics of East Asia: Media, Culture, and Society in East Asia: Project.

Examples of optional modules

Choose from a range of modules which may include: Contemporary Chinese Society and Media; Media and Public Communication in Japan; Global Governance and Japan; The Political Economy of China.

Teaching and assessment

There are lectures and small-group seminars. You'll be assessed on your essays, exams, presentations and an extended project.

MA International Relations and East Asia

This course will explore key issues within international relations and global politics with a particular focus on the East Asia region. You will learn about the major structures and ideas shaping international politics in East Asia such as changing power dynamics and regional identity.

The course is jointly run by the Department of Politics and School of East Asian Studies so you will be taught by leading experts from both departments.

Core modules

International Politics of East Asia; Research and Dissertation Preparation; Dissertation

Examples of optional modules

The Political Economy of China; Global Governance and Japan; Global Health and Global Politics; Contemporary Global Security; Terrorism and Political Violence; Chinese, Japanese, Korean Language

Teaching and assessment

There are lectures and small-group seminars. You'll be assessed on your essays, policy briefing papers, exams, presentations, a group project and a dissertation.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

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



Professor Hugo Dobson

Teaches: Global Governance and Japan, plus Japanese language teaching.

"I'm interested in the role of global summits like the G7 and G20. In particular, I'm interested in understanding how countries like Japan as a 'risen' power, China as a 'rising' power and Korea as a 'middle power' engage with these summits."

"Personally, attaining an MSc had been an objective of mine for a long time and Sheffield seemed like the right place to do it. The MSc Economics and Public Policy aligned perfectly with my objective: improving my statistical and econometric skills required for evaluating public policies."

Mwanda Phiri
MSc Economics and Public Policy

Economics

www.sheffield.ac.uk/economics
economics-admissions@sheffield.ac.uk
+44 (0)114 222 3456

Train as a professional economist to understand and apply techniques that make a real difference in the world.

Course	Duration
MSc Economics	1 yr FT / 2 yrs PT
MSc Economics and Health Economics	1 yr FT / 2 yrs PT
MSc Economics and Public Policy	1 yr FT / 2 yrs PT
MSc Money, Banking and Finance	1 yr FT / 2 yrs PT
MSc International Finance and Economics	1 yr FT / 2 yrs PT
MSc Financial Economics	1 yr FT / 2 yrs PT
MSc Finance	1 yr FT / 2 yrs PT
MSc Business Finance and Economics	1 yr FT / 2 yrs PT

Our in-demand graduates are employed by the Bank of America, Deloitte, BP and the Department for Work and Pensions.

Your career

Our masters courses will train you for a career as a professional economist. Employers in a wide range of sectors are looking for economics graduates with postgraduate qualifications.

Our courses allow you to specialise in a number of different areas, including financial economics, health economics and public policy. If you want to advance your knowledge and career in one of these areas, Sheffield is one of the best places in the UK.

You'll get advice on your career, dedicated employability support, plus access to opportunities such as internships that can significantly enhance your career.

Recent graduates have taken economist jobs in finance and consultancy with employers such as the Bank of America and Deloitte. Some work in government departments in the the UK such as the Department for Health and Social Care, others work in the public sector overseas. Some graduates go on to do a PhD and work in academia or in research.

Our research influences policy

You will be taught by some of the top economic experts in their field, people who care passionately about their subject. Our research influences and informs real economic policy. Our staff advise government departments in the UK such as the Department for Education and the Low Pay Commission.

The SF6D utility index for valuing health status was developed at Sheffield. This index is used by decision-makers around the world to evaluate the cost effectiveness of health care interventions.

A collegiate economics community

We're one of the few standalone economics departments in the north of England and we're not part of a large business school. This means you will be part of an economics community, where you will get to know your tutors personally and build friendships with other students on our masters courses.



Dr Mark Bryan

Dr Mark Bryan is an expert in labour economics, micro-econometrics and wellbeing. He has advised the UK government on issues such as the minimum wage and the impact of the recession.

He is a co-investigator on a Health Foundation project on the social and economic value of health. Mark teaches on the module Public Policy Evaluation which explores techniques to find out the direct causal effect of a given government policy, identifying the difference between what actually happened and what would have happened without the policy.

Facilities

You'll be based near the heart of the campus. You will have access to the latest economics computer software such as STATA and MATLAB. Our building is close to The Diamond and the Information Commons which are excellent areas for private study with access to the latest economics books and journals.

Global learning opportunities

Global Learning Opportunities in the Social Sciences (GLOSS) gives students from the faculty the chance to engage with international policy makers and work in the field of international development. www.sheffield.ac.uk/gloss/about

Internships

Students in the Faculty of Social Sciences can apply to take part in the Postgraduate Advantage Scheme: 100-hour internships to enhance your CV and gain practical work experience during your degree. Students receive a bursary to cover expenses. www.sheffield.ac.uk/careers/jobs/pas

Our courses

We offer a range of masters courses, both full-time and part-time. All of our courses give you a thorough technical grounding in economic theory and the techniques of applied economic analysis.

For each course you'll need to take eight taught modules over two semesters, four in each. Modules will be taught mainly through lectures, tutorials and computer labs. Assessment is mostly by exams but also includes some coursework.

The compulsory dissertation gives you the chance to conduct your own research over a ten-week period, developing your independent research and analysis skills.

Entry requirements

A 2:1 degree in economics. A 2:2 degree is also acceptable for MSc Economics and Public Policy. We'll also consider students from other degrees with strong economics, mathematics and/or statistics components. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

MSc Economics

Our flagship masters course is flexible, allowing you to choose modules in economics or finance whilst also giving you core analytical skills. This course prepares you for a career as an economist in finance, consultancy, the public sector or in research.

Core modules

Microeconomic Analysis; Macroeconomic Analysis; Econometric Methods; Applied Microeconometrics; Applied Macroeconometrics.

Examples of optional modules

Health Economics, Development Finance, Industrial Organisation, Public Economics, International Money and Finance, Monetary Economics.

MSc Economics and Health Economics

Run jointly with the School of Health and Related Research (SchARR), this specialist course will enable you to apply economic techniques to complex issues in the allocation of health care resources.

This course prepares you for a career as an economist in the health sector or in research.

Core modules

Microeconomic Analysis; Econometric Methods; Health Economics; Economic Evaluation of Health; Applied Microeconometrics; Health Service Research Methods; Valuing the Benefits of Health Care.

Examples of optional modules

Applied Macroeconometrics; Development Finance; Public Economics; Public Policy Evaluation.

MSc Economics and Public Policy

This course will enable you to specialise in public economics and designing and evaluating public policy. It prepares you for a career as an economist in the public sector or in research.

Core modules

Microeconomic Analysis; Macroeconomic Analysis; Econometric Methods; Applied Microeconometrics; Public Economics; Public Policy Evaluation.

Examples of optional modules

Modern Theory of Banking and Finance; Health Economics; Applied Macroeconometrics; Development Finance; Asset Pricing; Industrial Organisation; Monetary Economics; International Trade.

MSc Money, Banking and Finance

You will take specialist modules in finance, banking and monetary economics as well as learning core economic theory. This course equips you well for a career in banking, financial institutions and markets.

Core modules

Macroeconomic Analysis; Econometric Methods; Modern Theory of Banking and Finance; Modern Finance; International Money and Finance; Asset Pricing.

Examples of optional modules

Applied Microeconometrics; Applied Macroeconometrics; Development Finance; International Trade; Industrial Organisation; Monetary Economics; Public Economics; Public Policy Evaluation.

MSc International Finance and Economics

Expand your economics skills by specialising in understanding international finance and capital flows, the recent global financial crisis and emerging economies.

This course prepares you for a career as an economist at a multinational company or worldwide institution.

Core modules

Macroeconomic Analysis; Econometric Methods; Modern Theory of Banking and Finance; Modern Finance; Applied Macroeconometrics; Development Finance; International Money and Finance.

Examples of optional modules

Applied Microeconometrics; International Trade; Industrial Organisation; Monetary Economics; Asset Pricing; Public Economics; Public Policy Evaluation.

MSc Financial Economics

This course enables you to specialise in financial economics and managing assets while giving you the option to choose other finance or economic modules. It will prepare you for a career in financial corporations and government bodies involved with stock markets.

Core modules

Microeconomic Analysis; Macroeconomic Analysis; Econometric Methods; Modern Finance; Asset Pricing.

Examples of optional modules

Applied Microeconometrics; Applied Macroeconometrics; International Trade; Development Finance; International Money and Finance; Industrial Organisation; Monetary Economics; Public Economics; Public Policy Evaluation.

MSc Finance

This prestigious course will give you the edge in understanding corporate finance and pricing assets, and applying the latest economic principles. It will prepare you for a career in corporations and government bodies involved with stock markets, project investment and the finance industry.

Core modules

Modern Finance; Corporate Finance; Macroeconomic Analysis; Econometric Methods; Asset Pricing; Monetary Economics.

Examples of optional modules

Applied Microeconomics; Applied Macroeconomics; Development Finance; International Money and Finance; International Trade; Public Economics; Public Policy Evaluation.

MSc Business Finance and Economics

Develop your skills as an economist in business finance, gaining specialist skills in understanding the economic decisions facing businesses and managers in organisations.

This course prepares you for a career as an economist in commercial companies, consultancy or finance.

Core modules

Microeconomic Analysis; Macroeconomic Analysis; Econometric Methods; Modern Theory of Banking and Finance; Industrial Organisation; Business Finance; International Money and Finance.

Examples of optional modules

Applied Microeconometrics; Applied Macroeconometrics; Development Finance; International Trade; Public Economics; Public Policy Evaluation.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

Mrs Louise Harte

+44 (0)114 222 3456

✉ economics-admissions@sheffield.ac.uk



"I chose my degree because I'm really interested in macroeconomics and finance. After the global banking crisis of 2008, I wanted to learn about the consequences for our globalised world but also how to avoid such a crisis from happening again. My degree helped me to understand these aspects of economics and become a better economist."

Fazeela Khan
MSc International Finance and Economics



“The School of Education has provided so much support in addition to the excellent course and allowed me to develop a clear idea of my future career path.”

Yan Wu
MA in Education: Language and Education



Education

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

Course	Duration
Postgraduate Diploma in Education (PGDE)	36 wks FT

Full time	
MA Education	1 yr FT
MA Education: Early Childhood	1 yr FT
MA Psychology and Education	1 yr FT
MA Education: Language and Education	1 yr FT
MSc Psychology and Education (Conversion) (BPS Accredited)	1 yr FT

Part time	
MA Applied Professional Studies in Education	1–3 yrs PT
MA Education, Teaching and Learning	1–3 yrs PT (online)
MA Early Childhood Education	2–3 yrs PT distance learning
International Postgraduate Certificate in Education (iPGCE)	1 yr PT (online)

Doctoral programmes	
Doctor of Educational and Child Psychology	3 yrs FT
Edd programme	PT distance learning Part I: 2–4 yrs PT Part II: 2–4 yrs PT

UK No 1 for research impact

REF 2014

Join education professionals from all over the world for a postgraduate course that will advance your career.

Your career

We offer postgraduate courses that will launch your career in education or aid your continuing professional development.

Our graduates work in the UK and overseas in schools, universities, and local and national government. Some are teachers and lecturers. Others use their skills in policy development, education, administration, psychology and social work.

About us

We value creative teaching that challenges inequalities in the education system. We believe in increasing opportunities for education, for everyone. Our research has a direct impact on educational theory, policy and practice. We're supporting the development of children, families and learning communities through dedicated research clusters.

You'll learn from world-class academics such as Professor Tom Billington, Professor Elizabeth Wood and Professor Dan Goodley. Tom's research in critical educational

psychology has shifted the ways in which psychologists view young people. Elizabeth's work is internationally renowned for her critical interventions into the lives of young children, illuminating the significance of play in the well-being of young children. Dan's work on disability in education has been described as groundbreaking.

We host research symposia, seminars, conferences and workshops that reveal the latest findings and theoretical developments from our academics, often months before they're published. The University's library has online catalogues and databases, e-books and e-journals.

Global learning opportunities

Global Learning Opportunities in the Social Sciences (GLOSS) gives students from the faculty the chance to engage with international policy makers and work in the field of international development. www.sheffield.ac.uk/gloss/about

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent. Exceptions to this requirement are detailed in the relevant course descriptions.

Postgraduate Diploma in Education (PGDE)

Our graduates make great teachers. It's that simple. The Initial Teacher Education (ITE) course helps you develop an understanding of research, policies and practice relating to education in general and secondary education in particular. You'll analyse and reflect on what you learn to connect research with the classroom.

We teach an approach to your work that will stay with you throughout your career. Our graduates are dedicated to lifelong learning, developing their professional practice, and using classroom-based research. You'll learn everything the qualified teacher needs to know about planning, teaching, learning, assessing, policies and processes.

Routes offered

We offer a provider-led route plus School Direct with a choice of five different clusters of schools.

The routes are all quite similar, but the main differences for the School Direct routes are:

- You'll have your two school placements in the schools within the cluster that you are attached to, rather than in any school across the partnership.
- The schools in your cluster will have a greater input into the PGDE programme throughout the year.
- There will be a strong possibility of securing employment within the cluster of schools that you are attached to, subject to availability and suitability.

Entry requirements

A good honours degree (minimum 2:2, or for maths, physics and physics with maths applicants minimum class 3 with at least a grade B in the relevant A Level) in one of our teaching subjects or with a strong element of a teaching subject (see below).

You also need grade C in English Language and Mathematics at GCSE, or the equivalent. Candidates without these qualifications may either take the necessary examinations in the year before the course starts or take our entrance test in English and/or Mathematics.

You need to pass the professional skills tests before the start of the course. For equivalent grades for your country, visit www.sheffield.ac.uk/international

Subjects covered

English, geography, history, mathematics, languages, science with biology, chemistry or physics and physics with maths.

Age range

Secondary (11–19).

Teaching

You'll learn through seminars, group work, tutorials, individual consultations, practical activities. You'll spend 24 of the 36 weeks in schools.

Assessment

Continuous.

Masters credits

As well as a PGDE qualification and Qualified Teacher Status, you will have gained 120 Masters credits which you may wish to put towards study for an MA Applied Professional Studies in Education.

 **Apply**
www.ucas.com

These five MA courses make up the full-time MA Programme:

MA Education
MA Education: Early Childhood
MA Globalising Education: Policy and Practice
MA Psychology and Education
MA Education: Language and Education

Structure, teaching and assessment

All MA courses follow a similar pattern with two core modules (1 and 4) and two subject-specific modules (2 and 3).

Teaching and learning takes place via lectures, seminars, tutorials, discussion, active inquiry and investigations. Regular meetings with a personal tutor support and encourage your learning and understanding.

A weekly tutorial and a Study of Education course accompanies the taught modules.

There are no formal written examinations and assessment is by coursework and a 15–20,000-word dissertation.

Entry requirements

For all MA courses, a good honours degree in a related field is required. For equivalent grades for your country, visit www.sheffield.ac.uk/international

MA Education

During this one-year, full-time course you will explore theory and research relating to learning, teaching and assessment and educational policy. You may not have professional experience in teaching, but there is a school placement module in an educational setting as an optional part of this course (limited numbers).

Core modules

Critical Issues in Education and Educational Research; The Practice of Research; Dissertation.

Examples of optional modules

Choose two from: Reflections on Practice in Learning and Teaching; Globalisation and Education; Globalising Curriculum, Assessment and Pedagogy; Developmental Psychology; Psychology and Learning Communities; Early Childhood 1: Development, Learning and Curriculum; Early Childhood 2: Contemporary Issues in Early Childhood Education; Language Acquisition, Learning and Pedagogy; Language, Society and Education.

MA Education: Early Childhood

This one-year, full-time course covers a broad range of issues, encourages students to reflect on their experiences of current early childhood education policy and addresses theory and research relevant to their interests.

Core modules

Critical Issues in Education and Educational Research; Early Childhood 1: Development, Learning and Curriculum; Early Childhood 2: Contemporary Issues in Early Childhood Education; The Practice of Research; Dissertation.

MA Psychology and Education

This one-year, full-time course examines the challenges facing education in the 21st century, focusing particularly on psychological theory. You will look at the contribution of psychology to education policy and practice in changing international and global contexts.

Core modules

Critical Issues in Education and Educational Research; Developmental Psychology; Psychology and Learning Communities; The Practice of Research; Dissertation.

MA Language and Education

Designed for anyone interested in languages and education and the role of languages in society, this course covers a very broad field and will appeal to those working in language teaching and learning, both internationally and nationally, whether teaching English as a foreign language/second language, or teaching second or foreign languages. It will also appeal to those fascinated by the world of linguistics and sociolinguistics.

Core modules

Critical Issues in Education and Educational Research; Language Acquisition, Learning and Pedagogy; Language, Society and Education; Qualitative Methodologies in Educational Research; The Practice of Research; Dissertation.

MSc Psychology and Education (Conversion)

BPS Accredited

You will experience an innovative, critical, interdisciplinary, global approach to the study of educational psychology and learn the skills and techniques necessary to critically analyse psychological theory and research in real-life settings.

This MSc is a conversion course which provides Graduate Basis for Chartered Membership (GBC) of the British Psychological Society (BPS) providing you pass the empirical project and gain the equivalent of at least a 2:2 overall.

Core modules

Social, Historical, Cultural and Institutional Contexts of Psychology; Research Methods in Psychology and Education I; Research Methods in Psychology and Education II; Cognition, Psychology and Education; Neuroscience, Psychology and Education; Difference, Disability and Diversity in Psychology and Education; Learning and Development in Global Contexts; Social Psychology and Practice; Dissertation.

Assessment

We will use a variety of methods including essays and blog posts, portfolios and oral presentations, psychological lab reports and a research dissertation.

Entry requirements

At least a 2:1 with evidence of interest or experience relating to psychology and/or education.

www.sheffield.ac.uk/education/mscedupsy

MA Applied Professional Studies in Education

This is a distance learning course for those who hold a Postgraduate Diploma in Education (PGDE) with 120 valid credits. The programme will build on your PGDE learning, helping you to gain all the skills necessary to conduct a masters-level dissertation study in your own professional context.

We teach this course through a series of Saturday study schools. You'll also have one-to-one support for your dissertation from a personal tutor.

During the study schools you'll explore practitioner research methodologies, develop your project, and share and debate ideas in a supportive environment.

The study schools are complemented by online materials on research methods and methodologies. You can access expertise and support via email, Skype, phone calls or visits.

Entry requirements

You will need Qualified Teacher Status and a PGDE with 120 valid credits, or the equivalent.

English language requirements

IELTS 6.5, with a minimum of 6 in each component or equivalent.

Core modules

Dissertation (Educational Studies).

Teaching and assessment

Teaching takes place via a number of Saturday study schools, spread throughout the year, as well as individual tutor support. The dissertation is split into a 4,000-word proposal, followed by a 12,000–16,000-word dissertation.

MA Education, Teaching and Learning

This course is for practising teachers, classroom assistants, heads of department, and managers wanting to explore and deepen their professional practice through targeted reading and classroom-based practitioner research. The course is flexible, so you can focus on the topics most relevant to your job.

This fully online, three-year programme was developed to complement our highly successful iPGCE.

Entry requirements

A good honours degree and/or suitable professional experience. We consider all applications on the basis of relevant qualifications and experience. For equivalent grades for your country, visit

www.sheffield.ac.uk/international

Core modules

Education, Teaching and Learning; Practice-based Inquiry; Dissertation. Optional modules in Professional Development; Language Learning and Pedagogy; and Early Childhood Education.

Teaching

This programme comprises online modules with individual online tutorial support.

Assessment

The programme uses a variety of assessment methods, including academic essays, reflective engagement with practice, and research report. The length of the final dissertation is 12,000–16,000 words.

MA Early Childhood Education

This course blends distance learning with face-to-face teaching. It's open to everyone with an interest in early childhood education, including early years practitioners, FE and HE lecturers, teachers, nursery nurses, voluntary and independent providers, and inspectors and managers working in areas relevant to early childhood.

Wherever you are in the world, you'll develop the skills you need to carry out high-quality educational research relevant to your own culture. Those skills include a clearer understanding of the policies, practice and theories that underpin early childhood education and care. You'll discuss international approaches and educational change with leading experts.

Entry requirements

An honours degree, relevant experience in the field of early childhood education and care is desirable. If you don't have an undergraduate degree, you may be able to register for the diploma and transfer to a masters course when you've completed enough coursework. For equivalent grades for your country, visit www.sheffield.ac.uk/international

Core modules

Critical Perspectives on Early Childhood Education; Contemporary Issues in Early Childhood Education; Research Methods in Early Childhood Education; Leadership and Professional Knowledge; Dissertation.

Teaching

You'll study mostly at home, staying in contact with your tutor by telephone and email. You must attend three residential weekends in Sheffield during the two years of the course.

Assessment

Each module is assessed through a 6,000-word assignment. A final 15–20,000-word dissertation represents one-third of the MA (60 credits out of 180). On completion, you'll have the opportunity to apply for doctoral study on our Early Childhood Education EdD.

International Postgraduate Certificate in Education (iPGCE) (Online)

This course will help you develop a deep understanding of planning, teaching and assessment strategies, along with helping you to get the most out of new technologies. It will help you to develop links between practice, theory and research through reflection on your own teaching, in order to enhance your professional performance.

Entry requirements

A good honours degree or at least three years' experience within a field of education.

Core modules

Education, Teaching and Learning; Practice-based Inquiry.

Teaching

This programme will be taught via online modules with individual online tutorial support and independent study.

Assessment

Module one is assessed via two pieces of work (each 3,000 words). Module two consists of a report on a small-scale research project (equivalent to 6,000 words).

Apply

Applications for our masters and iPGCE can be made at: www.sheffield.ac.uk/education



Doctor of Educational and Child Psychology

This professional training course will give you the skills, competencies and HCPC registration required to practise as an educational psychologist. We teach you the theory and support your practice, so you'll be well prepared for your future career.

Entry requirements

You must have over one year of full-time (or equivalent) experience of working with children within educational, childcare or community settings. You will also need an honours degree in psychology that is recognised by the BPS for graduate membership.

For equivalent grades for your country, visit www.sheffield.ac.uk/international

Content

This programme is non-modular but will include: Developmental Psychology; Assessment and Intervention; The Education of Children with Additional Needs; Group Training for Support Staff; Professional Issues and over 300 days of supervised professional practice placements.

Teaching

A mix of placement, private study and teaching from tutors. Your usual weekly pattern will be:

Year 1: two days teaching, one day private study, two days work placement.

Year 2: one day teaching, one day private study, three days work placement.

Year 3: one day teaching or research, one day private study, three days work placement.

Assessment

Essays, practical work folders and a dissertation including research portfolio.

Apply

Application for funded entry into the University of Sheffield Educational Psychology Doctorate training programme is via the Association of Educational Psychologists (AEP) website. The application system for entry in September 2020 will open in September 2019. The application deadline is December 2019. Please see the AEP website for more details, developments and news.

www.aep.org.uk/training/

Self-funding applicants should apply directly to the University of Sheffield.

www.sheffield.ac.uk/postgraduate/research/apply

The Sheffield EdD

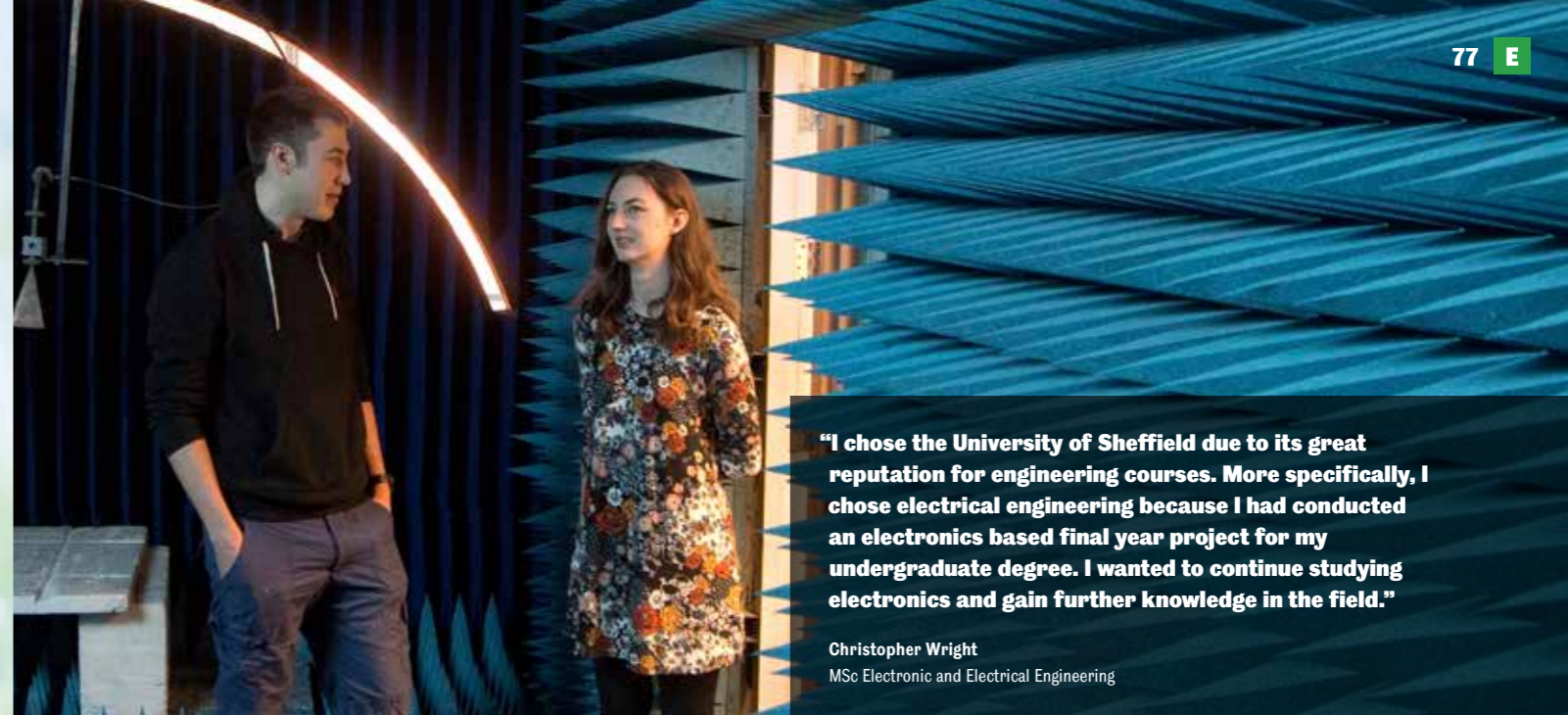
The Sheffield EdD is a vibrant and successful distance learning programme which attracts students from all over the world. The programme is based on a structure of study weekends, so you can study from anywhere at any time and also share experiences with fellow students at the weekend study schools. The main aim of the programme is that students develop their own high standards of research that will be relevant to a range of professional and managerial careers.

The EdD is divided into two Parts; Part 1 is the taught element of the course and runs over two years while Part 2 is the research component. In Part 1 students undertake modules which focus on research training in preparation for Part 2. In Part 2 students undertake an independent study in an area of their choice, under the supervision of their own personal supervisor.

www.sheffield.ac.uk/education/research-degrees/sheffieldd

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.5 in each component, or equivalent.



"I chose the University of Sheffield due to its great reputation for engineering courses. More specifically, I chose electrical engineering because I had conducted an electronics based final year project for my undergraduate degree. I wanted to continue studying electronics and gain further knowledge in the field."

Christopher Wright
MSc Electronic and Electrical Engineering

Electronic and Electrical Engineering

www.sheffield.ac.uk/eee
eee-mscreec@sheffield.ac.uk
+44 (0)114 222 5442

This is where brilliant ideas are turned into advanced technology. Our expert staff are at the top of their game.

Course	Duration
MSc(Eng) Electronic and Electrical Engineering	1 yr FT
MSc(Eng) Advanced Electrical Machines, Power Electronics and Drives	1 yr FT
MSc(Eng) Data Communications	1 yr FT
MSc Semiconductor Photonics and Electronics	1 yr FT
MSc Wireless Communication Systems	1 yr FT

UK top 5 for research

REF 2014

Our graduates are in demand

Many go to work in industry as engineers for large national and international companies, including ARUP, Ericsson Communications, HSBC, Rolls-Royce, Jaguar Land Rover and Intel Asia Pacific.

Real-world applications

This is a research environment. What we teach is based on the latest ideas. The work you do on your course is directly connected to real-world applications.

We work with government research laboratories, industrial companies and other prestigious universities. Significant funding from UK research councils, the European Union and industry means you have access to the best facilities.

How we teach

You'll be taught by academics who are leaders in their field. The 2014 Research Excellence Framework (REF) puts us among the UK top five for this subject. Our courses are centred on finding solutions to problems, in lectures, seminars, exercises and through project work.

Accreditation

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

First-class facilities

Semiconductor materials and devices
LED, laser photodetectors and transistor design, a high-tech field-emission gun transmission electron microscope (FEGTEM), a focused ion beam (FIB) milling facility, and electron beam lithographic equipment.

Our state-of-the-art semiconductor growth and processing equipment is housed in an extensive clean room complex as part of the EPSRC's National Epitaxy Facility.

Our investment in semiconductor research equipment in the last 12 months totals £5million.

Electrical machines and drives

Specialist facilities for the design and manufacture of electromagnetic machines, dynamometer test cells, a high-speed motor test pit, environmental test chambers, electronic packaging and EMC testing facilities, Rolls-Royce University Technology Centre for Advanced Electrical Machines and Drives.

'I chose to study for a master's degree at the University of Sheffield because of its excellent reputation and the course suited my interests very well. I studied the basics of Electrical & Electronic Engineering in my undergraduate degree, but I wanted to further focus on semiconductor photonics and gain more technical skills. The EEE department has first-class research facilities as well as lecturers and the course offers a wide range and in-depth knowledge for people like me.'

Yi Fan Liu
MSc Semiconductor Photonics and Electronics

Communications

Advanced anechoic chambers for antenna design and materials characterisation, a lab for calibrated RF dosimetry of tissue to assess pathogenic effects of electromagnetic radiation from mobile phones, extensive CAD electromagnetic analysis tools.

English language requirements

For all courses, overall IELTS grade of 6.5 with a minimum of 6.0 in each component, or equivalent.

MSc(Eng) Electronic and Electrical Engineering

Electronic and electrical engineering is a broad and rapidly expanding set of disciplines. Building on core teaching in electrical machines, electronic materials, and the way that electronic circuits interact, this course will allow you to choose from a wide range of optional modules from all our active research areas to tailor your learning in a way that meets with your requirements.

Entry requirements

A 2:1 honours degree in electronic and electrical engineering, physics, maths or any other branch of engineering involving significant mathematical competence. For equivalent grades for your country, visit www.sheffield.ac.uk/international

We will also consider your application if you have a 2:2 or equivalent, or industry experience.

Core modules

Major Research Project.

Examples of optional modules

AC Machines; Advanced Control of Electric Devices; Energy Storage Management; Motion Control and Servo Drives; Permanent Magnet Machines and Actuators; Power Electronic Converters; Power Semiconductor Devices; Advanced Computer Systems; Advanced Integrated Electronics; Advanced Signal Processing; Semiconductor Materials; Principles of Semiconductor Device Technology; Packaging and Reliability of Microsystems; Nanoscale Electronic Devices; Energy Efficient Semiconductor Devices; Optical Communication Devices and Systems; Computer Vision; Electronic Communication Technologies; Data Coding Techniques for Communications and Storage; Principles of Communications; Antennas, Propagation and Satellite Systems; Mobile Networks and Physical Layer Protocols; System Design; Broadband Wireless Techniques; Wireless Packet Data Networks and Protocols.

Teaching and assessment

We deliver research-led teaching with individual support for your research project and dissertation. Assessment is by examinations, coursework and a project dissertation with poster presentation.

MSc(Eng) Advanced Electrical Machines, Power Electronics and Drives

The deployment of power electronic converters and electrical machines continues to grow at a rapid rate in sectors such as hybrid and all-electric vehicles, aerospace, renewables and advanced industrial automation. In many of these applications, high performance components are combined into sophisticated motion control and energy management systems. This course will give you in-depth knowledge of the key component technologies and their integration into advanced systems.

Entry requirements

A 2:1 honours degree in electrical engineering, electronic engineering, computer science or similar field. For equivalent grades for your country, visit www.sheffield.ac.uk/international

We will also consider your application if you have a 2:2 or equivalent, or industry experience.

Core modules

Power Electronic Converters; AC Machines; Permanent Magnet Machines and Actuators; Motion Control and Servo Drives; Advanced Control of Electric Drives; Energy Storage

and Management; MSc Individual Project; Major Research Project.

Examples of optional modules

Power Semiconductor Devices; Advanced Signal Processing; Packaging and Reliability of Microsystems; Electronic Communication Technologies; Systems Design.

Teaching and assessment

You'll learn through research-led teaching, lectures, laboratories, seminars, tutorials and coursework exercises. Assessment is by examinations, coursework and a project dissertation with poster presentation.

MSc(Eng) Data Communications

Study the dynamic field of efficient information transfer around the globe. We teach this course jointly with the Department of Computer Science so you get up-to-date knowledge and understanding.

Entry requirements

A 2:1 honours degree in electronic engineering, computer science or physics field. For equivalent grades for your country, visit www.sheffield.ac.uk/international

We will also consider your application if you have a 2:2 or equivalent, or industry experience.

Core modules

Network and Inter-Network Architectures; Network Performance Analysis; Data Coding Techniques for Communications and Storage; Advanced Communication Principles; Mobile Networks and Physical Layer Protocols; (either) Foundations of Object-Oriented Programming (or) Object-Oriented Programming and Software Design; Major Research Project.

Examples of optional modules

Computer Security and Forensics; 3D Computer Graphics; Software Development for Mobile Devices; Cloud Computing; Advanced Signal Processing; Antennas, Propagation and Satellite Systems; Optical Communication Devices and Systems; Computer Vision; Broadband Wireless Techniques; Wireless Packet Data Networks and Protocols; System Design.

Teaching and assessment

We deliver research-led teaching with individual support for your research project and dissertation. Assessment is by examinations, coursework and a project dissertation with poster presentation.

MSc Semiconductor Photonics and Electronics

This course covers the fundamentals and cutting-edge research in areas such as GaN materials and devices (behind the solid state lighting LED revolution), nanoscaled materials and devices, and photonic device manufacture. You will develop a comprehensive understanding of the materials and device theory plus practical experimental skills in extensive semiconductor cleanroom labwork, giving you a competitive edge in the jobs market.

Entry requirements

A 2:1 honours degree in electronic and electrical engineering, physics, maths and other branches of engineering involving significant mathematical competence. For equivalent grades for your country, visit www.sheffield.ac.uk/international

If you have a 2:2 or equivalent, or industry experience, we'll give your application individual consideration.

Core modules

Semiconductor Materials; Principles of Semiconductor Device Technology; Packaging and Reliability of Microsystems; Nanoscale Electronic Devices; Energy Efficient Semiconductor Devices; Optical Communication Devices and Systems; Compound Semiconductor Device Manufacture; Major Research Project.

Teaching and assessment

Research-led teaching, lectures, laboratories, seminars and tutorials. A large practical module covers the design, manufacture and characterisation of a semiconductor component, such as a laser or light emitting diode. This involves background tutorials and hands-on practical work in the UK's National Epitaxy Facility. Assessment is by examinations, coursework or reports, and a dissertation with poster presentation.

MSc Wireless Communication Systems

Study the key design aspects of a modern wireless communication system, in particular cellular mobile radio systems. There is a current shortage of communications engineers with a comprehensive appreciation of wireless system design from RF through baseband to packet protocols.

Entry requirements

A 2:1 honours degree in electronic engineering, computer science, or a similar field. For equivalent grades for your country, visit www.sheffield.ac.uk/international

We will also consider your application if you have a 2:2 or equivalent, or industry experience.

Core modules

Advanced Signal Processing; Advanced Communication Principles; Antennas, Propagation and Satellite Systems; Mobile

Networks and Physical Layer Protocols; Broadband Wireless Techniques; Wireless Packet Data Networks and Protocols; Major Research Project.

Examples of optional modules

Data Coding Techniques for Communication and Storage; Optical Communication Devices and Systems; Computer Vision; Electronic Communication Technologies; Data Coding Techniques for Communication and Storage.

Teaching and assessment

Research-led teaching and an individual research project. Assessment is by examinations, coursework and a project dissertation with poster presentation.

Apply

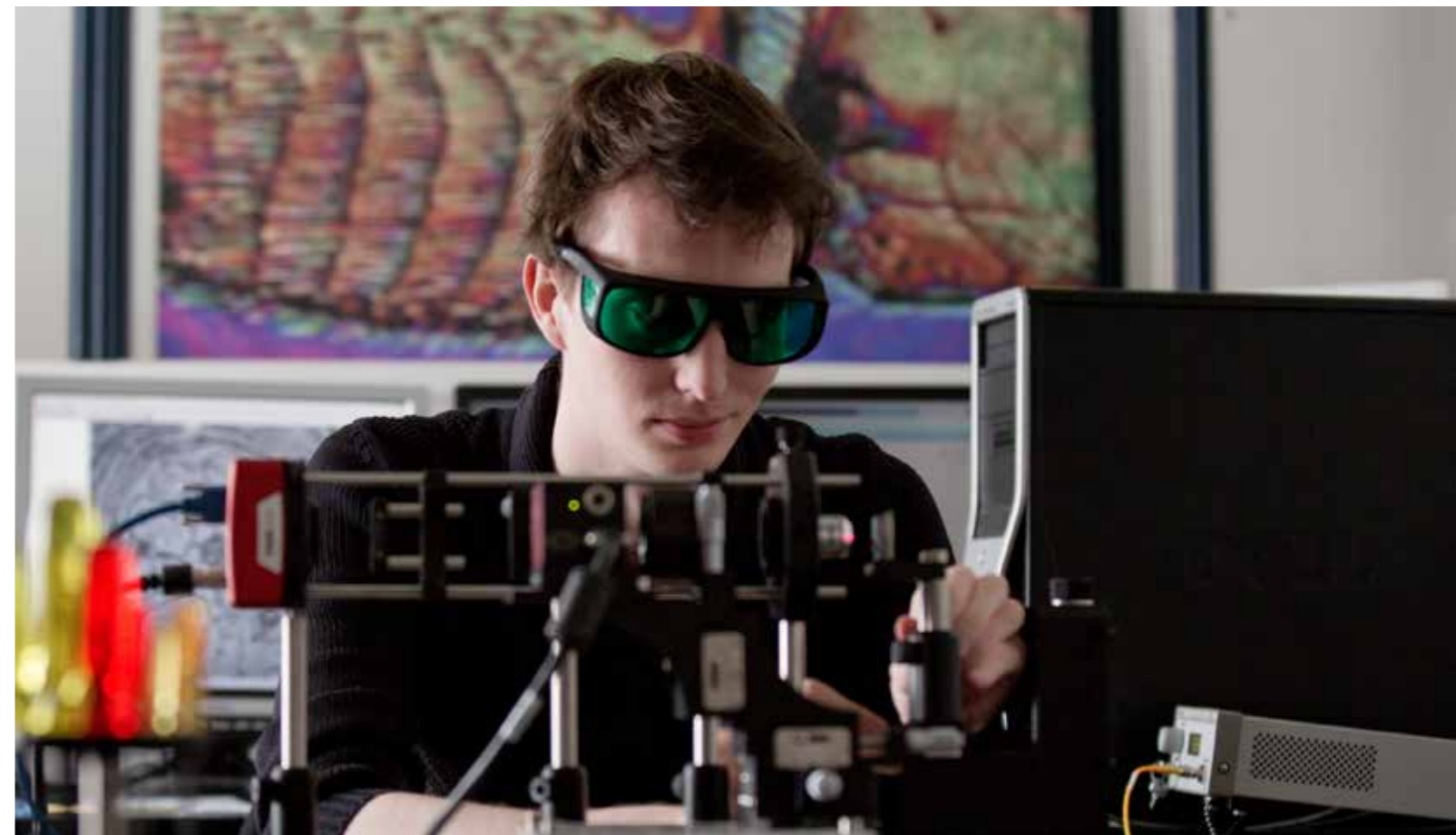
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If you'd like to know more about any aspect of our courses, contact us:

Dr Nathan Porter

+44 (0)114 222 5442

eee-msc@sheffield.ac.uk





"I'm an English as a Foreign Language (EFL) teacher, so this course is perfect for me. It's given me lots of ideas and techniques about how to teach certain skills in EFL, and taught me more about the way language works."

Amber Jay
Applied Linguistics with TESOL

English Language and Linguistics

www.sheffield.ac.uk/english
english.admissions@sheffield.ac.uk
 +44 (0)114 222 0220

Course	Duration
MA/Diploma Applied Linguistics with TESOL	1 yr FT / 2 yrs PT
MA English Language and Linguistics	1 yr FT / 2 yrs PT

You may also be interested in	Page
MA Cognitive Studies	152

Share your love of language with some of the most enthusiastic experts in the world.

Your career

Our graduates are working in teaching (primary, secondary, FE, HE and TESOL), publishing, marketing, libraries, fundraising, charities and the public sector. A masters from Sheffield is a sound basis for a PhD at any leading university.

How we teach

Our expertise covers all aspects of the subject, so whatever you're interested in you'll get the best possible advice and support. We provide training in research methods and you can choose to go on a work placement as part of your course.

You'll be taught by academics whose work is published internationally. Their specialisms include language acquisition, historical language studies, applied linguistics, literary linguistics, discourse analysis and sociolinguistics.

We have a lively research culture. Through lectures and weekly seminars we'll introduce you to the latest ideas. You'll have the opportunity to explore these ideas in your own research.

With the School of Languages and Cultures, we established the new University Centre for Linguistic Research to gather and support postgraduate linguistics research across the University.

Our resources

We have specialist recording equipment for fieldwork and experimental work. Interactive computer-based workshops will introduce you to corpus-linguistic technology.

The University library subscribes to several electronic databases including JStor, Early English Books Online and Eighteenth-Century Collections Online. For more advanced reading, there's a regular free minibus service to the British Library at Boston Spa.

MA/Diploma Applied Linguistics with TESOL

This course delivers advanced training in the theory and techniques of applied linguistics with an emphasis on second language acquisition. We also have expertise in related disciplines including sociolinguistics, critical discourse analysis and corpus linguistics, and in the field of TESOL we offer particular expertise in academic writing, ESP, materials design and testing. Our course includes options to take part in work placements and gain additional professional qualifications. Our graduates go on to advanced careers

in TESOL all over the world. They also work in business, publishing, translation and interpreting.

Entry requirements

Undergraduate degree at 2:1 or above in English or a related subject.

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.5 in writing, 6.0 in the other components, or equivalent.

Funding

There are a number of studentships and fee bursaries available, funded by either the University or the Arts and Humanities Research Council. Deadlines for funding applications are usually in winter/early spring. For details, see our website.

Core modules

Introduction to Language and Linguistics; English Grammar and Discourse; Language Teaching Methodology; Second Language Acquisition; Research Methods; Research Dissertation Practice; Curriculum, Materials, and Test Design; Dissertation (MA only).

Examples of optional modules

Corpus Linguistics; Current Issues in Second Language Acquisition; Discourse and Genre Analysis; English for Specific Purposes; Intercultural Communication; Researching Writing in TESOL; Teaching Practice; Theory and Practice of Language Teaching; World Englishes.

Teaching and assessment

You'll be taught by a dedicated and enthusiastic team of teachers. Our internationally recognised research feeds straight into our teaching, with students sometimes taking a hands-on role in our research activities. The staff are leading figures in their fields, in many cases having written the books and papers you will be studying: Kook-hee Gil (Second Language Acquisition), Nigel Harwood (TESOL Materials), Gabriel Ozon (English Grammar), Jane Mulderriig (Critical Discourse Analysis), Valerie Hobbs (English for Specific Purposes) and Beatriz Gonzalez-Fernandez (Vocabulary).

You'll spend about eight hours a week in lectures, seminars and workshops. And there are chances to take part in classroom-based research projects in the UK and overseas.

Assessment depends on the module, but includes essay assignments and classroom coursework tasks. You'll write your dissertation (MA only) over the summer. If you don't complete the dissertation you'll be awarded a diploma.

MA English Language and Linguistics

You'll study the sociocultural, historical and structural complexities of the English language with the option to study other modern languages as well.

There are four flexible pathways available. You can follow one exclusively or combine different areas of study.

The Literary Linguistics pathway examines a range of approaches including cognitive poetics, corpus stylistics and narratology. Social and Historical Approaches investigates complex real-world language problems in different social and historical contexts. Structural and Theoretical Linguistics explores the foundational mental structures and processes underlying language. Modern Languages (co-run with the School of Modern Languages and Cultures) offers the opportunity to study similar aspects of Slavic, Germanic and/or Romance languages.

As your understanding of theory develops, you'll learn how to analyse language and how to carry out research projects. If you choose a work placement, you might also develop skills in marketing, archiving, teaching or publishing.

Entry requirements

A minimum 2:1 undergraduate degree in linguistics, English language and/or literature, or a modern language. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.5 in writing and 6.0 in the other components, or equivalent.

Core modules

Research Methods; Dissertation.

Examples of optional modules

Linguistics in Context; Linguistics in Practice; Research Practice; Literary Language; Narrative and Cognition; Literary Language: History and Culture; Work Placement with Research Project.



Dr Emma Moore

Teaches:
Linguistics in Context; Linguistics in Practice; Research Methods.

"I have always been interested in social variation and have been keen to find ways to address social inequality. Using language as a measure of social difference, it is possible to provide empirical data that can be used to challenge prejudice and evaluate social change."

Teaching and assessment

We have expertise in all areas of English language and linguistics so we can offer the best possible support for students' interests on any topic. You'll benefit from our expertise in many fields, from language variation and change, psycholinguistics and syntax to conversation analysis, dialectology and the language-literature interface. Our enthusiastic staff publish internationally. Within the School of English, we hold weekly research seminars which give you the chance to hear about the latest developments.

You'll be taught through seminars and workshops. There are also work placement opportunities in schools, museums, libraries or local businesses. Assessment varies by module, but includes essays and presentations.

Apply

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If you'd like to know more about any aspect of our courses, contact us:

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“The course offers a unique curriculum – half theoretical and half practical. It offers a great opportunity for me to learn the way to incorporate theatre practice into research. The course has introduced a wide variety of contemporary performance that is totally new to me, which has broadened my interest.”

Moe Shoji
MA Theatre and Performance Studies

English Literature

www.sheffield.ac.uk/english
english.admissions@sheffield.ac.uk
 +44 (0)114 222 8473

Our MA courses give you the chance to explore the subjects you love with the guidance of leading researchers.

Course	Duration
MA English Literature	1 yr FT / 2 yrs PT
Specialist pathways: American Literature; Medieval and Early Modern; Modern and Contemporary; Film; Literary-Linguistics; Gothic Studies	1 yr FT / 2 yrs PT
MA Creative Writing	1 yr FT / 2 yrs PT
MA Literature, Culture and Society 1700–1900	1 yr FT / 2 yrs PT
MA Theatre and Performance Studies	1 yr FT / 2 yrs PT
MA English Studies (online)	2 yrs PT

The range of options means you can design the kind of course you want.

Your career

An English literature masters from Sheffield is the mark of an independent thinker, a skilled researcher, someone who can bring complex projects to fruition. Our graduates go into teaching, management and consultancy, advertising, journalism, publishing, and all branches of the arts – especially theatre, film, and creative writing. Our courses are also excellent preparation for a PhD.

Cultural life

There is always something going on, and there are plenty of chances to get involved. We have extensive links with arts and heritage organisations including Arts Council England and Sheffield Theatres. Our Centre for Poetry and Poetics organises monthly poetry readings, featuring a broad spectrum of poets from all over the world. The English Society, run by our students, organises theatre trips, guest lectures, and seminars. Students also get the chance to take part in drama and readings.

First-rate facilities

We're based in the Jessop West building at the heart of the campus. There are computer workstations especially for postgraduates and a DVD library with viewing facilities. Our theatre workshop is a fully equipped teaching/performance area with excellent film-viewing facilities and audio suites.

Specialist resources

The University Library subscribes to the major periodicals and full-text electronic archives, including Early English Books Online and Eighteenth-Century Collections Online. Special collections include an outstanding collection of Restoration drama, the Hope Collection of eighteenth-century periodicals, the Jack Rosenthal scripts collection, and papers of contemporary writers such as Anita Brookner, Marina Warner, Fay Weldon and Peter Redgrove.

Entry requirements

At least a 2:1 honours degree in English literature, language, linguistics, or a related discipline (eg history, philosophy, modern languages) is usually required. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 7.5 with a minimum of 6.5 in each component, or equivalent. MA Theatre and Performance Studies requires an overall IELTS score of 7.0 with a minimum of 6.0 in each component, or equivalent.

Funding

There are a number of studentships and fee bursaries available, funded by the University. Deadlines for funding applications are usually in winter/early spring. For details, see our website.

Research training for PhD

If you intend to progress to a PhD, your course can be tailored to include essential research training. The same applies to students on the MA English Studies.

Part-time study

Part-time students usually take one taught module in each semester. In the second year, you'll also take a dissertation module. For most courses, you'll need to come in for one half-day per week. The MA Creative Writing is taught in the evening. Some modules, for example on MA Theatre and Performance, may require greater time commitment. We try to be as flexible as possible to accommodate the different needs of our students.

Modern languages modules

In addition to your course modules you can take optional 15-credit modules in the Modern Languages Teaching Centre in Arabic, French, German, Italian and Spanish. Assessment of these modules ties your language learning to your research interests.

MA English Literature

This is our most flexible course. It's designed to let you explore modules from across our degree programmes to create your own pathway.

Examples of optional modules

You may choose modules from any of the School of English MAs or pathways.

Teaching and assessment

Essays, 15,000-word dissertation.

American Literature pathway

Develop your knowledge across a range of fields including urban studies, gender studies, race studies, travel writing, postcolonial writing, autobiographical and epistolary studies. You'll cover contemporary and recent American fiction and the way 'real history' appears in the texts. You may be able to take selected modules in history offered by the History Department.

Examples of optional modules

Modules may include: Memory and Narrative in Contemporary Literature; Topics in American Postmodernism; Tales of the City; Contemporary Cinemas; Exchanging Letters: Art and Correspondence in Twentieth-Century American Culture.

Teaching and assessment

Teaching is by seminars. You'll be assessed on your essays, coursework and a 15,000-word dissertation.

Medieval and Early Modern pathway

You'll examine early modern texts, language and culture. Staff expertise includes palaeography, rhetoric, news writing, the sermon, drama, and issues of political, sectarian and national identity between 1400 and 1700. Modules (including modules from History) can be tailored to suit your interests. You'll complete one core module, optional modules and a dissertation.

Core module

Renaissance Transformations.

Examples of optional modules

May include: Early Modern Paleography (ie training in reading sixteenth and seventeenth-century manuscripts); The Country House; Directed Reading; Early Modern Books; Pastoral Literature (online module) and Shakespeare and Early Women Dramatists (online module).

Teaching and assessment

Teaching is by seminars. You'll be assessed on your essays, coursework and a 15,000-word dissertation.

Modern and Contemporary pathway

You'll study modern and contemporary fiction and poetry, with a focus on literature since 1900. Topics include: memory studies, contemporary poetry, urban and postmodern literature, the Cold War, life writing, race, gender and animal studies.

Examples of optional modules

You'll choose four modules from a range which may include: Tales of the City; the

Living Space in Contemporary American Fiction; Exchanging Letters: Art and Correspondence in Twentieth-Century American Culture; Memory and Narrative; Rocket State Cosmology; Animal Writes; Topics in American Postmodernism; Midcentury Modernism.

Teaching and assessment

Teaching is by seminars. You'll be assessed on your essays, coursework and a 15,000-word dissertation.

Film pathway

You'll develop skills in textual and theoretical interrogation of narrative film, in both popular and art cinema. Close textual analysis of the moving image is supplemented by a range of optional national cinema studies, including Australian cinema and British visual culture. You'll complete one core module, optional modules and a dissertation.

Examples of optional modules

Modules may include: Contemporary Cinemas; Postwar British Drama, Film and Television.

Teaching and assessment

Teaching is by seminars. You'll be assessed on your essays, coursework and a 15,000-word dissertation.

Literary-Linguistics pathway

This pathway brings literature and linguistics together. Through a series of interdisciplinary modules, you'll explore the language of literature. Subjects include: stylistics, narrative and contemporary fiction, cognitive poetics, the language and literature of the city.

Core modules

Language, Literature and the City; Literature and the Mind.

Examples of optional modules

May include: Romantic Gothic; Contemporary Cinemas; Literary Language; Work Placement with Research Essay.

Teaching and assessment

Teaching is by seminars. You'll be assessed on your essays, coursework and a 15,000-word dissertation.

Gothic Studies pathway

Develop your knowledge by following a range of modules on the Gothic from the eighteenth century onwards. This pathway enables you to consider how images of 'evil' and otherness are used in the Gothic as a way of asking difficult questions about social convention and identity formation.

You will have access to the resources that only a Russell Group university can provide, including important archival material such as the Corvey collection (which includes some rare gothic novels published between 1790 and 1840) and the opportunity to attend guest lectures delivered by the world's leading academics. In addition to those who have a general fascination with the Gothic, this pathway may be of particular interest to students considering a PhD in Gothic studies.

Modules

With a focus on literature from the eighteenth and nineteenth centuries, modules on this pathway may include: Romantic Gothic; Murderers and Degenerates; Victorian Bodies; and Humans, Animals, Monsters and Machines. There are also modules which can be taken from the MA Literature, Culture and Society: 1700–1900 as well as on twentieth and twenty-first-century literature. You can also take relevant modules from History and the School of Languages and Cultures.

Teaching and assessment

Teaching is by seminars. You'll be assessed by your essays, coursework, and a 15,000 word dissertation.

MA Creative Writing

You'll study contemporary creative writing and develop your skills in different genres and styles. You'll also develop and explore your own writing through practical workshops. You'll complete two core modules, optional modules and a dissertation. Your final portfolio of work may take the form of short stories, a novel extract, script or poetry.

Entry requirements

A good first degree (2:1 or above, or the international equivalent) in English literature, language, linguistics, or a related discipline (eg history, philosophy, modern languages).

A portfolio submission of 2,000 words of prose/drama or five poems (or equivalent, roughly 100 lines), to be sent along with the application form.

Core modules

Choose two from: Creative Writing: Fiction 1; Creative Writing: Fiction 2; Creative Writing: Poetry 1; Creative Writing: Poetry 2.

Examples of optional modules

May include: 'Tales of the City': the Living Space in Contemporary American Fiction; Memory and Narrative in Contemporary Literature; Language and Literature in the Workplace; or any from the many modules listed under the general MA in English Literature.

Teaching and assessment

Teaching takes place through workshops and seminars. You'll be assessed on your essays, a creative writing dissertation and portfolio. Fiction writers and dramatists: 12,000 words of creative work. Poets: 50 poems or equivalent. All students complete a 3,000-word critical essay.

MA Literature, Culture and Society 1700–1900

This exciting interdisciplinary programme examines the key literary and cultural events of the period. You will complete one compulsory core module which introduces you to the central critical debates involved in examining literature from the eighteenth and nineteenth centuries. You will also take optional modules and complete a dissertation.

Core module

Reimagining the Eighteenth and Nineteenth Centuries.

Examples of optional modules

May include: Love and the Lyric; I Want a Hero: Romantic and Victorian Epic; Romantic Gothic; Murderers and Degenerates; Victorian Bodies; Confession; Foundlings, Fostering and Adoption in Literature of the Eighteenth and Nineteenth Centuries; Humans, Animals, Monsters and Machines; From Gulliver's Travels to King Kong. You may also apply for a work-based module in a relevant gallery or museum.

Teaching and assessment

Teaching takes place through seminars. You will be assessed by essays and a 15,000-word dissertation.

MA Theatre and Performance Studies

Explore diverse forms of contemporary theatre with this practical course. You'll study areas including devised performance and live art, community and applied theatres, new playwriting, classic texts on the contemporary

stage, and documentary and verbatim theatre. Our teaching team has strong links with many major venues, theatre companies and practitioners, with Sheffield recently named best theatre city outside London.

You'll improve both your research and performance skills by working with practising theatre-makers and arts organisations. We have a fully equipped theatre workshop and studio spaces, a publicly licensed drama studio, and excellent editing and recording facilities.

Core modules

Text, Politics and Performance; Issues in Contemporary Performance; Theatre Practice 1: Practical Research Projects; Theatre Practice 2: Independent Practice; Dissertation of 15,000 or 9,000 words plus integrated practice component.

Teaching and assessment

You'll be taught through practical workshops, productions and seminars. You'll be assessed on performance practice, written coursework and a dissertation.

MA English Studies (online)

Develop your knowledge of literature and literary linguistics. You'll be supported by our expertise in areas including Renaissance and contemporary literatures in English.

This course is taught completely online, so you can study while working, wherever you live. Most class texts can be accessed electronically through the University libraries. You'll complete one 30-credit core module, optional modules worth 90 credits and a dissertation worth 60 credits.

Core module

Research Methods in English Studies.

Examples of optional modules

May include: Literature and the Mind; Shakespeare and Early Women Dramatists; Introduction to Literary Linguistics.

NB: All MA students can request to take optional modules from the online course, with the agreement of their course tutor.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

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“This particular course is exciting not just because I am studying the subject I am interested in, but also the opportunity to go on an international field trip and placement in order to experience the issues that I am learning about. Hopefully I can start to make a difference before I have even graduated. I did my undergraduate degree in Sheffield and loved it so much that I didn't even consider studying anywhere else!”

Oliver Bellamy
 MA International Development

Geography

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

We produce graduates who can apply their expertise to real-world problems.

Course	Duration
MA International Development	1 yr FT / 2 yrs PT
MPH (Masters in Public Health) International Development	1 yr FT / 2 yrs PT
MSc Environmental Change and International Development	1 yr FT / 2 yrs PT
MSc(Res) Polar and Alpine Change	1 yr FT

You may also be interested in	
MSc Applied Geographical Information Systems (GIS)	Page 169
MA Intercultural Communication and International Development	Page 111

Our research partners include public and private organisations across the world.

Your career

You'll develop the skills to pursue careers in public and private sector organisations across the world. Recent graduates have started careers in consulting or with organisations like CAFOD, the Department for International Development and the Environment Agency. Many of our graduates stay on to do research. We have a high success rate in securing funding for those who wish to study for a PhD with us after finishing a masters.

Study with the best

This is a vibrant postgraduate community, with strong international links. Our research partners are global, from UK universities to institutions in Europe and across the world. Our teaching is invigorated by work from several interdisciplinary research groups like the Sheffield Institute for International Development, the Grantham Centre and the Urban Institute.

How we teach

Our staff are active researchers at the cutting-edge of their fields. That research informs our masters courses. As well as the usual lectures and seminars, there are practicals, lab classes, field trips and research projects.

Facilities and equipment

Our postgraduate computer labs have networked workstations for GIS research and climate modelling, ARC/INFO, ERDAS software and specialist software for remote sensing.

Our new postgraduate GIS suite has facilities for video conferencing, web design, video editing and creative media.

Fieldwork

All of our courses involve fieldwork. The MPH, MSc and MA International Development programmes take students on a 10-day field trip where they put their research skills into practice. Recent field class destinations include Tanzania, India and the Galapagos Islands.

Global learning opportunities

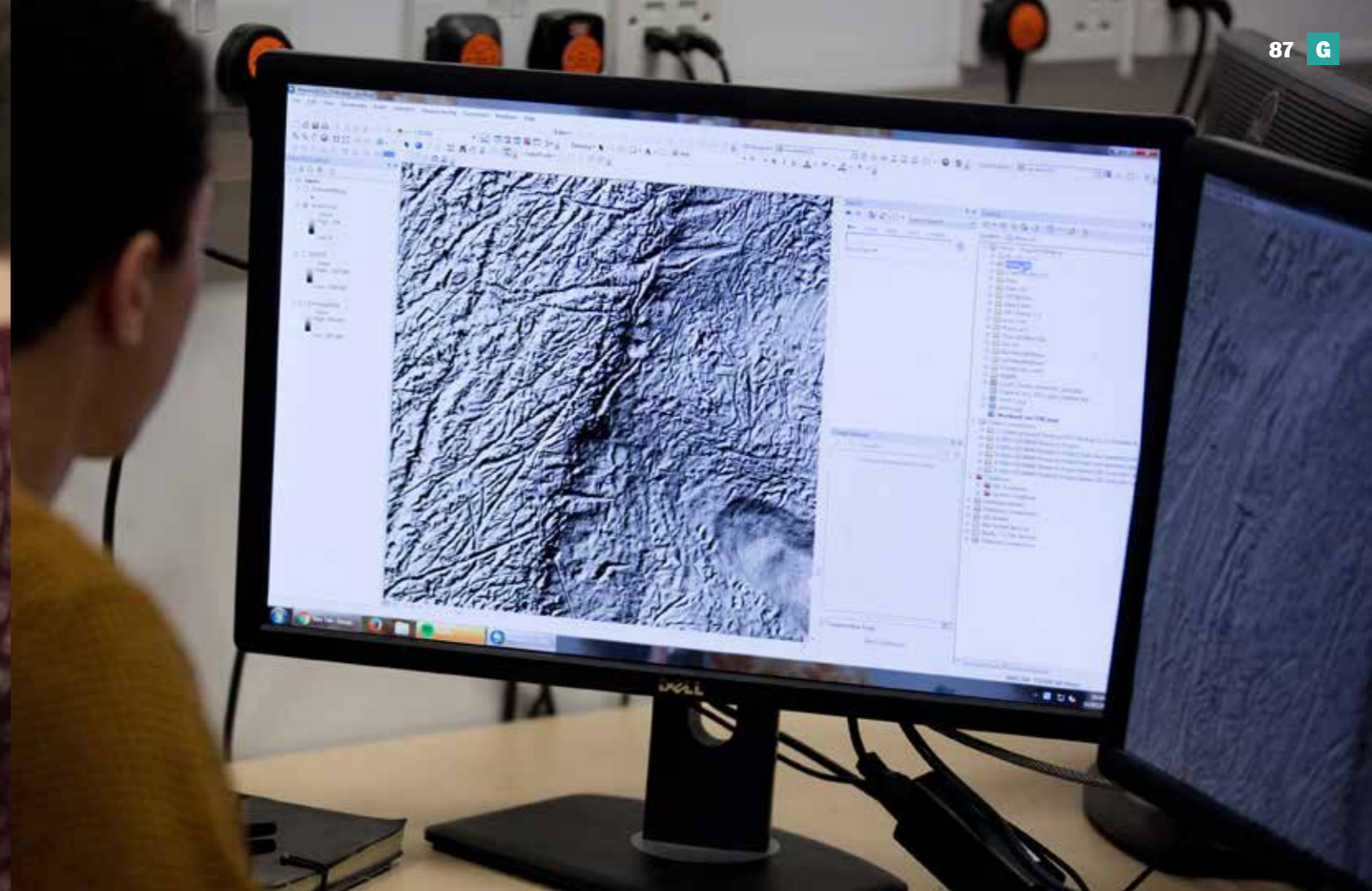
Global Learning Opportunities in the Social Sciences (GLOSS) gives students from the faculty the chance to engage with international policy makers and work in the field of international development.

www.sheffield.ac.uk/gloss/about



“There are so many opportunities to gain real work experience through the field class and dissertation with placements. Not many masters courses offer this so it is definitely one of the strongest elements of the course. Eventually I would like to combine my background in economics with international development and work in policy.”

Rachael Low
MSc Environmental Change and International Development



Entry requirements

For international development, you'll need a good 2:1 or first-class honours degree in an area of the social sciences or medicine. Intercalating medical students are accepted for our MPH course – you must have successfully completed at least the equivalent of three years of an undergraduate medical degree and provide at least one satisfactory academic reference.

English language requirements

For our international development courses, international students are required to attain an overall IELTS score of 6.5 with a minimum of 6.0 in each component.

For MSc(Res) Polar and Alpine Change, international students are required to attain an overall score of IELTS 7.0 with a minimum of 6.5 in each component.

MA International Development

This course engages with the challenges of international development in today's complex world. You'll develop skills and knowledge relating to development research and practice. The course includes a 10-day field class providing hands-on experience of research. Recent destinations have included Nepal and Tanzania.

Core modules

Ideas and Practice in International Development; Research Design and Methods in International Development; Professional Skills for Development; Dissertation with Placement; International Development Field Class.

Examples of optional modules

The Science of Environmental Change; Key Issues in Environment and Development; Living with Climate Change in the Global South; Key Issues in Global Public Health; Epidemiology; Using Policy to Strengthen Health Systems; Cities of Diversity; Cities of 'the South': Planning for Informality.

Teaching and assessment

There are seminars, lectures, workshops and reading groups. You'll be assessed on your coursework assignments, project work and a dissertation.

MPH (Masters in Public Health) International Development (taught with the School of Health and Related Research)

You'll develop an understanding of the interventions necessary to improve the health of communities in the Global South. By exploring contemporary theory, policy and practice in public health and international development, you'll gain the skills to tackle these challenges working in a public health and development role. There's an emphasis on applying theory to the everyday complexities of health and development.

Core modules

Ideas and Practice in International Development; Introduction to Research Methods; Key Issues in Global Public Health; Dissertation with Placement; Professional Skills for Development; International Development Field Class.

Examples of optional modules

Living with Climate Change in the Global South; Epidemiology; Health Promotion; Public Health Informatics; Communicable Disease Control; Disaster and Emergency Management; Cities of Diversity; Cities of 'the South': Planning for Informality.

Teaching and assessment

There are seminars, lectures, workshops, reading groups. You also do some fieldwork. You're assessed on coursework assignments, project work and a dissertation.

MSc Environmental Change and International Development

This course brings together geography, environmental and development studies expertise to engage with the challenges of environmental change in the Global South. You'll explore contemporary theory, policy and practice. There are three elements to your study: training in development research methods and professional skills, training in specialised subject areas, and a placement-based research dissertation.

Core modules

Ideas and Practice in International Development; Research Design and Methods in International Development; The Science of Environmental Change; Key Issues in Environment and Development; Professional Skills for Development; Dissertation with Placement; International Development Field Class.

Examples of optional modules

Living with Climate Change in the Global South; Using Policy to Strengthen Health

Systems; Cities of Diversity; Cities of 'the South': Planning for Informality.

Teaching and assessment

There are seminars, lectures, workshops and reading groups. You'll be assessed on your coursework assignments and a dissertation.

MSc(Res) Polar and Alpine Change

This unique programme is aimed at training graduates from a range of scientific disciplines who wish to pursue a research career in cold-regions science, notably within the disciplines of glaciology, glacial geomorphology, polar climatology/oceanography, environmental science, polar biogeochemical processes, or their intersections.

The programme's underlying theme is contemporary, as its key interest is to explore the expressions, mechanisms and impacts of rapid ongoing changes in our planet's cold regions.

Entry requirements

For Polar and Alpine Change, you'll need a minimum of a good 2:1 honours degree showing first-class potential in relevant subject areas, including (but not restricted to) physical geography, environmental/earth/ocean sciences, geology, physics and

natural science. You will also need evidence of engagement with and/or aptitude in geoscientific research through a personal statement and research document (eg undergraduate dissertation report).

Core modules

Research Design; Current Issues in Polar and Alpine Science; Arctic or Alpine Field Course; Polar and Alpine Change Research Project.

Teaching and assessment

Modules are delivered through a mixture of lectures, seminars, workshops and independent study.

The research project is assessed by oral presentation of mid-project findings, submission of a project report in the summer and by a poster presentation of project findings.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

Postgraduate Programmes Officer

+44 (0)114 222 7900

geography-admissions@sheffield.ac.uk



“I study for two years, and my second year is at a different European institution. Next year I will be in Paris studying Environmental and Occupational Health at EHESP (École des Hautes Études en Santé Publique). The course is so broad, it gives students space to develop their own interests within public health.”

Katharine Palmer
EuroPubHealth (European MPH programme)

Health and Related Research

www.sheffield.ac.uk/scharr
scharr-pgt-enquiries@sheffield.ac.uk
 +44 (0)114 222 5454

We tackle some of the world's greatest health challenges to improve the health and care of people across the globe.

Course	Duration
MPH/PGDip/PGCert Public Health	1 yr FT / 2-3 yrs PT
MPH/PGDip/PGCert Public Health	2-4 yrs PT (online)
MPH/PGDip/PGCert Public Health (Management and Leadership)	1 yr FT / 2-3 yrs PT
MPH/PGDip/PGCert Public Health (Health Services Research)	1 yr FT
MPH EuroPubHealth: European Masters Programme in Public Health	2 yrs FT
MSc/PGDip/PGCert Health Economics and Decision Modelling	1 yr FT / 2-3 yrs PT
MSc/PGDip/PGCert International Health Technology Assessment, Pricing and Reimbursement	2-5 yrs PT (online)
PGCert Cost Effectiveness Modelling for Health Technology Assessment	2 yrs PT (online)
MSc/PGDip/PGCert Clinical Research	1 yr FT / 2-5 yrs PT
MSc/PGDip/PGCert International Health Management and Leadership	2-4 yrs PT (online)
MSc/PGDip/PGCert Human Nutrition	1 yr FT / 2-5 yrs PT

Continuing Professional Development

We also provide a range of modules which are suited to the CPD requirements of a wide variety of healthcare professions. These are accredited and can lead towards certification on one of our Masters courses.

Learn from leading researchers

We deliver world-leading research in areas including public health evaluation, emergency and immediate care, alcohol policy, health technology assessment, workforce and extended roles and health policy. Our research has earned us an international reputation, particularly in the areas of health economics and decision modelling, and public health.

Our impactful, high-quality research influences how we teach across all of our postgraduate courses, and our graduates are highly regarded internationally.

Many of our graduates go on to work in national health services, or health agencies such as the World Health Organisation (WHO), The United Nations International Children's Emergency Fund (UNICEF) and The United Nations Population Fund (UNFPA). Some go on to work in other international non-governmental organisations or the private sector, such as the pharmaceutical and health insurance industries. Others go on to undertake further doctoral/PhD study or work in academic and research institutions across the world.

This reflects the quality of our research-led teaching, and our ability to inspire and prepare you for a successful career.

Study in a multidisciplinary environment

We are one of the largest multidisciplinary schools of public health and health services research in the UK. Our strengths include strong relationships with other University departments including medicine, economics, management, information studies, statistics and work psychology.

This approach and environment allows you to benefit from a range of specialisms and perspectives. We help you to develop the analytical skills, in-depth multidisciplinary knowledge and capacity for critical thinking to enable you to become a leader in your chosen field.

Join the UK's only APHEA accredited institution

We are the only UK university (and one of only four institutions in the world) to be awarded institutional level accreditation status by the Agency for Public Health Accreditation (APHEA). This is a prestigious seal of approval highlighting our excellence in public health academic research and service output.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

MPH/PGDip/PGCert Public Health

All our public health courses are accredited by the Agency for Public Health Education Accreditation.

This course covers the broad range of knowledge and skills required for public health practice around the world. You'll explore how public health principles apply to professional practice and how research processes apply to public health. Your understanding of public health approaches will be increased, as will your knowledge of health service organisations, management and economics.

The course welcomes students from a wide range of educational backgrounds.

Entry requirements

2:1 honours degree, or a recognised medical degree or significant experience in public health. For equivalent grades for your country, visit

www.sheffield.ac.uk/international

Core modules

Epidemiology; Key Issues in Global Public Health; Introduction to Research Methods; Introduction to Statistics and Critical Appraisal; Health Needs Assessment, Planning and Evaluation; Dissertation.

Examples of optional modules

Choices include: Health Promotion; Leading and Managing Health Services; Communicable Disease Control; Disaster and Emergency Management; Using Policy to Strengthen Health Systems; Health Care Financing and Economic Evaluation; Sociology of Health and Illness; Further Statistics for Health Science Researchers; Sociology of Health and Illness; Systematic Reviews and Critical Appraisal Techniques; Public Health Informatics; Contemporary Health Psychology and Behaviour Change; Confronting Public Health Problems; Qualitative Research Design and Analysis.

Teaching and assessment

Lectures, seminars, tutorials and independent study. You're assessed on coursework, examinations and a dissertation.

MPH/PGDip/PGCert Public Health (Online)

This is a highly-flexible public health masters course taught completely online.

On this course, you'll explore key national and global public health issues from different disciplinary perspectives, as well as increasing your understanding of epidemiological measures, study designs, screening and surveillance. You'll also study practical solutions to protect and promote the public's health and tackle health inequalities and public health problems.

The course is ideal for people with busy work or life commitments, who want to be able to study wherever and whenever they can.

Entry requirements

2:1 honours degree, or a medical degree or significant experience in public health.

For equivalent grades for your country, visit

www.sheffield.ac.uk/international

Core modules

Epidemiology; Health Promotion; Introduction to Statistics and Critical Appraisal; Introduction to Research Methods; Systematic Approaches to Evidence Assessment; Key Issues in Global Public Health; Dissertation.

Examples of optional modules

Choices include: Leading and Managing Health Services; Using Policy to Strengthen Health Systems; Communicable Disease Control; Further Statistics for Health Science Researchers.

Teaching and assessment

The course is taught entirely online. Teaching methods include video, podcasts and web lectures. Assessment is by coursework and online exams.

MPH/PGDip/PGCert Public Health (Health Services Research)

This course teaches a range of techniques used to evaluate health services and public health interventions. The course is a strong foundation for a research degree or an academic career in public health or health services research.

Entry requirements

2:1 honours degree, or a medical degree or significant experience in public health.

For equivalent grades for your country, visit

www.sheffield.ac.uk/international

Core modules

Key Issues in Global Public Health; Introduction to Research Methods; Introduction to Statistics and Critical Appraisal; Epidemiology; Randomised Controlled Trials; Qualitative Research Design and Analysis; Dissertation.

Examples of optional modules

Choices include: Health Needs Assessment, Planning and Evaluation; Health Promotion; Communicable Disease Control; Economic Evaluation and Healthcare Financing; Public Health Informatics; Further Statistics for Health Science Researchers; Evaluation Methods for Complex Settings; Systematic Reviews and Critical Appraisal Techniques.

Teaching and assessment

You'll be taught through lectures, seminars, tutorials and independent study. Assessment is by coursework, examinations and a dissertation.

MPH/PGDip/PGCert Public Health (Management and Leadership)

This course provides a combination of public health knowledge and management science.

On the course, you'll study health needs and inequalities and be introduced to gathering and appraising evidence through research and needs assessment, as well as economic evaluation and healthcare financing. You'll explore the principles of management and organisation theory and specific challenges relating to public health, as well as health policy and health systems.

The course is ideal for those who aspire to be leaders in their health care organisations and systems.

Entry requirements

2:1 honours degree, or a medical degree or significant experience in public health.

For equivalent grades for your country, visit

www.sheffield.ac.uk/international

Core modules

Leading and Managing Health Services; Economic Evaluation and Healthcare Financing; Introduction to Research Methods; Health Needs Assessment, Planning and Evaluation; Using Policy to Strengthen Health Systems; Knowledge Mobilisation in Healthcare; Dissertation.



Examples of optional modules

Choices include: Foundations of Leadership and Teamwork; Communicable Disease Control; Disaster and Emergency Management; Public Health Informatics; Health Promotion; Epidemiology; Systematic Reviews and Critical Appraisal Techniques; Key Issues in Global Public Health; Qualitative Research Design and Analysis; Introduction to statistics and critical appraisal; Introduction to Epidemiology; Managing People in Organisations.

Teaching and assessment

There are lectures, seminars, tutorials and independent study. Assessment is by coursework, examinations and a dissertation.

MPH Europubhealth: Master of European Public Health

If you study this course, you'll receive two masters degrees – one from each of the universities you study at.

The course draws on the expertise of six European universities. In your first year, you will study for a European public health masters degree in either Sheffield or Granada (Spain). In your second year, you will choose to specialise in a specific area of public health practice in France, the Netherlands, Poland or Spain. At the end of both years, you will meet fellow students that are studying in all the universities in the

programme for a 3 week integration module in Rennes (France), to study and discuss your experiences of the course.

All six universities involved in the European Masters Programme in Public Health provide high-quality and fully recognised academic training in public health.

Core modules in year one

Key Issues In Global Public Health; Introduction to Research Methods; Introduction to Statistics and Critical Appraisal; Health Needs Assessment, Planning and Evaluation; Epidemiology.

Year two modules will vary depending on the specialisation and institution chosen. You will complete a dissertation in year 2.

Examples of optional modules

Choices include: Public Health Informatics; Communicable Disease Control; Disaster and Emergency Management; Further Statistics for Health Science Researchers; Health Care Financing and Economic Evaluation; Using Policy to Strengthen Health Systems; Sociology of Public Health; Health Promotion; Systematic Reviews and Critical Appraisal Techniques; Contemporary Health Psychology and Behaviour Change; Qualitative Research Design and Analysis; Confronting Public Health Problems; Leading and Managing Health Services.

and Managing Health Services.

Funding

You may be eligible for a scholarship from Erasmus+. For further information, and how to apply for a place, visit: www.europubhealth.org

MSc/PGDip/PGCert Health Economics and Decision Modelling

On this course you'll study a growing area with a worldwide demand for qualified specialists.

The importance and use of health technology assessment and health economic modelling is rapidly increasing. This course helps you to become highly employable by developing the analytical skills required to evaluate the clinical outcomes and cost-effectiveness of health technologies such as new drugs, public health initiatives, screening programmes and diagnostic tools.

Taught by some of the world's most renowned experts in the field, this course helps you to develop the transferable skills and knowledge to work anywhere in the world as a professional decision-analytic modeller or health economist.

Entry requirements

2:1 honours degree in a numerate subject such as economics, operational research, mathematics, statistics, pharmacy, industrial engineering, management science, physics,

pharmacy or systems control. For equivalent grades for your country, visit www.sheffield.ac.uk/international

Core modules

Cost-effectiveness Modelling for Health Technology Assessment; Introduction to Health Economics; Economic Evaluation; Medical Statistics and Evidence Synthesis; Advanced Simulation Methods; Valuing the Benefits of Health Care; Study Design and Systematic Review Methods; Dissertation; Further Statistical Methods for Health Economic Analysis.

Teaching and assessment

You'll be taught through lectures, seminars, tutorials and independent study. Assessment is by coursework, examinations and a dissertation.

MSc/PGDip/PGCert International Health Technology Assessment, Pricing and Reimbursement (Online)

This is the only online course offering the full range of skills needed by those developing health technologies for market.

The course is taught by experts who work directly with the National Institute for Health and Care Excellence (NICE) on health technology appraisals. You'll gain an understanding of the entire HTA process alongside practical insights into the markets, pricing and customers needed for new product development in the healthcare industry. If you're already working or aspire to work in the field of health technology assessment, health economics or market access, this course will give you the training you need to progress your career or gain a post as a health technology evaluator or commissioner.

Entry requirements

2:1 honours degree in a related subject. For equivalent grades for your country, visit www.sheffield.ac.uk/international

Core modules

Methods and Processes in International Health Technology Assessment; International Health Care Systems and Reimbursement; Cost-effectiveness Modelling in International HTA; Systematic Reviews and Evidence Synthesis; Principles; Economic Evaluation in International HTA; Project.

Examples of optional modules

Using Evidence in the Design and Development of Models; Pharmaceutical Pricing; Randomised Controlled Trials to Support

Reimbursement Decision Making; Utility and Patient Report Outcomes Data in HTA; Building Cost-effectiveness Models for HTA.

Teaching and assessment

The course is taught entirely online, and you study in your own time. The course is a mixture of online learning and independent study. We use customised online rooms within our Virtual Learning Environment to deliver course materials in an accessible and engaging format, including live online webinars allowing interaction with course tutors and other students. Assessment is by coursework and project work.

PGCert Cost Effectiveness Modelling for Health Technology Assessment (Online)

The technical skills to undertake cost-effectiveness modelling are in high demand within the pharmaceutical and healthcare industries. Evaluating the cost-effectiveness of health technologies is critical to good governance of public monies when bringing new technologies to market. The course is taught part-time, online, over two years.

Entry requirements

A 2:1 honours degree in a relevant subject or equivalent professional experience.

Core modules

Economic Evaluation in International HTA; Cost-effectiveness Modelling in HTA; Using Evidence in the Design and Development of Models; Building Cost-effectiveness Models for HTA.

Teaching and assessment

The course is a mixture of online learning and independent study. We use customised online rooms within our Virtual Learning Environment to deliver course materials in an accessible and engaging format, including live online webinars allowing interaction with course tutors and other students. Assessment is by coursework and project work.

MSc/PGDip/PGCert Clinical Research

This course is a route into research positions within healthcare settings or doctoral/PhD study.

The course aims to help you develop an in-depth understanding of clinical research processes and techniques and an awareness of practical and regulatory issues. You'll explore the fundamental concepts and methods in medical statistics, and how to critically appraise statistics in research literature.

The course is for anyone working, or aspiring to work, in the field of clinical research nationally or internationally.

Entry requirements

A 2:1 honours degree in a relevant subject or equivalent professional qualification and experience. Applications for the NIHR route are only accepted from doctors and dental practitioners enrolled as Academic Clinical Fellows in the local NHS Deanery.

Core modules

Core modules are determined by the course route followed and may include: Randomised Controlled Trials; Introduction to Research Methods; Introduction to Statistics and Critical Appraisal; Practical Aspects of Clinical Research; Dissertation or Research placement and portfolio.

Examples of optional modules

Choices include: Systematic Review and Critical Appraisal; Epidemiology; Public Health Informatics; Sociology of Health and Illness; Qualitative Research Design and Analysis; Health Needs Assessment, Planning and Evaluation.

Teaching and assessment

Materials will be delivered in a variety of formats designed to enhance the learning experience. These include formal lectures, tutorials, small group discussions, online screencasts, videos and podcasts, alongside guided reading and case studies.

MSc/PGDip/PGCert International Health Management and Leadership (Online)

This is an online course for those who want to develop healthcare leadership and management skills.

The course focuses on the management challenges and practices that are unique to healthcare settings, making it ideal for those already working in healthcare management or those considering a career change into the sector.

This course will develop your understanding of quantitative and qualitative research methods used in health-related research, organisational theory, management and practices within health systems. You'll also explore healthcare management challenges, accounting and finance, operating environments, and how to be an effective leader of people.

Entry requirements

2:1 honours degree or relevant professional qualification and experience. For equivalent grades for your country, visit www.sheffield.ac.uk/international

Core modules

Introduction to Research Methods; Managing People in Organisations; Systematic Approaches to Evidence Assessment; Accounting and Financial Management; Leading and Managing Health Services; Strategic Management; Foundations of Leadership and Teamwork; Dissertation.

Examples of optional modules

Choices include: Marketing of Health Care Organisations; Using Policy to Strengthen Health Systems.

Teaching and assessment

The course is taught entirely online. We usually place two–three weeks of material online at a time, to allow you to complete tasks at your own pace. Assessment is by coursework and project work.

MSc/PGDip/PGCert Human Nutrition

This course is accredited by the Association for Nutrition – graduates can apply for direct entry to the UK Voluntary Register of Nutritionists as Registered Associate Nutritionists.

The course aims to give you an excellent understanding of the fundamentals of human nutritional biochemistry and epidemiology.

You'll study different methods of dietary assessment and analysis, enabling you to collect, analyse and interpret dietary information. You'll also explore the nutritional challenges of vulnerable population groups and the importance of nutrition policy both locally and in a global context.

The course helps to prepare you for a career in research, the food industry, academia, community nutrition and nutrition consultancy.

Entry requirements

You'll have a 2:1 degree in a relevant science subject. A 2:2 may be acceptable depending on the degree and your references. We also accept graduates in medicine. If your degree is not science-based, you may be accepted if you can demonstrate a sound underpinning knowledge in the biosciences, to meet the demands of the programme. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Nutritional Epidemiology; Nutritional Biochemistry; Nutritional Physiology; Nutrition in Health and Disease; Nutrition in the Global South; Introduction to Research Methods; Introduction to Statistics and Critical Appraisal; Research Project and Dissertation.

Optional modules

Molecular Nutrition; Health Promotion; Systematic Review and Critical Appraisal

Techniques; Qualitative Research Design and Analysis; Further Statistics for Health Science Researchers. Masters candidates complete all core modules plus one optional module. PG Diploma candidates complete all the core modules except the research project and dissertation, plus one optional module.

Teaching and assessment

You'll learn through lectures and seminars, practical sessions, workshops, group debates, self-study units and individual presentations. You'll work independently on your research project, with guidance from an academic.

You're assessed on written reports, laboratory practical classes and group and individual assignments, which may involve oral presentations. There is a written examination at the end of some modules. The research project is assessed by a written dissertation.

Apply

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If you'd like to know more about any aspect of our courses, contact us:

Teaching Support Unit

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“The University of Sheffield has a unique relationship with the public. The MA in Medieval History reflects that in its structure, and that reflects my own desire for a better relationship between history and the public outside of heritage sites and museums. A postgraduate degree from the University of Sheffield puts me on the front line of that ambition.”

Martin Smith
MA Medieval History

History

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A thriving postgraduate community built on world-leading research and imaginative teaching.

Course	Duration
MA Historical Research	1 yr FT / 2 yrs PT
MA Medieval History	1 yr FT / 2 yrs PT
MA Early Modern History	1 yr FT / 2 yrs PT
MA American History	1 yr FT / 2 yrs PT
MA Modern History	1 yr FT / 2 yrs PT
MA Global History	1 yr FT / 2 yrs PT

UK top 3 for research excellence
REF 2014

Our department

We are one of the largest, most active and successful centres for teaching and historical research both in the UK and internationally. Our academic reputation means that we are ranked third in the UK for research excellence (Research Excellence Framework 2014).

Our team of over 40 academic staff and around 150 postgraduate students work together to create a thriving and supportive research culture. This vibrant community includes a regular research seminar series, covering a huge range of topics, and a range of research centres and networks exploring interdisciplinary themes. Our students also run an active postgraduate forum, organising a wide variety of social and research events and collaborating with staff and students both in Sheffield and further afield.

Our teaching

Our world-leading research informs what we teach. We offer a flexible degree structure with a wide range of modules covering a variety of periods, locations, themes and approaches.

An MA in history will further develop the range of transferable skills at your disposal. You will have the freedom to tailor your research and focus on the skills that are most important

to you. We offer modules that are specifically designed to provide you with skills in public history – modules such as Work Placement and Presenting the Past give you real, hands-on experience.

Your future

These kinds of skills are why our graduates are successful in both further study and a wide range of careers – from lecturing and working in the museum and tourist industry to business management, marketing, law and working in the media.

In addition to the personal and professional development you will experience through your modules, we offer dedicated careers support to enable you to successfully plan your future.

Entry requirements

All of our degrees require a BA honours degree or equivalent in history or another humanities or social science discipline. A first-class result is required for the MA Historical Research. All other degrees require a 2:1. For equivalent grades for your country, visit www.sheffield.ac.uk/international

You may be asked to supply examples of previous written work.





English language requirements

Overall IELTS score of 7.0 with a minimum of 6.5 in each component, or equivalent.

Teaching and assessment

The flexibility of our MA programme allows you to carry out specialist research under expert supervision in a friendly and supportive environment. Core modules will develop your understanding of your chosen area of history and skills in using relevant sources, while our range of option modules allow you to focus on the particular skills that are most important to you.

You will be taught through seminars, workshops and individual tutorials. Core assessment is through written papers, oral presentation, and a dissertation.

Part-time study

All our masters can be taken part-time. Seminars are held during working hours (9am–6pm) and there are no lectures. The number of contact hours will vary over the two years, but you'll usually have at least one

two-hour seminar each week. You'll take one core module each year and the rest of your course will be made up from optional modules giving you plenty of choice and flexibility over what you study.

MA Historical Research

This course is excellent preparation for a PhD degree in history. You can further your interests, broaden your knowledge and at the same time hone your research skills. As well as specific research training in history, you'll also gain a broad range of transferable skills that will be of value to employers outside academia.

Option modules

Choose from a wide range of modules from the ancient period to the modern day and encompassing the history of Britain and Europe, America and the wider world. Historical Research students also have exclusive access to our Directed Reading module, which allows you to pursue additional independent research relevant to your future PhD.

MA Medieval History

We have a long and distinguished tradition in teaching and researching the history of the Middle Ages, and have recently expanded to encompass ancient history, establishing a unique concentration of expertise in setting the medieval period in context. You'll work with our internationally-renowned scholars to deepen your understanding of the medieval and ancient worlds.

Example option modules

Migration in the Ancient World; Wikipedia and Medieval History; Church, Life, and Law in the Central Middle Ages; The Dawn of Modernity in the Late Middle Ages; Greek and Roman Gods and Goddesses; Latin.

MA Early Modern History

Our long tradition of early-modern history research continues with a group of internationally-renowned scholars working at the cutting-edge of their fields. The MA in Early Modern History draws on this expertise to examine the early modern world, and rethink some key narratives of change.

Example option modules

Before Facebook: Social Networks in History; Burying the White Gods: Indigenous People in the Early Modern Colonial World; Microhistory and the History of Everyday Life; Revolutionary England, 1640–1660: Politics, Culture and Society; Palaeography.

MA American History

Contemporary politics shows that there is more need than ever for critical understanding of the formative political, social, economic and intellectual trends in American history. This MA gives you the opportunity to study the historical development of the United States from the first encounter between Europeans and indigenous Americans in the colonial period through to the end of the Cold War.

Example option modules

Women and Slavery in the Antebellum American South; The US Civil War in Global Context; The United States and the Global 1970s; New York City and the End of the 20th Century.

MA Modern History

Historians have long been fascinated by modernity and the societies to which it gave rise. The MA Modern History explores these changes, allowing you to investigate the political cleavages and cultural uncertainty unleashed by the great revolutions, the mobilisations and resistance of the two world wars, and the transnational forces of empire and globalisation.

Example option modules

Cold War Histories; Sex and Power: The Politics of Women's Liberation in Modern Britain; Voices of the Great War: Gender, Experience and Violence in Great Britain and Germany, 1914–1918; Medical Humanity? Medicine and Identity; Imagining the Republic: Irish Republicanism, 1798–1998; Under Attack: The Home Front during the Cold War; Borders in 20th Century Europe.

MA Global History

One of Britain's leading centres for the postgraduate study of global, international and imperial histories, the Department of History brings together internationally recognised expertise in the histories of South, East and Southeast Asia, Africa and the Americas, as well as in the wider history of imperialism, decolonisation, migration, war, humanitarianism and globalisation.

The MA in Global History draws on this expertise to provide a deeper understanding of the forces shaping world history.

Example option modules

The Japanese Empire in East Asia, 1895–1945; International Order in the Twentieth Century; Autobiography, Identity and the Self in Muslim South Asia; Human Rights in Modern History.



Dr Eirini Karamouzi

Teaches:
Modules on the MA Modern History

“What is Cold War? Whose Gold War was it? How many of the post-war developments and conflicts did it encompass? Should we approach it as a global conflict, a bipolar rivalry or a struggle for Europe and the Third World? Are we currently experiencing a new Cold War? My MA module on Cold War Histories explores these key definitional dilemmas and redefines our understanding of the Cold War today.”

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“I’m really interested in working with people with communication difficulties. I love the medical aspect of my course, especially getting to see real structures in the dissection room. It helps it all make sense.”

Laura Hayes
MMedSci Speech and Language Therapy

Human Communication Sciences

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We'll give you the practical experience, expert teaching and career-long support to pursue your ambitions.

Course	Duration
MMedSci Speech and Language Therapy	2 yrs FT
MSc Language and Communication Impairment in Children	2 or 3 years PT distance learning
PGDip Language and Communication Impairment in Children	2 yrs PT distance learning
PGCert Language and Communication Impairment in Children	1 yr PT distance learning
MSc Speech Difficulties	1 yr FT / 2 or 3 years PT distance learning
PGDip Speech Difficulties	1 yr FT / 2 yrs PT distance learning
PGCert Speech Difficulties	1 yr PT distance learning
MSc Acquired Communication Disorders	1 yr FT / 2 or 3 years PT distance learning
PGDip Acquired Communication Disorders	1 yr FT / 2 yrs PT distance learning
PGCert Acquired Communication Disorders	1 yr PT distance learning

Gain practical experience in our on-site clinic

The Philippa Cottam Communication Clinic opened in 1993, and is based in our very own Department of Human Communication Sciences.

Having an active clinic on-site gives you the opportunity to gain valuable practical experience during your masters degree. The clinic's observation and treatment rooms give our students opportunities to work with people who have communication difficulties, undertake placements and conduct research projects.

Receive outstanding support throughout your career

We aim to support human communication specialists throughout their working life. That's why we offer a full range of courses including undergraduate degrees, masters degrees, PhD study opportunities and continuing professional development (CPD) courses and modules.

So, by choosing to study a masters degree with us you'll be joining a broad and supportive community, led by passionate teachers, clinicians and researchers who want to help you fulfil your ambitions long-term.

Learn from some of the best

We pride ourselves on the high quality of our teaching. We have strong links between theory and practice, with active researchers teaching on our courses. In the most recent Research Excellence Framework, 100% of our research impact was deemed to be 'world-leading' or 'internationally excellent', so you'd be learning from experts on the international stage.

Criminal records disclosure

The MMedSci Speech and Language Therapy requires a UK criminal records disclosure from the UK Disclosure and Barring Service (DBS). This is not a requirement for any other course unless you want to take part in clinical observations. If you are unsure whether you need one, please contact us for advice.

MMedSci Speech and Language Therapy

This course leads to a professional qualification to practice as a speech and language therapist. This enables the individual to work in a diverse range of settings and roles, from schools and hospitals to higher education and research. The course is approved by the Royal College of Speech and Language Therapists and the Health and Care Professions Council.

What will you learn?

You will investigate a range of subjects, including biomedical sciences, psychology, linguistics, communication and research methods. You will learn how to assess and manage a range of communication and swallowing disorders. Your skills will be put into practice through a series of clinical placements throughout the course. We're one of only a few departments of our kind to run an in-house clinic. So as an MMedSci student at Sheffield, you'll benefit from specialist facilities and training. To maximise your clinical skills, you'll go on placements in our clinic and in settings throughout Sheffield and surrounding areas.

Entry requirements

A 2:1 degree in any subject. Applicants with a 2:2 may be considered if their practical experience is particularly strong. For equivalent grades for your country, visit www.sheffield.ac.uk/international

You must have work experience relevant to speech and language therapy. For detailed information about what we look for in applications, application deadlines and our shortlisting process, see our website. If you are shortlisted, we'll ask you to come to an interview. You must produce an enhanced DBS disclosure and complete a health screening before starting the course.

English language requirements

Overall IELTS score of 8.0 with a minimum of 7.5 in each component, or equivalent.

Course content

The course follows six main themes:

1. Communication – linguistics, psychology and how this relates to speech and language pathology.
2. Participation and Society – how the study of sociology and social and health psychology impact on speech and language therapy.

3. Research Methods – develop the research skills essential to providing evidence-based health care.
4. Biomedical Sciences – anatomy, physiology, audiology and neurology, and how to link them to speech and language pathology.
5. Key Clinical Topics – develop your professional competence.
6. Professional Practice – put your skills to work for a range of clients with communication impairments.

Approaches to learning

The course provides an interactive learning experience involving active participation, case-based and inquiry-based learning and small group teaching with an overall emphasis on integrating theoretical knowledge with clinical expertise. Some practical teaching takes place in the University's human pathology laboratories. You will learn from a team of clinical and research specialists including speech and language therapists, psychologists, audiologists, linguists, information technologists, and medical practitioners. Throughout the course, you will be working closely with your peers and tutors in a supportive environment.

Assessment of your knowledge and skills uses a variety of methods. These include exams, coursework and evaluation of clinical work. Your dissertation comprises a research-based systematic review of a clinically relevant topic in the second year of the programme.

MSc/PGDip/PGCert Language and Communication Impairment in Children (LACIC)

This course is for teachers, speech and language therapists, and other professionals working with children with special educational needs. You'll develop your understanding of speech, language and communication and build on your existing skills. The course is delivered online, by distance learning, so you can gain a specialist qualification without having to leave your current job.

Entry requirements

For the PGCert/PGDip: a degree-level professional qualification, or a first degree, plus at least two years' experience of working with children.

For the MSc: minimum 2:1 honours degree and two years' relevant work experience with children.

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.0 in each component, or equivalent.

Core modules

PGCert, PGDip and MSc

Children's Learning; Language and Communication; Spoken and Written Language; Developing an Evidence Base for Practice.

PGDip and MSc

Research Methods A; Research Methods B (optional for PGDip).

Optional modules for PGDip and MSc levels only may include

Communication Diversity and Difficulties; Literacy: Difficulties and Intervention; Case Study; Research Methods B; Speech Difficulties.

For Communication Diversity and Difficulties, you can choose up to two specialist topics for assessment, such as Autism Spectrum Disorders; Developmental Language Disorder; Language and Behaviour; Language and Environment; Literacy Difficulties; Early Years; Adolescence; Multilingual Contexts.

Teaching

We provide material online for weekly study across the full calendar year. There are two or three (optional) study weekends per year in Sheffield. Essential reading material is available electronically. Online activities support your study and build links with tutors and other students.

Assessment

Modules are normally assessed by written assignments. MSc students are also assessed on their research dissertation.

MSc/PGDip/PGCert Speech Difficulties

This course is designed for speech and language therapists and other professionals with a special interest in communication difficulties. You can study part-time by distance learning or full-time.

Entry requirements

At least a 2:1 degree in a relevant discipline such as speech and language therapy/pathology, linguistics, education, psychology or computer sciences. For equivalent grades for your country, visit

www.sheffield.ac.uk/international

A background in phonetics is necessary for some modules and experience of working with clients with speech difficulties is an advantage.

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.0 in each component, or equivalent.

Core modules

PGCert

Spoken and Written Language; Developing an Evidence-Base for Practice; Speech Difficulties I: Nature and Investigation; Speech Difficulties II: Intervention and Management.

PGDip and MSc

Same four modules as for the PGCert; Research Methods A; Research Methods B (optional for PGDip).

Examples of optional modules for PGDip and MSc levels only

Communication Diversity and Difficulties; Methods in Clinical Linguistics; Literacy: Difficulties and Intervention. MSc students also complete a dissertation.

Teaching and assessment

Part-time students study online via distance learning plus optional attendance at study blocks lasting 2-3 days. These take place at regular intervals throughout the academic year. Full-time students may also attend lectures, seminars and practical workshops offered in the department. Each module is assessed by a written assignment.

MSc/PGDip/PGCert Acquired Communication Disorders

This course is for speech and language therapists/pathologists, linguists, psychologists or others with a relevant background who have an interest in acquired communication disorders such as aphasia, dysarthria and the communication difficulties secondary to dementia or traumatic brain injury.

The MSc will provide you with an up-to-date understanding of the main theoretical and clinical issues and approaches in this field and the implications of these findings for clinical intervention.

Entry requirements

At least a 2:1 degree in a relevant discipline such as speech and language therapy/pathology, linguistics, education or psychology. For equivalent grades for your country, visit

www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.0 in each component, or equivalent.

Core modules

PGCert

Acquired Language Disorders; Acquired Speech Disorders; Methods in Clinical Linguistics; Developing an Evidence Base for Practice.

PGDip

Same four modules as for the PGCert; Research Methods A; Research Methods B or an optional module if not continuing to the MSc; two optional modules.

MSc

Same four modules as for the PGCert; Research Methods A; Research Methods B; two optional modules; Dissertation/Evaluation of Clinical Practice.

Examples of optional modules

Students on the PGDip and MSc also take optional modules, from a range offered both within the department and across other departments in the University.



Dr Jenny Thomson

Teaches on:
PG Cert/Diploma/MSc Speech Difficulties
PG Cert/Diploma/MSc Language and Communication in Children

“My research investigates how children’s language and literacy develops and what happens when that process goes wrong. A particular interest is the impact of digital technology on development. My research and teaching constantly enrich each other.”

Apply

www.sheffield.ac.uk/masters

If you’d like to know more about any aspect of our courses, contact us:

+44 (0)114 222 2405
hcs-admissions@sheffield.ac.uk



“I chose to study at the Information School because of its academic reputation and because it allowed me to specialise in the topics of interest that will help me in my career. The facilities are excellent and the lecturers are very experienced and committed. There are also many different opportunities provided by the School and University to enhance your knowledge.”

Itzelle Medina
MA Librarianship

Information, Data and Knowledge Management

www.sheffield.ac.uk/is
informationschool-admissions@sheffield.ac.uk
+44 (0)114 222 2646

Course	Duration
MA Librarianship	1 yr FT / 2-3 yrs PT
MA Library and Information Services Management	2-3 yrs PT distance learning
MSc Information Management	1 yr FT / 2-3 yrs PT
MSc Information Systems	1 yr FT / 2-3 yrs PT
MSc Data Science	1 yr FT / 2-3 yrs PT
MSc Health Informatics	2-3 yrs PT distance learning

For experienced professionals (page 101)	
MA/PGDip/PGCert Librarianship	1 yr FT / 3 yrs PT
MSc/PGDip/PGCert Information Management	1 yr FT / 3 yrs PT
MSc/PGDip/PGCert Information Systems	1 yr FT / 3 yrs PT

You may also be interested in	
MA Multilingual Information Management	Page 110
MSc Information Systems Management	Page 119

Worlds No 2 for library and information management

QS World University Rankings 2019

We are a world leading centre for information, data, library and knowledge management research and teaching. Our courses are fully accredited by CILIP and will equip you with the knowledge and skills required by employers.

Your career

Effective use of information improves the world and makes a positive difference to our lives. It is also central to economic development. The rapid pace of technological change and the globalisation of markets means that organisations in all sectors must realise the value of information systems. The world needs graduates who are information literate.

Graduates take on roles such as data scientists, business intelligence consultants, information and knowledge managers, research data managers, librarians and e-commerce specialists. Graduates work across the private and public sector, for employers including Adidas, BBC, British Red Cross, Cambridge University, China Mobile,

The Department of Health, Hang Seng Bank, IBM, NHS, Pepsico, Pricewaterhouse Coopers and Stanford University.

If you’re already an experienced professional, you can develop new skills and advance your career with one of our Professional Enhancement Programmes.

Your subject

Our courses are research-led, which means you’ll learn about the latest concepts from academics who work with organisations to drive developments in this field. Alongside the theory and technical skills, you’ll develop valuable attributes including effective communication, application of research methods, management skills and creative problem solving.

How we teach

All our courses include lectures, seminars, group collaboration, online discussion, case studies and lectures by visiting speakers. On-campus students also benefit from practical laboratory classes, and our MA Librarianship course includes a programme of visits.



Learning facilities

Our dedicated departmental teaching suite contains two networked laboratories with 60 computers and a 30-seat lecture room. Our state of the art iLab includes a Usability Lab and Digital Media Lab designed to collect research data into human-computer interaction.

The iSpace is an open plan social learning area for students. It has display facilities, open-access PCs and bookable partitioned group work areas. There is Wi-Fi coverage throughout the department, and you can connect your own laptop to our network. Mobile devices and tablets are available for you to borrow for project work.

We're at the heart of the campus and close to the Information Commons and the new Diamond building which enables you to access the University's many resources.

Part-time study

Part-time students normally take two taught modules in each semester, depending upon whether the course is taken over three or two years. In the final year you'll also take a dissertation module.

Global learning opportunities

Global Learning Opportunities in the Social Sciences (GLOSS) gives students from the faculty the chance to engage with international policy makers and work in the field of international development.

www.sheffield.ac.uk/gloss/about

MSc Data Science

This CILIP-accredited course produces highly employable graduates for a rapidly expanding global job market. It was developed in collaboration with external organisations across a range of sectors to make sure you gain knowledge and learn skills that employers are looking for.

You'll learn the theory and the skills you need to support data-driven decision-making in organisations. The course covers three core areas: data management, data analysis and business insight. You'll get hands-on experience with data management and analysis. Industry experts contribute to the course, sharing their experience and talking you through examples of data science in action.

Our graduates are not just technically proficient. They're also keenly aware of broader issues such as data communication, privacy and ethics. That extra edge makes them even more attractive to employers.

Entry requirements

You'll need at least a 2:1 in any subject. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5, with a minimum of 6.0 in each component or equivalent.

Core modules

Data and Society; Introduction to Data Science; Data Mining; Data Visualisation; Data Analysis; Database Design; Research Methods and Dissertation Preparation; Dissertation.

Examples of optional modules

Business Intelligence; Information Governance and Ethics; Researching Social Media; Digital Advocacy; Big Data Analytics; Human Computer Information Interaction.

MSc Health Informatics (Distance Learning)

This CILIP-accredited course is aimed at health care professionals who want to improve services in their sector by getting more out of information and communication technologies. It's taught online so you can fit it around your work.

Alongside the more specialised knowledge, you'll acquire valuable transferable skills such as presentation and report writing. We can also help you develop leadership and management capabilities.

First-year students take part in an online induction before the course starts. The rest of the course uses specialised software to deliver lectures, seminars and tutorials online, both in real time and asynchronously. In the final year, you'll complete a research dissertation, supervised by an academic.

Entry requirements

Entry requirements are flexible. You'll need a combination of an honours degree in a science, technology, medical or health subject, experience in using computer systems, and work experience in the health sector.

If you don't have a degree but you have a lot of relevant work experience, you could apply to take the certificate or the diploma. If you make good progress, you could go on to the full MSc.

English language requirements

Overall IELTS score of 6.5, with a minimum of 6.0 in each component or equivalent.

Core modules

Analysis of Health Information; Evidence-based Practice and Health Care Information; The Internet, Web and E-Health; Information and Knowledge Management; Information Systems in Health; Introduction to Health Informatics; Research Methods and Dissertation Preparation; Dissertation.

Examples of optional modules

Public Health Informatics; Leadership, Strategy and Change; Information Governance and Ethics.

Courses for experienced professionals

The following three courses are available as Professional Enhancement Programmes, designed for experienced professionals (in addition to being available as standard programmes). The emphasis is on helping you re-evaluate the way you work in the context of new and emerging ideas.

As an experienced professional, you'll take fewer core modules than students who are starting from scratch. This leaves you free to choose more optional modules, so you can focus on what's most relevant to you in your job.

If you don't have a first degree, but you have other qualifications and relevant work experience, you may be able to take the PGDip or PGCert. Please contact us for more information.

MSc Information Management

This CILIP-accredited course focuses on the theoretical and practical skills you need for a career in information management. The aim is to make you into the kind of person employers are looking for: information literate with the organisational and technical know-how to design, implement, and manage information environments in support of organisational goals.

You'll acquire valuable transferable skills such as presentation and report writing. We can help develop your skills as an information leader.

If you're an experienced professional, you could consider taking the Professional Enhancement Programme.

Entry requirements

You'll need at least a 2:1 in any subject. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5, with a minimum of 6.0 in each component or equivalent.

Core modules

Dissertation; Information and Knowledge Management; Information Governance and Ethics; Information Retrieval: Search Engines and Digital Libraries; Information Systems in Organisations; Research Methods and Dissertation Preparation.

Examples of optional modules

Database Design; Information Systems Project Management; Researching Social Media; Digital Advocacy; Business Intelligence; Academic and Workplace Library, Information and Knowledge Services; Archives and Records Management; E-Business and E-Commerce; Information Systems Modelling; Information Visualisation for Decision-Making; Search Engine Optimisation (SEO) and Website Design; Introduction to Programming; ICTs, Innovation and Change.

MSc Information Systems

This CILIP-accredited course will prepare you for a career in the private or the public sector. It includes specialist modules from the Department of Computer Science so you can specialise in either a technical computing route or an organisational and information-focused route.

You'll acquire valuable transferable skills such as presentation and report writing. We can help develop your skills as an information systems leader.

If you have little or no relevant work experience, the standard course is for you. If you're more experienced, you should take the Professional Enhancement Programme.

Entry requirements

You'll need at least a 2:1 in any subject. Relevant work experience is an advantage but we'll give consideration to candidates without experience. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5, with a minimum of 6.0 in each component.

Core modules

Foundations of Object Oriented Programming or Introduction to Programming (students must choose one of these two as this decides their pathway through the programme); Professional Issues; Information Systems Project Management; Information Systems Modelling; Information Systems in Organisations; Information Systems and the Information Society; Dissertation.

Examples of optional modules

Advanced Java Programming; Computer Security and Forensics; Web Technologies; User Interface Design and Human Computer Interaction; E-Business and E-Commerce; Researching Social Media; Information Governance and Ethics; Business Intelligence; Database Design; ICTs, Innovation and Change.

MA Librarianship

This course is designed to equip you with the skills you need to enter the library and information profession, or to progress in your existing library or information career.

The course has professional accreditation from CILIP, and provides key skills, such as management of information resources, information literacy support, and effective information retrieval. The course also allows you to specialise in areas that interest you, including academic libraries, archives, public libraries and library services for young people. Modules explore the management of digital as well as traditional libraries. The programme gives you an understanding of the latest thinking and up-to-date good practice, as well as the library profession's enduring values.

Entry requirements

You'll need at least a good 2:2 in any subject and you would normally be expected to have some library or related work experience, but there is flexibility around this. Please contact us if you have any queries about your work experience. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5, with a minimum of 6.0 in each component or equivalent.



“The course has exceeded my expectations. The subjects and materials are relevant to my current role and the course has provided an opportunity to improve transferable skills.”

Josephine Bailey
MA Library and Information
Services Management student

Core modules

Dissertation; Management for Library and Information Services; Information Organisation; Information Literacy; Libraries, Information and Society; Research Methods and Dissertation Preparation.

Examples of optional modules

Archives and Records Management; Information Governance and Ethics; Researching Social Media; Data and Society; Digital Advocacy; Business Intelligence; Database Design; Digital Multimedia Libraries; Public and Youth Library Services; Academic and Workplace Library, Information and Knowledge Services.

MA Library and Information Services Management (Distance Learning)

This CILIP- accredited programme focuses on the creation, management and use of information, and the role that libraries and information services play in their communities. On the course, you will develop core skills and expertise to support your career development. You will learn about key strategic, operational and ethical issues involved in leading and supporting physical and digital library and information services. The course covers the latest theory and good practice.

The programme will enable you to apply what you learn in your working life immediately and also bring your professional experience to bear on your learning. It is taught completely online to fit around your other commitments, but at the same time encourages you to interact with fellow professionals on the course as well as with expert teaching staff and guest lecturers. And you can study from anywhere in the world.

Entry requirements

Entry requirements are flexible. You'll need a combination of a good second-class honours degree and around 12 months' information-related practical work experience. If you don't have a degree but your professional experience is extensive, you might be able to take the postgraduate certificate or diploma and upgrade to the MA later.

English language requirements

IELTS 6.5 with at least 6.0 in each component or equivalent.

Core modules

Libraries, Information and Society; Information Literacy; Leadership, Strategy and Change; Information Organisation; Information and Knowledge Management; Personal and Professional Development Portfolio; Research Methods and Dissertation Preparation; Dissertation.

Examples of optional modules

Public and Youth Library Services; Academic and Workplace Library, Information and Knowledge Services; Information Governance and Ethics; Database Design and Data Management.

PG Dip/PG Cert Librarianship

PG Dip/PG Cert Library and Information Services Management

PG Dip/PG Cert Information Management

PG Dip/PG Cert Information Systems

PG Dip/PG Cert Data Science

PG Dip/PG Cert Health Informatics

These courses will suit applicants who choose not to take the full masters course. In some cases they may be suitable for applicants who do not meet the entry requirements but have relevant work experience. They could also potentially lead to a full masters.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

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informationschool-admissions@sheffield.ac.uk



Journalism Studies

www.sheffield.ac.uk/journalism
journalism-admissions@sheffield.ac.uk
+44 (0)114 222 2500

Our students see journalism's bigger picture: freedom of expression, 'fake news', media ethics and globalisation, as well as digital reporting techniques. That's why they become great journalists, communications experts and media researchers.

Course	Duration
MA Journalism	1 yr FT
MA Broadcast Journalism	1 yr FT
MA Magazine Journalism	1 yr FT
Postgraduate Diploma Journalism	9 months FT
Postgraduate Diploma Broadcast Journalism	9 months FT
Postgraduate Diploma Magazine Journalism	9 months FT
MA International Public and Political Communication	1 yr FT
MA Global Journalism	1 yr FT

You may also be interested in

MSc Science Communication [Page 160](#)

Our graduates work for major organisations including the BBC, Sky, The Guardian and The Times.

Your career

A masters from Sheffield opens doors in the media industry. Graduates from our applied courses are creative, disciplined journalists. They're working in radio and television, newspapers and magazines, print and online, across the UK and internationally. The International Public and Political Communication and Global Journalism courses are good preparation for a PhD, an academic career and work in the communications industry. Many graduates work in international development and with NGOs and lobbying groups.

Channel 4 News, BBC Newsnight and Radio 5 Live, The Times, The Guardian, Shanghai Global Times, Press Association, ESPN, Reuters and Wall Street Journal have all recently employed Sheffield Journalism Studies alumni.

About us

Great things come out of the special blend of academic expertise and professional journalistic experience that makes up our teaching team. Staff include pro journalists who've spent decades in newsrooms and on the streets, for the BBC, for newspapers, for commercial broadcasters – breaking big stories, keeping track of digital innovation in the media, and winning awards for the quality of their teaching. Our researchers author essential textbooks like the Oxford Dictionary

of Journalism and McNae's Essential Law for Journalists, explore issues like propaganda, media and conflict, and work with the United Nations to protect journalists' safety and freedom across the world.

Guests from the media industries, regulators, campaigning groups and research institutes give lectures in the department. Broadcast editors run radio and television newscasts, and print and online production editors bring their expertise to newspaper, web and magazine exercises.

Work experience

If you're taking one of our three applied courses, we encourage you to go on a work placement of one to three weeks during vacation time. Employers regularly notify us as opportunities come up and we have a dedicated work placement administrator to help you find a placement that's right for you. Our students often find a work placement leads to a job after graduation.

Professional accreditation

Our three applied postgraduate courses are accredited by the main professional bodies representing the media industries: the National Council for the Training of Journalists, the Broadcast Journalism Training Council and the Professional Publishers Association.

Real-world learning environment

Our four large multimedia newsrooms are designed to simulate a real working environment. The digital print newsroom is equipped with 30 PCs, all of which have access to the latest production software such as Adobe InDesign, InCopy and Photoshop. You'll also have access to a Press Association newsfeed, telephones, daily newspapers and Sky TV.

The broadcast newsrooms and edit suite are equipped with industry-standard software for radio and TV production and networked to simulate a professional newsroom. Our TV studio and gallery were refurbished in 2018 with brand new tech. The studio is transformed, allowing us to use virtual sets and enhance broadcasts with live two-way interviews, and integrate graphics into news productions.

The state-of-the-art radio studio combines functions for monitoring wires, writing scripts, editing audio and compiling bulletins or running orders for radio programming. We use digital audio recorders and industry-standard audio editing software including Reaper and Adobe Audition.

Students on the applied MA courses learn how to produce stories for a variety of online formats, including multimedia pieces for websites and social media. This includes how to use audio recorders, video and stills cameras to gather content and how to use software like Adobe Premiere Pro to produce the final article.

Global learning opportunities

Global Learning Opportunities in the Social Sciences (GLOSS) gives students from the faculty the chance to engage with international policy makers and work in the field of international development.

www.sheffield.ac.uk/gloss/about

Postgraduate diplomas

The three applied courses can be taken without a final dissertation. In this case your degree award becomes a Postgraduate Diploma (PgDip) rather than a masters.

Entry requirements

To take one of our MA courses you must have one of the following:

- A 2:1 honours degree (we will consider a 2:2 if we are sufficiently impressed by your potential).
- An alternative qualification approved by the University as degree equivalent.
- Substantial previous work experience in a media-related role.

For equivalent grades for your country, visit www.sheffield.ac.uk/international

Funding

There are a number of bursaries for students on the journalism, magazine and broadcast courses, from the Scott Trust (owner of The Guardian), Journalism Diversity Fund and others. For details please see www.sheffield.ac.uk/journalism/masters/funding

MA Broadcast Journalism

Accredited by the Broadcast Journalism Training Council

Determined, articulate, and fascinated by current affairs and radio and television news? Learn journalism in our Broadcast Zone, using industry-standard tech, then go into the city to film and record – and put your skills to the test on production newsdays, working with a team to hit tough deadlines for the bulletins you create. We'll prepare you for the multimedia environment by teaching you how to create audio and video for the web and how to use social media effectively.

Core modules

Researching News; Broadcast News; Law for Journalists; Ethics and Regulation; Power and Society; Advanced Broadcast Journalism; portfolio (PGDip students don't take this module).

Optional modules

Dealing with Data: Statistics for Journalists; Communicating with the Media; Radio and NGO Communication in Conflict-Affected Areas; Media Freedom: European, UK and US Perspectives.

English language requirements

Overall IELTS score of 7.0 with a minimum of 7.0 in each component, or equivalent.

Teaching and assessment

There are lectures, seminars, group workshops, individual and team assignments. You're assessed on essays, examinations and practical broadcast journalism – producing news stories, radio and TV news items and features, web pages and portfolios.

MA Global Journalism

This far-reaching journalism degree combines research on media practice and freedom around the world with some practical newswriting experience and events. Join up and you'll look at journalism within the context of globalisation, comparing and contrasting media practice around the world, immersed in vital discussions around the relationship between media, society and government – at a hugely critical moment for freedom of expression. Our annual International Journalism Week is a focal point, with high-level discussions led by media professionals, researchers and campaigners from around the world.

Core modules

Writing for the Media; The Weaponisation of the Media: Abuses of the Principle of Publicity; The Victimisation of the Media: Challenges and Threats to the Principle of Publicity; Research Methods; Journalism, Globalisation and Development; Dissertation.

Optional modules

Journalism in Britain; Language and Communication: A Data-Driven Approach; Media Freedom: European, UK and US Perspectives; Radio and NGO Communication in Conflict-Affected Areas; International Visual Public and Political Communication; Dealing with Data: Statistics for Journalists; Political Communication in Times of War, Crisis and Terrorism; Media and Public Communication in Japan; Media, State and Society in China; Researching Social Media; Digital Advocacy.

English language requirements

Overall IELTS score of 6.5, with a minimum of 6 in each component.

Teaching and assessment

We teach through lectures, seminars, workshops and research exercises. You're assessed by essays, examinations and a dissertation.

MA International Public and Political Communication

Messages and viewpoints are all around us at all times. Political parties, institutions, pressure groups, charities and NGOs shape messages to influence public opinion and policymakers. Join

us on this degree and you'll learn about media relations, political marketing and the scope and significance of political communication. You'll develop skills in communicating with the media (including media training) and using different media outlets to promote ideas through advocacy and lobbying.

We teach a deep critical understanding of key debates around the intersection of the media and public and political communication internationally. So this degree is a good route into PhD study as well as a solid foundation for careers in lobbying, journalism, public relations and more.

Core modules

Research Methods; Comparative Perspectives of Public and Political Communication; Introduction to Political Communication; Media, Society and International Crises; Public and Political Campaigning; Communicating With The Media; International Visual Public and Political Communication.

Dissertation

Your dissertation is undertaken in semester 2.

English language requirements

Overall IELTS score of 6.5, with a minimum of 6 in each component.

Teaching and assessment

We teach through lectures, seminars, workshops and research exercises. You're assessed by essays, examinations and a dissertation.

MA Magazine Journalism

Accredited by the Professional Publishers Association

Magazine publishing is a fast-paced and exhilarating section of the media industry. Titles have proliferated across all subjects, and the most successful become multi-platform super-brands. Journalists who work on them need to write beautiful copy, podcast, shoot video, and serve their readers in both print and a dynamic digital landscape. Take this rewarding degree and we'll equip you to create your own magazine brand from scratch and captivate the audience you choose. You'll create news, feature and interview content to fill your title's pages and screens, and get a handle on managing live web content and social media. Alumni have a glittering track record of employment and industry awards for excellence.

Core modules

Researching News; Law for Journalists; Ethics and Regulation; Magazine Journalism; Power

and Society; Advanced Magazine Journalism; portfolio (PGDip students omit this module). Magazine students will also have the opportunity to learn Teeline shorthand.

Optional modules

Dealing with Data: Statistics for Journalists; Communicating with the Media; Radio and NGO Communication in Conflict-Affected Areas; Media Freedom: European, UK and US Perspectives.

English language requirements

Overall IELTS score of 7.0 with a minimum of 7.0 in each component, or equivalent.

Teaching and assessment

The course is a mix of lectures, seminars, group workshops, individual and team assignments. You're assessed on essays, examinations and practical work that involves conceiving, designing, writing and producing magazines and web pages.

MA Journalism

Accredited by the National Council for the Training of Journalists

News reporting takes expertise in creating and publishing digital content alongside a solid grasp of traditional skills and knowledge. Take this degree and you'll develop both – in our online newsrooms and out on the streets of the city, using your learning in web publishing, shorthand, video, page layout, media law and ethics to hunt down and write up stories to meet real-time deadlines with your team. Our alumni are intelligent and successful journalists who are excellent at both traditional newswriting and digital mobile journalism.

In November 2017, MA Journalism at Sheffield was rated the UK's top-performing postgraduate course by the National Council for the Training of Journalists.

Core modules

Researching News; Writing News; Law for Journalists; Ethics and Regulation; Power and Society; Advanced Print Journalism; dissertation/portfolio (PGDip students don't do this module). Print students will also learn Teeline shorthand.

Optional modules

Dealing with Data: Statistics for Journalists; Communicating with the Media; Radio and NGO Communication in Conflict-Affected Areas; Media Freedom: European, UK and US Perspectives.



“I did the Broadcast Journalism MA at Sheffield. The most valuable part of the course was the work experience. That gave me a real idea of what working in the industry would be like. When I did get a job, I felt like I was already up and running. Over the years I've worked in local and regional radio and TV and was a presenter on the BBC News Channel for a few years before moving into network TV about 12 years ago. I currently present BBC Breakfast three days a week and host Football Focus every Saturday.”

Dan Walker
Sports journalist, broadcaster and
MA Broadcast Journalism graduate

English language requirements

Overall IELTS score of 7.0 with a minimum of 7.0 in each component, or equivalent.

Teaching and assessment

There are lectures, seminars, group workshops, individual and team assignments. You're assessed on essays, examinations and practical journalism work – producing news stories, newspaper pages, web pages and portfolios. You'll also have the chance to sit external examinations set by the NCTJ.

MSc Science Communication

We offer this degree in collaboration with the Faculty of Science. See page 160 for details.



www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

+44 (0)114 222 2500
journalism-admissions@sheffield.ac.uk



“I decided to study landscape architecture after searching for graduate jobs outdoors. So far I have enjoyed everything about the course. Every day is exciting because you are challenged and learn something new. I feel grateful to be able to learn and practise something about which I am fascinated and passionate.”

Tobías Edwards
MA Landscape Architecture



Landscape Architecture

 www.sheffield.ac.uk/landscape
 landscape-admissions@sheffield.ac.uk
 +44 (0)114 222 0617

As the largest and only independent department of landscape architecture in the UK, Sheffield is a great place to study. We are rated first in the UK for research and our graduates are in demand.

Course	Duration
MA/PGDip Landscape Architecture	2 yrs FT
MA/PGDip Landscape Management	1 yr FT / 2–3 yrs PT
MA/PGDip Landscape Studies	1 yr FT

The UK's top landscape architecture department

REF 2014

Your career

Our graduates work all over the world, in private practice and for public organisations. Some work for councils and national parks or for wildlife trusts. Others go into conservation and forestry. Our graduates also work in administration and policy making for organisations such as Natural England and DEFRA.

A world-leading department

The 2014 Research Excellence Framework (REF) rates us the best landscape department in the UK. World-leading research informs our masters courses. You'll be taught by leading experts such as Anna Jorgensen, Nigel Dunnett, and Olympic meadows co-designer James Hitchmough.

We offer taught courses including design, management, planning, and the ecological, social and cultural aspects of landscape. Our Postgraduate Diploma in Landscape Architecture is accredited by the Landscape Institute and the International Federation of Landscape Architects.

A creative environment

Each year-group has access to a studio. You'll use the latest technology, just as you would in practice. Our computer suites are equipped with CAD and digital imaging and publishing software, and A4–A0 colour printing facilities.

We're based in the Arts Tower, an iconic, Grade II* listed building that has just had a £25 million refurbishment. Our studios are equipped with wireless and digital projection facilities, portfolio and locker space and you have your own kitchen and common room.

In the UK's greenest city

Sheffield is an ideal city in which to study Landscape Architecture. Its changing face has been shaped by projects like Grey to Green and Love Square, which are led by our academics and give our students the opportunity to get involved with real-world projects.

Global learning opportunities

Global Learning Opportunities in the Social Sciences (GLOSS) gives students from the faculty the chance to engage with international policy makers and work in the field of international development. www.sheffield.ac.uk/gloss/about

MA/PGDip Landscape Architecture

This is a two-year conversion course for graduates who want to qualify and work as professional landscape architects. Whether you have a background in design or not, it will help you develop the skills needed for modern landscape architectural practice.

The first year provides a thorough grounding in the design, social, technical and scientific aspects of the profession. You'll learn about the history and theory of landscapes, develop visual and IT skills and tackle a broad range of design projects.

The second year gives you the opportunity to specialise in landscape planning, design or management, or to take a cross-cutting approach combining more than one aspect. During the Special Project, you'll work on a landscape architecture solution for a real-world site of your choice.

Entry requirements

Good honours degree, ideally in a subject related to landscape or design, for example ecology, geography, geology, architecture, engineering or fine art. For equivalent grades for your country, visit www.sheffield.ac.uk/international

If you don't have a degree, but you have relevant skills and experience, we may be able to consider your application. Please contact us to discuss.

English language requirements

Overall IELTS score of 6.5 with a minimum of 5.5 in each component, or equivalent.

Core modules

Landscape Architecture: Nature, Design, and People; Urban Ecological Design and Management; Landscape Planning; Landscape Urbanism and Design; Introduction to Landscape Research; Research Proposal and Dissertation Preparation; Landscape Research Dissertation.

Examples of optional modules

Choose two from: Urban Landscape Planning; Rural Landscape Planning; Urban Design Project; Landscape Design and Art Practice; Maintaining Green Infrastructure; Managing the Landscape.

Teaching and assessment

There are lectures, seminars, workshops, tutorials, critical feedback sessions, site visits and practicals. You're assessed on coursework assignments, dissertation, oral presentation and examination.

MA/PGDip Landscape Management

This is a one-year course that teaches students about effective management of both natural and designed landscapes. It embraces environmental, social, cultural and economic factors to optimise the management of many of our most iconic landscapes. You'll learn how to revitalise degraded, damaged or underused landscapes, while the Special Project and Dissertation allow you to explore topics of personal interest.

The programme is designed to allow landscape architects to develop a specialism within management, or to introduce landscape management to other professionals within the land-based, geographical or ecology sectors. It can be taken through either a Landscape Institute-accredited or non-accredited route.

Entry requirements

Accredited route: A degree in a relevant subject such as agriculture, botany, environmental science, forestry, landscape, ecology or countryside management and relevant work experience in the land-based, geographical or ecology sectors.

If you don't have a degree, you'll need relevant work experience and an alternative academic qualification. This will be subject to approval at faculty level.

Non-accredited route: A degree in a relevant subject (as above). If you don't have a degree, you'll need an alternative academic qualification and relevant work experience. This will be subject to approval at faculty level.

English language requirements

Overall IELTS score of 6.5 with a minimum of 5.5 in each component, or equivalent.

Core modules

Principles and Skills of Landscape Management ; Managing the Landscape; Maintaining Green Infrastructure; Landscape Professional Practice*; Special Project; Dissertation.

*Please note, students on the unaccredited route will take Landscape Architecture Scope and Diversity instead of Landscape Professional Practice.

Teaching and assessment

Teaching takes place through lectures, seminars, workshops, tutorials, critical



“My experience of studying landscape architecture at Sheffield was absolutely fantastic. Everything I learnt on the MA course has given me and amazing grounding for my career and the support and encouragement I received from my lecturers gave me the confidence I needed to start up my own business.”

Victoria Wade
MA Landscape Architecture graduate and owner of Victoria Wade Landscape Architecture

feedback sessions, site visits and practicals. Assessment is by coursework assignments, dissertation, oral presentation and examination.

MA/PGDip Landscape Studies

This course provides a foundation in landscape architecture. You'll explore different aspects of the discipline, learn skills and write a dissertation on a landscape topic that matters to you. If you complete this course, you may be able to join the second year of the MA Landscape Architecture and work towards a professional qualification. The end-of-year exhibition gives you the chance to present your work to prospective employers.

Entry requirements

Good undergraduate honours degree in a related subject. For equivalent grades for your country, visit

www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 5.5 in each component, or equivalent.

Core modules

Landscape Architecture: Nature, Design, and People; Urban Ecological Design and Management; Landscape Planning; Landscape Urbanism and Design; Introduction to Landscape Research; Research Proposal and Dissertation Preparation; Landscape Research Dissertation.

Teaching and assessment

There are lectures, seminars, workshops, tutorials, critical feedback sessions, site visits and practicals. You're assessed on coursework assignments, dissertation, oral presentation and examination.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

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landscape-admissions@sheffield.ac.uk



Professor Nigel Dunnett

Teaches on:

MA/PGDip Landscape Architecture; MA/PGDip Landscape Studies.

Research interests:

Sustainable planting design; the planting and ecology of green roofs; rain gardens; long-term dynamics of herbaceous vegetation.

Research focus:

Interdisciplinary research activity, focusing on the interface between ecology, design and horticulture in urban green space and built development.

Current research projects and publications:

www.sheffield.ac.uk/landscape/staff/profiles/ndunnett



Languages and Cultures

www.sheffield.ac.uk/slc
slc-admissions@sheffield.ac.uk
 +44 (0)114 222 0631

Course	Duration
MA Modern Languages and Cultures	1 yr FT / 2 yrs PT
MA Translation Studies	1 yr FT / 2 yrs PT
MA Intercultural Communication	1 yr FT / 2 yrs PT
MA Multilingual Information Management	1 yr FT / 2 yrs PT
MA Screen Translation	1 yr FT / 2 yrs PT
MA Intercultural Communication and International Development	1 yr FT
MA Crossways in Cultural Narratives	2 yrs FT

Russell Group top 10 for research impact

REF 2014

Sheffield is at the forefront of modern languages research.

Our courses are about overcoming barriers. An MA from Sheffield prepares you for a career in a multilingual workplace.

Your career

Our reputation for excellence means your MA will be highly respected by employers. You'll develop the skills to work in translation, culture and communication internationally or in the UK. Recent graduates have gone on to work for employers such as SDL, Transact, The Big Word, Zoo Digital, the University of Leeds, the State University – Higher School of Economics in Moscow, Centre for French and Francophone Studies, Jawaharlal Nehru University and as International Projects Director at a South Yorkshire college.

You may also choose to follow in the footsteps of students who have continued to PhD and have been awarded highly prestigious grants or PhD study such as WRoCAH scholarships.

About us

We constantly review and revise our degrees to make sure you keep on top of the latest developments in the field. You'll learn academic theory and practical skills – and how to relate the two.

Sheffield is at the forefront of modern languages research. The 2014 Research Excellence Framework (REF) ranks us among the top ten Russell Group universities for impact in this field. Recent projects include e-learning and knowledge exchange with industry, and three initiatives looking at language teaching and learning.

Our facilities

You can practise your English, French, German, Italian or Spanish with native speakers at our Modern Languages Teaching Centre. Our specially designed building has modern spaces for teaching and research. We're right next to the other arts and humanities departments, and there are lots of opportunities to share ideas.

MA Modern Languages and Cultures

This MA helps you develop a deeper understanding of your chosen language(s) and associated culture(s). You'll research the relationships between language, identity, culture and place and develop an ability to analyse and interpret an increasingly interconnected, multilingual and multicultural world.

Working with nationally and internationally recognised experts, you can focus on a single discipline (eg French Studies) or undertake an interdisciplinary programme across two or more languages and cultures. You can engage with topics such as literature, linguistics, history, visual and film studies, politics, migration, and postcolonial or gender studies, as appropriate to your interests.

The programme is ideal for students with a background in French and Francophone studies, Germanic studies (German and Dutch), Hispanic and Lusophone studies (Spanish, Catalan and Portuguese; Latin America), Luxembourgish studies, or Russian and Slavonic studies (Russian and Czech; the former USSR).

Entry requirements

You'll need a 2:1 honours degree in a language-related discipline such as linguistics, literature or a language. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.5 in each component, or equivalent.

Core modules

Topics in Modern Languages and Cultures 1; Topics in Modern Languages and Cultures 2; Research Methods in Modern Languages and Cultures; Research Seminar module; Dissertation.

Examples of optional modules

Approaches to Literary and Cultural Studies (Critical Theory) I; Approaches to Literary and Cultural Studies (Critical Theory) II; Concepts and Approaches in Intercultural Communication; Language in Context; Film Translation of Literary Classics; Social Approaches to Multilingualism; Translation Skills.

Teaching and assessment

Lectures and seminars, independent research, projects. Assessment is by dissertation, coursework assignments, projects and presentations.

MA Translation Studies

You will learn the theory and practice of translation and gain technological knowledge and skills needed to work in the translation industry. You'll learn how to use the standard strategies, procedures and techniques of translators, as well as enhancing your interpretative and analytical skills.

We'll help you develop your ability to translate from at least one language. Translation options are: from English into Arabic, Chinese, Polish and Italian or translation from Czech, Dutch, French, German, Portuguese, Russian and Spanish into English.

Entry requirements

You'll need a 2:1 honours degree in a language-related discipline such as linguistics, literature or a language. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.5 in each component, or equivalent.

Core modules

Concepts and Approaches in Translation; Translation Technologies; Translation Skills and Genres; Dissertation.

Examples of optional modules

Translation Skills; Localisation for Linguists; Language in Context; Film Translation of Literary Classics; Concepts and Approaches in Intercultural Communication; International Management; International Project Management; Enhanced Languages; Theory and Practice of Subtitling.

Teaching and assessment

Lectures, seminars, small-group work and workshops. You'll be assessed on essays, presentations, practical translation technologies projects, translation assignments, a translation exam and a dissertation.

MA Intercultural Communication

We'll cover the main theories of intercultural communication, including best practice for effective communication at work. This will enable you to connect theory with real-life situations. If you want to work in an international, multicultural environment, and develop advanced intercultural competence and communication skills in more than one language, this course is for you.

Entry requirements

A 2:1 degree in arts or social sciences and an advanced working knowledge of two languages (CEFR B1/B2). For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.5 in each component, or equivalent.

Core modules

Concepts and Approaches in Intercultural Communication; Intercultural Communication in Practice; Ethnography; Dissertation.

Examples of optional modules

Languages for Intercultural Communication; Tandem Learning for Intercultural Communication; International Management; International Project Management; Language in Context; Localisation for Linguists; Translation Skills; Enhanced Languages/ Translation Modules.

Teaching and assessment

Lectures, seminars, small-group work and workshops. You'll be assessed on essays, presentations and a dissertation.

MA Multilingual Information Management

You'll develop language skills and cultural awareness, along with strong technical skills in web content management, electronic publishing and usability. Employers will be attracted by your abilities in project management and knowledge of new media marketing. This course is taught by two departments – the School of Modern Languages and the Information School, Sheffield's top-rated iSchool.

Entry requirements

You'll need a 2:1 or equivalent in any subject discipline. You must also have an advanced working knowledge of two languages (CEFR B1/B2), one of which should be English. For equivalent grades for your country, visit www.sheffield.ac.uk/international



We expect you to be familiar with Microsoft Word and email, and willing to learn more advanced packages.

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.5 in each component, or equivalent.

Core modules

Search Engine Optimisation and Website Design; Information Retrieval: Search Engines and Digital Libraries; Concepts and Approaches in Intercultural Communication; Localisation for Linguists; Study and Dissertation Support; Dissertation.

Examples of optional modules

Translation Skills; Translation Technologies; Film Translation of Literary Classics; International Management; International Project Management; Enhanced Languages; Information and Knowledge Management; E-Business and E-Commerce; Information Systems in Organisations; Researching Social Media; Content Management Systems; Information System Modelling; Language in Context; Translation module/Enhanced Languages; Project; Theory and Practice of Subtitling 1.

Teaching and assessment

Lectures, seminars, small-group work and workshops. You'll be assessed on essays, practical information technologies projects and a dissertation.

MA Screen Translation

You'll learn the theory and practice of screen translation, and gain the technical knowledge and skills needed to work in this specialised area. By studying the theory and working on practical subtitling projects, you'll find out how the profession works and develop an awareness of the linguistic and cultural issues involved.

In addition, we'll help you to develop your ability to translate from at least one language (current translation options are: from English into Arabic, Chinese, Polish and Italian or translation from Czech, Dutch, French, German, Portuguese, Russian and Spanish into English).

Entry requirements

You'll need a 2:1 honours degree in a language-related discipline such as linguistics, literature or a language. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.5 in each component, or equivalent.

Core modules

Theory and Practice of Subtitling; Translation Skills and Genres; Subtitling Project; Dissertation.

Examples of optional modules

Translation Skills; Film Translation of Literary Classics; Concepts and Approaches in

Intercultural Communication; Language in Context; Intercultural Communication; International Project Management; Localisation for Linguists; International Management; Localisation for Linguists.

Teaching and assessment

Lectures, seminars, small-group work and workshops. You'll be assessed on essays, presentations, practical subtitling projects, translation assignments, a translation exam and a dissertation.

MA Intercultural Communication and International Development

This course is designed to produce international development practitioners with advanced intercultural communication skills – it's taught by the School of Languages and Cultures and the Department of Geography. A module on international project management integrates the two subjects and there are communication seminars designed for developers.

Fieldwork is important. The course includes a compulsory field class in the global south. Recent field classes were in the Galapagos, Nepal and Tanzania.

In a global society based on fairness, everyone's voice should be heard. The world needs developers who can communicate across cultural boundaries and bring people together. As a graduate of this course, you'll be well placed to make a difference.



Entry requirements

A 2:1 in an arts or social sciences subject and an advanced working knowledge of two languages (CEFR B1/B2). For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.5 in each component, or equivalent.

Core modules

Concepts and Approaches in Intercultural Communication; Ethnography: reflective practice; Ideas and Practice in International Development; Intercultural Communication in Practice; International Development Field Class; Placement Dissertation; Research Methods in Modern Languages and Study and Dissertation Support. You'll also take a ten-day field class overseas. The cost of the field trip class is included in the fees. There will be an extra cost for the dissertation placement in the global south but it's great experience and value for money.

Examples of optional modules

International Management; Language in Context; Key Issues in Environment and Development; Understanding Environmental Change; Living with Climate Change; International Project Management; Translation Skills; Enhanced Languages Project 1; Enhanced Languages Project 2; Tandem Learning for Intercultural Communication; Localisation for Linguists; Cities of Diversity; Cities of the South: Planning for Informality; Intercultural Communication in Practice.

Teaching and assessment

Lectures, seminars, small-group work and workshops. You're assessed on coursework and a dissertation. The dissertation involves a work placement (often undertaken in the global south) with a development organisation.

MA Crossways in Cultural Narratives

This ERASMUS-MUNDUS Masters programme is a truly international course: EU-funded, multilingual, multidisciplinary and taught by a consortium of European and North and South American universities.

Literature is the main subject. The approach is comparative. There are also modules in aesthetics, the history of ideas, semiotics, linguistics and communication.

You'll study at three of the participating universities. They are: University of Sheffield, England; University of Bergamo, Italy; New University of Lisbon, Portugal; University of Perpignan, France; University of Poznan, Poland; University of St Andrews, Scotland; University of Santiago de Compostela, Spain; University Iberoamericana, Mexico; University of Guelph, Canada; University of Tuebingen and National University of Tres de Febrero.

Core modules

No core modules.

Examples of optional modules

Approaches to Literature and Cultural Studies; Spanish Culture and Literature; Spanish American Literature and Society; Catalan Culture and Literature; Contemporary Portuguese Language and Literature; French Film Studies; Haïti : La Tragédie; Modern German Thought; Concepts and Approaches in Translation Studies; Concepts and Approaches in Intercultural Communication; Intercultural Communication in Practice – some modules from the School of English and the Department of History, subject to availability.

You can also take language-learning modules and an internship option is available.

Teaching and assessment

Lectures, seminars, small-group work and workshops. You'll be assessed by coursework.

Important information

You can't apply directly to Sheffield for this course. For further information visit: www.munduscrossways.eu

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

+44 (0)114 222 0631
slc-admissions@sheffield.ac.uk



"I decided to come to the University of Sheffield, not just for its good reputation but because of the scholarships on offer. I find it very interesting to study how the laws of war govern conduct in situations where relationships between states break down. My favourite thing about my course is how many different elements there are. After completing my LLM I would like to continue with further study and pursue a PhD in cyber conflict, before entering into a career in academia."

Alethea Lucas
 LLM (International Law and Global Justice)

Law and Criminology

www.sheffield.ac.uk/law
law-admissions@sheffield.ac.uk

Our award-winning teaching is informed by our world-class research in law, criminology and criminal justice. Our graduates are in demand all over the world.

Course	Duration
LLM Law	
LLM Corporate and Commercial Law	
LLM International Law and Global Justice	1 yr FT / 2 yrs PT
LLM Law (Doshisha)	2 yrs FT
MA International Criminology	1 yr FT / 2 yrs PT
PGCert International Criminology	1 yr FT / 2 yrs PT
Graduate Diploma in Law	1 yr FT
MA Law	2 yrs FT / 3 yrs PT
Legal Practice Course (MA in Legal Practice)	1 yr FT / 2 yrs PT

A top 10 law school, helping to shape the law and global society

REF 2014

Who we are

We're a forward-thinking, innovative law school. Our research helps shape global policy. We aim to empower and protect people and improve lives.

The 2014 Research Excellence Framework (REF) ranks us joint tenth in the UK. Ninety per cent of our research was judged world-leading or internationally excellent.

We offer a wide range of law and criminology courses. Our LLM courses are designed to give you the opportunity to gain masters-level knowledge and skills across a diverse range of legal topics and to tailor the course to your own interests and career aspirations.

Our leading criminology courses are delivered by internationally renowned academics within our Centre for Criminological Research, one of the four original criminological centres of excellence in the UK.

Uniquely among English Russell Group law schools, we also offer the opportunity for you to complete both the academic and vocational stages of qualifying as a solicitor in our Centre for Professional Legal Education.

Your career

Our graduates include CEOs, lawyers, partners in large corporate firms, judges and barristers. Others are solicitors, academics, politicians and policy makers or work in criminal justice or the public sector, including the Home Office. Many of our graduates become legal practitioners.

You can use your postgraduate training in different ways, including business, policy development, teaching or research. Our staff can support you in whichever path you choose, having a wealth and variety of experience across all these areas.

Your course will give you the opportunity to meet and engage with professional organisations. Our excellent careers service will support you from the outset, helping you to identify your strengths and plan your next move. We also offer specialised careers advice to Legal Practice Course, Graduate Diploma in Law and other postgraduate students who wish to pursue a career in the legal profession.

How we teach

Many of our academics are internationally respected for their research. Their groundbreaking work informs what they teach. Their research and academic expertise, combined with real-world experience, adds a valuable dimension to your learning.

Our research groups cover a lot of ground, including criminology, commercial law and law in its international context. You'll benefit from their expertise via seminars, small group work and one-to-one support. Your course will equip you with an in-depth knowledge of your chosen area of law or criminology.

We have our own courtroom, a dedicated postgraduate computer room and quiet study space. Wi-Fi is available throughout the building so you can easily access the library's online collections. Our students can also access our e-resources from anywhere in the world.

Global learning opportunities

Global Learning Opportunities in the Social Sciences (GLOSS) gives students from the faculty the chance to engage with international policy makers and work in the field of international development.

www.sheffield.ac.uk/gloss/about

The Sheffield LLM

The Sheffield LLM is a flexible programme, giving you the opportunity to gain masters-level knowledge and skills across a diverse range of legal topics and to tailor the course to your own interests and career aspirations.

Teaching is research-led and practice-oriented. You are encouraged to undertake your own independent research to support your learning. There are opportunities to get involved with conferences and research seminars, many of which involve visiting experts from the UK and overseas, as well as staff from the School of Law.

The course is delivered through weekly seminars in each subject area, with assessment through essays and a dissertation. By opting for the Sheffield LLM you retain maximum flexibility. You can choose modules from across our whole range of LLM pathways, as detailed below. This course is ideal if you're looking for a strong foundation that covers a range of different areas of study.

If you prefer to specialise in a particular subject area, the Sheffield LLM also offers, under the same course code, the option to follow one of three specialist pathways.

If you're not sure which specialist pathway you want to follow, don't worry, you can stick with the Sheffield LLM without specialising, or opt to follow one of the pathways on arrival. The choice is yours.

Individual modules offered may vary from those shown depending on staff availability and the number of students selecting each module.

Entry requirements

2:1 honours degree, or international equivalent, in law or a subject with a sufficient legal component. Other qualifications and relevant work experience will be taken into consideration alongside qualifications.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

The Sheffield LLM specialist pathways

LLM Corporate and Commercial Law

You will explore the issues and problems that corporate and commercial law has to deal with. Then discuss and evaluate the law as it exists. Finally, you will critique the law and suggest ways in which it might be improved.

Alongside courses in specific areas of corporate and commercial law, we run a series of workshops on legal skills. Those workshops also introduce you to different methodologies. You will develop and hone your critical skills and research expertise. You will use these skills to write a dissertation during the second half of your LLM, with expert supervision from our staff.

Modules includes: Current Issues in Company Law and Corporate Governance, International Commercial Arbitration; Principles of Commercial Law; Trade Remedies in WTO Law; Trade Mark Law in a Branded World. You can also choose up to two modules for any other pathway. Teaching is informed by the research of renowned academics from the Sheffield Institute of Corporate and Commercial Law.

LLM International Law and Global Justice

This course has been designed primarily for lawyers and students who work in, or intend to pursue a career in, the public sector. This may include high-level government lawyers, leaders in non-governmental organisations, and academics. It offers the opportunity to gain a critical understanding of the role of international law in advancing justice both in times of peace and war.

Teaching is informed by the research of renowned academics from the Sheffield Centre for International and European Law. Optional modules include: Theoretical Foundations of International Organisations; International Human Rights: Philosophical, Moral and Legal Foundations; Trade Remedies in WTO Law; International Criminal Law. You can also choose up to two modules for any other pathway.

LLM Law (Doshisha)

This two-year degree includes a year in Japan. It leads to the double award of an LLM from the University of Sheffield and either an LLM or an MA in Comparative Political Studies from Doshisha University (Kyoto, Japan). The course begins with a year at Sheffield where you will follow the Sheffield LLM or one of our specialist pathways (details above). In the second year you will study, in English, in Japan. You'll focus on legal issues in a regional and global context and gain a thorough understanding of international law and international organisations.

Entry requirements

Minimum of 2:1 honours degree or international equivalent in law. If you have other qualifications, we'll consider your application on an individual basis.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

MA International Criminology

This course includes elements of international criminology and research training. It is one of the very few courses that use comparative and international perspectives to explore the key issues in criminology today. The course is flexible, you can choose the taught path or the research route.

Entry requirements

We require a minimum 2:1 honours degree, or international equivalent, in law, social sciences or humanities. Other qualifications will be considered and relevant work experience will be taken into consideration alongside qualifications.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Taught path: Responding to Crime in Europe; Issues in Comparative Penology; The Cultures of Criminology; The Research Process; Dissertation.

Examples of optional modules

A choice of several modules including: Terrorism and Counterterrorism, Policing in Society, Restorative Justice, Gender and Violence, Crime and Globalisation and Qualitative and Quantitative Research Methods. For details of our Research Pathway please see www.sheffield.ac.uk/law

Teaching and assessment

Teaching in each module is through seminars. Most modules will be assessed by 3,000 words of written work in the form of an essay. The dissertation will normally be 10-12,000 words long, reporting on research on a topic relevant to the course and agreed in consultation with a supervisor.

PGCert International Criminology

This course is directed at students seeking a short, tailored programme in international criminology and criminal justice as well as practitioners and policy-makers in these fields who may wish to deepen their knowledge and understanding of recent domestic and international developments. The certificate will suit people who wish to gain expert, relevant and up-to-date information about contemporary and emergent theoretical, empirical and policy-related developments in these fields, with a particular emphasis on the comparative aspects of these developments.

You'll take fewer modules than classmates studying toward the MA International Criminology. The PG Certificate allows you to choose four taught modules from the MA programme, with the option to study on a full or part-time basis.

Upon successful completion, you also have the option to apply for transfer to the MA International Criminology, with the completed modules counted towards the masters degree.

Entry requirements

We require a minimum 2:1 honours degree, or international equivalent, in law, social sciences or humanities. Other qualifications will be considered and relevant work experience will be taken into consideration alongside qualifications.

English language requirements

Overall IELTS score of 6.5, with a minimum of 6.0 in each component, or equivalent.

Module options

Students will choose four modules including: Policing and Society; Responding to Crime in Europe; Restorative Justice; Issues in Comparative Penology; The Cultures of Criminology; Gender and Violence.

Teaching and assessment

Teaching in each module takes place through seminars. Modules will be assessed by 3,000 words of written work, normally in the form of an essay.

Our professional courses

Graduate Diploma in Law

Also known as the Common Professional Exam, this is a one-year conversion course for non-law graduates or those who have a law degree from another country. You can fast-track your way to the next stage of legal training to become either a barrister or solicitor in England or Wales.

Entry requirements

Minimum 2:1 honours degree or international equivalent, in any subject, but we'll consider each application on its own merits. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 7.5 with a minimum of 7.0 in each component, or equivalent.

Core modules

English Legal System; Torts Law; Crime; Contract Law; Public Law; EU Law; Land Law; Equity and Trusts; Legal Research Methods; Company Law.

Teaching and assessment

You'll attend seminars and be assessed by examination.

MA Law

If you're not a law graduate, or you have a law degree from outside England and Wales, this masters qualification will give you a qualifying law degree. You'll acquire a more in-depth knowledge of the law over a much wider range of legal subjects than is offered in the Graduate Diploma in Law. This extra depth and understanding will give you a head start in your career as a solicitor or barrister.

Entry requirements

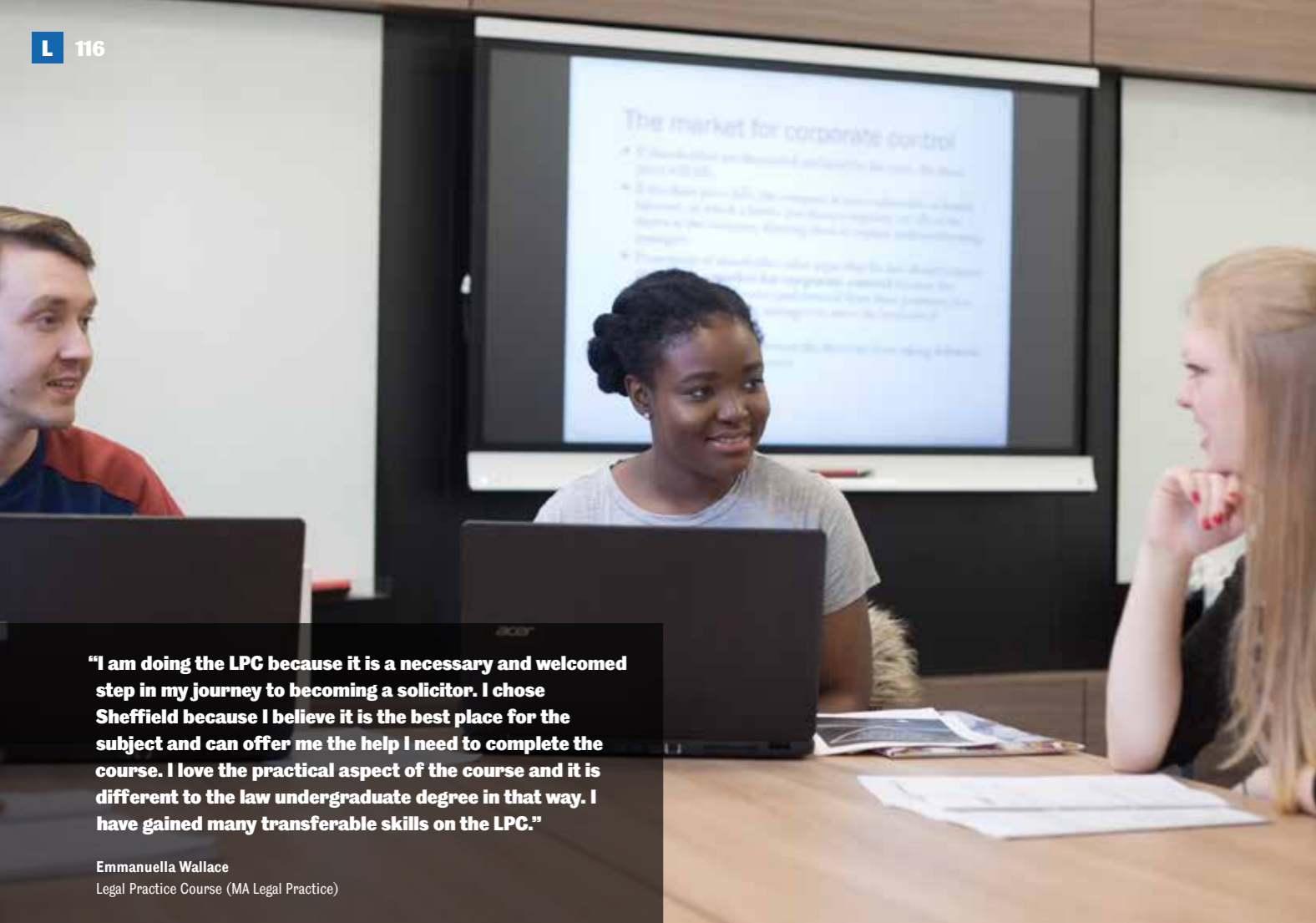
Minimum 2:1 honours degree in any subject, but we'll consider each application on its own merits, including your career background. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.0 in each component, or equivalent.

Core modules

Understanding Law and Legal Systems; Legal Research and Writing; Constitutional Law; Contract Law; Administrative Law; Law of Crime; Law of Torts; Law of Property; Equity and Trusts.



“I am doing the LPC because it is a necessary and welcomed step in my journey to becoming a solicitor. I chose Sheffield because I believe it is the best place for the subject and can offer me the help I need to complete the course. I love the practical aspect of the course and it is different to the law undergraduate degree in that way. I have gained many transferable skills on the LPC.”

Emmanuella Wallace
Legal Practice Course (MA Legal Practice)

Optional modules could include

Advanced EU Law, Punishment and Penal Reform, Law Reform Practice, Special Project: International Mooting, The Law Relating to Public Companies, International Human Rights.

Teaching and assessment

You'll attend compulsory seminars plus optional lectures. You'll be assessed on your essays, examinations and a dissertation.

Legal Practice Course (MA in Legal Practice)

The Legal Practice Course trains you to masters standard, allowing you to develop an excellent knowledge and understanding of legal practice, whilst also providing you with the vocational qualification you need in order to practise as a solicitor.

Highly regarded by the profession and consistently recognised for the quality of its teaching, the course is part of a top-ranking Russell Group University within a vibrant city, and yet is small enough to remain personal. The MA Legal Practice is very much a hands-on course, using case studies and files based on those used in practice. We ask you to research and acquire knowledge,

put that into context, identify issues and place the client at the centre of the problem. Upon completion of this vocational aspect of the course, you then go on to submit a dissertation.

Students who choose not to submit a dissertation will be awarded a Postgraduate Diploma (which satisfies the vocational requirements).

You can opt to take the course part-time, in which case you are only required to come in for approximately six hours per week – allowing you to gain valuable work experience, something which is highly regarded by employers.

Entry requirements

A good second-class honours or above in a qualifying law degree, or equivalent undergraduate degree plus Sheffield's MA Law or any law conversion course (Common Professional Examination or Graduate Diploma in Law). We'll also consider the appropriate level of ILEX qualification.

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.0 in each component, or equivalent.

Legal Practice Course Stage One (compulsory)

Business Law and Practice; Property Law and Practice; Litigation and Advocacy; Drafting; Writing; Practical Legal Research; Interviewing and Advising; Advocacy; Professional Conduct; Solicitors' Accounts; Wills and Administration of Estates.

Stage Two (optional, choose three)

Acquisitions and Mergers; Advanced Commercial Litigation; Corporate Finance; Commercial Property; Commercial Law; Family Law; Employment Law; Advanced Criminal Litigation; Private Client; Personal Injury Litigation.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

✉ law-admissions@sheffield.ac.uk

For MA in Legal Practice and Graduate Diploma in Law, apply through lawcabs. See our website: www.sheffield.ac.uk/law



Management

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

Triple Crown accreditation means we meet the high standards of three of the world's most prestigious accreditation bodies: AMBA, EQUIS and AACSB. This places us within the global elite of business schools.

Course	Duration
MBA (Master of Business Administration)	1 yr FT / 2 yrs PT
MSc Accounting, Governance and Financial Management	1 yr FT
MSc Creative and Cultural Industries Management	1 yr FT
MSc Finance and Accounting	1 yr FT
MSc Global Marketing Management	1 yr FT
MSc Human Resource Management with CIPD Pathway	1 yr FT
MSc Human Resource Management	1 yr FT
MSc Information Systems Management	1 yr FT
MSc International Management	1 yr FT
MSc International Management and Marketing	1 yr FT
MSc Logistics and Supply Chain Management	1 yr FT
MSc Management	1 yr FT
MSc Management (International Business)	1 yr FT
MSc Marketing Management Practice	1 yr FT
MSc Occupational Psychology	1 yr FT
MSc Work Psychology	1 yr FT

You may also be interested in
MSc Finance Page 71

Russell Group top 5 for research impact
REF 2014

Your career

We focus on producing work-ready graduates with the skills to succeed. We do this by combining expert teaching informed by the latest research with input from industry and organisations.

Our graduates leave with the knowledge to shine in their fields and the adaptability to meet future business challenges.

Recent graduates have gone on to work for companies such as Aon Hewitt, BASF, Deloitte, Ernst and Young, HSBC, KPMG, Ocado, PwC, Rolls-Royce, and Thales.

You have exclusive access to our Futures First employability programme which provides a range of services to enhance your prospects. We'll support your career planning, give you 1:1 help with your CV, applications and interviews. We advertise part-time graduate jobs, and deliver a range of skills workshops and careers talks to help inspire you and give you the skills to succeed.

Placement opportunities

We know that many postgraduate students want to gain work experience whilst they study. In addition to part-time work and volunteering opportunities, Sheffield University Management School students also have the chance to gain professional-level experience in organisations through a Company Dissertation, and through the Global Learning Opportunities in the Social Sciences (GLOSS) initiative.

Company dissertation

You can apply to write a company dissertation. If successful, this gives you the opportunity to base your project on a real business issue faced by the host organisation. You'll develop your employability skills, enhance your CV, and use your knowledge to help an organisation develop. Students have to take part in some employability skills sessions through the Futures First programme to be eligible, but we find the organisations and the dissertation projects for you.

Global learning opportunities

Global Learning Opportunities in the Social Sciences (GLOSS) gives students from the faculty the chance to engage with international policy makers and work in the field of international development. www.sheffield.ac.uk/gloss/about

How we teach

We teach management from a truly global perspective. You'll gain in-depth and cutting-edge knowledge of your chosen field. Our programmes are based on pioneering research into the challenges faced by businesses everywhere. We'll teach you how to identify opportunities, solve problems and inspire others.

Many of our teaching staff are world-class researchers working in policy-relevant areas. You'll gain an understanding of the bigger picture while specialising in your chosen subject.

We bring in guest speakers from business, local government and industry. We also offer you the chance to spend a brief period overseas at a summer school.

Teaching

Lectures, seminars, case studies, group work for collaborative learning, and web-based discussion groups.

Assessment

Individual assignments, group projects, end-of-semester examinations and a dissertation.

The perfect learning environment

We invest continually in our facilities, bringing you state-of-the-art lecture theatres, a fully equipped trading room, and social spaces to foster a sense of community between students and lecturers.

Applying for an MSc

To manage the competition for places on our full-time MSc programmes fairly, we operate a staged admissions process, with application decision deadlines throughout the year. Our programmes are popular and early applications are recommended to avoid disappointment.

International students must accept offers within four weeks of receipt and pay a tuition fee deposit to confirm their place.

www.sheffield.ac.uk/admissions/staged

Entry requirements

Unless otherwise stated we require a minimum of a 2:1 honours degree in any subject or an approved professional qualification. For equivalent grades for your country, visit

www.sheffield.ac.uk/international

English language requirements

An overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Our programmes

MSc Accounting, Governance and Financial Management

The programme explores the financial management of a range of organisations along with core competencies of financial and management accounting. The first semester sets the scene with foundation modules, before guiding you to more advanced material. On graduation, you will be fully equipped to take an advanced accounting or financial management role. The special emphasis on governance makes this masters ideal if you want to be a financial manager in an organisation or if you want to go into financial services as an auditor, for example.

Like all our masters, this programme combines rigorous academic work with practical experience. Through seminars, group work, real-life case studies and a dissertation, you'll develop the skills and the judgement to practise financial management in any sector. You can apply to base your dissertation on project work with an external organisation.

Core modules

Corporate Governance; Management Accounting; Financial Accounting and Financial Statement Analysis; Financial Management; Research Methods for Finance and Accounting; Dissertation.

Optional modules

Four of the following: International Financial Reporting; Performance Management; Quantitative Methods for Finance and Accounting; Corporate Finance; International Corporate Governance; Philosophical Perspectives on Accounting, Financial Management and Finance; Supply Chain Accounting and Finance; Comparative Finance and Financial Services; Portfolio Management and Investment.

MSc Creative and Cultural Industries Management

To become a successful manager in the creative and cultural industries you need to understand the sector. With a vibrant creative scene, Sheffield provides an ideal setting to hone your skills. We have a lively theatre scene, large independent cinemas, and galleries with links to the Tate and the V&A.

This programme provides general training in management with an emphasis on understanding and managing creative enterprises and cultural organisations. There are field trips and guest lectures from those

working in the sector. You can also apply to base your dissertation on a project with a high profile arts organisation or event in the city.

Core modules

Accounting and Financial Management; Introduction to the Creative and Cultural Industries; Theories and Concepts in the Creative and Cultural Industries; Cultural Marketing; Research Methods; Dissertation.

Optional modules

Four of the following: Managing Festivals, Events and Creative Performances; Fundraising Management: Sponsorship, Philanthropy and the State; Managing Creative Brands; Managing Museums and Cultural Heritage Sites; Strategic Planning for Music Business Clients; Staging Music in Theory and Practice; Cultural and Creative Entrepreneurship.

MSc Finance and Accounting

This programme explores the global challenges facing managers in the wake of the financial crisis, and the implications of new regulations and credit controls in financial markets. You'll develop an understanding of these challenges and the knowledge needed to keep a business liquid, competitive and profitable. You'll also learn to use the tools of the trade in our Financial Markets Trading Room and develop the financial insight skills to function independently at a professional level.

You can apply to base your dissertation on project work with an external organisation. Recent projects include group nominal structure for a multinational engineering firm, and developing a funding strategy for a Sheffield-based capital investment programme.

Core modules

Corporate Finance; Research Methods for Finance and Accounting; Comparative Finance and Financial Services; Quantitative Methods for Finance and Accounting; Dissertation.

Optional modules

Five of the following: Corporate Governance; International Finance; Issues in Finance; Risk and Uncertainty; Philosophical Perspectives on Accounting, Financial Management and Finance; Management Accounting; Financial Accounting and Financial Statement Analysis; Emerging Market Finance; Financial Management; Portfolio Management and Investment.

MSc Global Marketing Management

Accredited by the Chartered Institute of Marketing

This unique programme is designed for those looking for an international marketing career. You'll spend your first semester in Sheffield and the second at Hong Kong Baptist University. You'll gain a critical understanding of essential marketing principles combined with specialist knowledge of marketing to global audiences.

Core modules

Semester one – Sheffield: Global Marketing; Marketing Communications; International Consumer Behaviour; Contemporary Marketing Practice; Marketing Management.

Semester two – Hong Kong Baptist University: International Marketing Research; International Services Marketing Management; Socially Responsible Marketing in an International Context; Strategic Marketing.

Plus a dissertation which may be completed in either Sheffield or Hong Kong.

“My programme has given me the opportunity to study a range of subjects, providing me with relevant knowledge and skills which can be applied across different business sectors.”

Abigail Cook
MSc Management

MSc Human Resource Management with optional CIPD Pathway

This programme is available in two formats: as a pathway with accreditation from the Chartered Institute of Personnel and Development (CIPD) or without accreditation. The CIPD version has all core modules, whilst the non-accredited pathway includes some optional modules.

On this programme you'll gain an expert understanding of the role human resources play in modern organisations. You'll be taught by world-class researchers in the Institute of Work Psychology and learn about live HR issues such as diversity, performance management, and wellbeing. When you graduate, you'll be equipped to succeed in human resources management.

You can apply to base your dissertation on project work with an organisation. Recent projects include the review of a large organisation's training programmes to improve engagement and reduce employee turnover.

CIPD accredited pathway core modules

Accounting and Financial Management; Strategic Management; HRM Skills Sessions; Managing People in Organisations; Professional Development; Industrial Relations; Employee and Organisational Development; International Human Resource Studies; Employee Performance Management; Research Methods; Dissertation.

Non-accredited pathway core modules

Managing People in Organisations; Professional Development; Industrial Relations; Employee and Organisational Development; International Human Resource Studies; Research Methods; Employee Performance Management; Dissertation.

Optional modules

Two of the following: Accounting and Financial Management; Contemporary Chinese Business and Management; Strategic Management; Work and Organisation in East Asia.

MSc Information Systems Management

Bridging the knowledge gap between business and information managers is vital for companies. This programme, jointly delivered by Sheffield University Management School and the Information School, develops skills in management practices and gives you a comprehensive understanding of information science, delivering work-ready graduates with IT and management expertise.

You can apply to base your dissertation on a project which you would work on with an external organisation. Recent projects include working with a national company to develop a prescriptive method for qualifying risks and quantifying the value added by advanced service systems for process packaging equipment.

Core modules

Information Systems Modelling; Information Systems in Organisations; ICTs, Innovation and Change; Managing People in Organisations; Operations and Supply Chain Management; Information Systems Project Management; Research Methods

and Dissertation Preparation; Strategic Management; Dissertation.

Optional modules

One of the following: E-Business and E-Commerce; Information Governance and Ethics; Information Systems and the Information Society; Business Intelligence; International Business Strategy.

“The practical emphasis of the modules as well as the help from the prospects team has been very helpful when securing my first job.”

Fredrik Valskaar
MSc Information Systems Management

MSc International Management

Accredited by the Association of MBAs and the Chartered Management Institute

Understanding the challenges and opportunities of doing business in a dynamic global economy sets you apart. Focusing on developed and emerging markets you'll apply practical business skills and learn how business is done across cultures.

You can apply to do a company-based dissertation, working with an external organisation. Recent projects include researching the international student market in the UK for an immigration consultancy.

Core modules

Research Methods; International Human Resource Studies; International Management; International Business Strategy; European Business; Marketing; Dissertation.

Examples of optional modules

Three of the following: Concepts and Approaches in Intercultural Communication; Corporate Entrepreneurship; International Business and East Asia; Work and Organisation in East Asia; Entrepreneurial Economies; Contemporary Chinese Business and Management; Creating Entrepreneurial Ventures; Negotiation and Intercultural Communication.

“My programme has provided me with so many opportunities. I’ve attended a summer school in Spain and completed a company dissertation. It’s been a fantastic way to network and develop skills that are highly valued by top employers.”

Mimisha Gadhia
MSc International Management

MSc International Management and Marketing

Accredited by the Chartered Institute of Marketing

This programme will equip you with the critical knowledge and skills necessary to be considered for international roles in these competitive fields.

You can apply to do a company-based dissertation, working with an external organisation. Recent dissertation projects include a feasibility study and business plan for a Sheffield-based product management organisation and a marketing project for a company in the care sector.

Core modules

Marketing Management; Contemporary Marketing Practices; Global Marketing; International Consumer Behaviour; Marketing Research; Contemporary Chinese Business and Management; International Management; Strategic Management; International Business Strategy; Dissertation.

MSc Logistics and Supply Chain Management

Accredited by the Chartered Institute of Logistics and Transport and the Chartered Institute of Procurement and Supply

The modern supply chain is ubiquitous, reaching into many aspects of consumers’ daily lives, and becoming increasingly important for companies. On this programme, you’ll develop the skills to manage and improve international supply chains. We’ll show you how the right technology and strategy can give you a competitive edge. We use case studies, industry links and company visits to enhance our teaching.

You can apply to do a company-based dissertation, working with an external organisation. Recent dissertation projects include working with a large logistics company to reduce their fleet’s carbon footprint and a report for an electrical company on the supply chain and market structure of their goods industry.

Core modules

Operations Management for Logistics and Supply Chain Management; Sustainable Logistics and Supply Chain Management;

Research Methods; Supply Chain Technology; Logistics System; Supply Chain Accounting and Finance; Global Supply Chain Leadership; Supply Networks Management; Dissertation.

Optional modules

One of the following: International Management; Strategic Management; International Business Strategy.

MSc Management

Accredited by the Association of MBAs and the Chartered Management Institute

This programme is ideal if you’ve never studied business before and want to gain a solid knowledge base. Covering all aspects of general management, from managing people and finances to strategic planning, operations and marketing, this course produces work-ready graduates with the skills to succeed. On the Company Project module, you can apply to work as part of a team on a real-world problem for an external organisation, with the option to complete a company-based dissertation.

Core modules

Managing People in Organisations; Managerial Economics; Accounting and Financial

Management; Marketing; Operations and Supply Chain Management; Management and Organisational Theory; Strategic Management; Management Inquiry; Company Project; Management Inquiry Project (Dissertation).

MSc Management (International Business)

Accredited by the Association of MBAs and the Chartered Management Institute

This programme combines forward-thinking theory with practical skills. You’ll study general management principles with a focus on international business activities across national boundaries. When you graduate, you’ll be ready for work as a manager in the global employment market.

You can apply to do a company-based dissertation, working with an external organisation. Recent dissertation projects include a feasibility study for a diet food programme with a national firm.

Core modules

Managing People in Organisations; Accounting and Financial Management; Marketing; Operations and Supply Chain Management;

Strategic Management; International Business Strategy; Managerial Economics; Management Inquiry; Dissertation.

Optional modules

One of the following: International Human Resource Studies; European Business; International Business and East Asia; Negotiation and Intercultural Communication; Corporate Entrepreneurship; Creating Entrepreneurial Ventures.

MSc Marketing Management Practice

Accredited by the Chartered Institute of Marketing

This programme is designed to take graduates from any discipline into careers in marketing management. We don’t just teach the theory of marketing. There’s a lot of emphasis on applying what you learn in a business setting. You can also apply to do a company-based dissertation, working with an external organisation. Recent dissertation projects include a branding review for a large law firm and working with a local, environment-led SME to study consumer behaviour.

Core modules

Global Marketing; Contemporary Marketing Practices; Marketing Communications; Marketing Management; International Consumer Behaviour; Marketing Research; Retail and Services Marketing; Branding; Marketing in Society; Dissertation.

MSc Occupational Psychology MSc Work Psychology

Entry requirements

These programmes require a 2:1 undergraduate degree in psychology, or with significant coverage of psychology plus research methods. The content is exactly the same on both programmes, the key difference relates to the British Psychological Society (BPS) recognition. If your undergraduate degree confers BPS Graduate Basis for Membership you can apply for the MSc Occupational Psychology, if it does not you will need to apply for the MSc Work Psychology.

You’ll learn how to apply psychological theories and principles to the work environment to improve performance and productivity. These skills will set you up for a career in organisational effectiveness. Both of these courses can involve a dissertation in

a real-world organisation, which will demand effective communication, negotiation and project-management skills.

Recent dissertations include a performance management project for a large organisation, working with a company in the insurance sector on change management, and a review of a law firm's reward system.

The MSc Occupational Psychology degree is recognised by the British Psychological Society (BPS) and helps you on your way towards chartered psychologist status. Although the MSc Work Psychology is not recognised by the BPS it will help you develop the skills you need for research and practice as an occupational psychologist and is typically the route taken by international students.

Core modules

Work Design, Organisational Change and Development; Applying Psychology to Work and Organisations; Leadership, Engagement and Motivation; Learning, Training and Development; Research Methods for Occupational Psychologists; Selection and Psychological Testing in Organisations; Statistical Methods for Occupational Psychologists; Wellbeing and Work; Dissertation.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

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

The Sheffield MBA

1 year full-time
 2 year part-time option for home (UK/EU) students

Accredited by the Association of MBAs, EQUIS, AACSB, the Chartered Management Institute

Triple Crown accreditation means we meet the high standards of three of the world's most prestigious accreditation bodies.

Experiential learning is at the heart of the Sheffield MBA. Our programme is designed to provide unique learning experiences that maximise the potential of each individual as part of a close-knit community. At Sheffield you are not viewed as a number, but as an ambitious individual with unique attributes ready to take on the challenge of reaching your full potential.

Our MBA programme is diverse and tailored to each student's journey, individual development needs and career aspirations. Our world-class academics will inspire and challenge you to apply your learning to live organisational issues. We understand that the challenges of the 21st century require globally minded individuals who can adapt to rapidly changing environments, understand situations and then lead their organisations forward. To this end, we have designed our MBA programme

around three core pillars of consultancy, entrepreneurship and leadership.

Part-time route

Home (UK/EU) students can opt for a two-year part-time route. This is perfect if you wish to continue your career rather than taking a career break. The two-year option requires you to attend approximately two days a week during each semester (24 weeks per year).

Entry requirements

Minimum 2:1 honours degree and at least three years' relevant full-time work experience. If you don't have a degree, we may accept an approved professional qualification. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirement

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Accounting and Finance; Managing Organisational Behaviour; Operations Management; Global Managerial Economics; Marketing Consultancy Challenge; The Intelligent Organisation; Effective and Responsible Leadership; Internationalisation Challenge; New Venture Creation Challenge; Strategic Management; Individual MBA Challenge. Optional modules (two of the following):

Strategic Management Accounting; Corporate Finance; Human Resource Management; Risk and Crisis Management.

Teaching

Three-hour teaching periods with lectures, seminars and guest speakers. Industrial visits and projects.

Assessment

Formal examinations, individual and group assignments and presentations, project report.

"My time at the Sheffield MBA was challenging and rewarding. It transformed me into the leader I always wanted to be, teaching me that whilst management is about getting things right and achieving results, leadership is about doing the right thing, continuously engaging with your team and encouraging them to become better professionals."

Adriana Garza de Leon (Mexico)

Contact

If you'd like to know more about any aspect of the MBA programme, contact us:

+44 (0)114 222 3282
 MBA-admissions@sheffield.ac.uk



Management – Executive Education

www.sheffield.ac.uk/management/executive-education
 ExecutiveEducation@sheffield.ac.uk
 +44 (0)114 215 7190

Course	Duration
Executive Masters in Business Administration (EMBA)	2 yrs PT, 2.5 yrs PT (apprenticeship)
Executive Masters in Business Administration (Advanced Manufacturing Management) (EMBA)	2 yrs PT, 2.5 yrs PT (apprenticeship)
MSc Management and Strategic Leadership	2 yrs PT, 2.5 yrs PT (apprenticeship)
PGDip Management for Engineers	18 mths PT

Executive education

Sheffield University Management School is a leading business school with a world-class reputation for high quality teaching, ground-breaking research and cutting-edge thinking. We have been awarded Triple Crown accreditation by the three most influential accreditation bodies – AACSB, AMBA and EQUIS. Our suite of executive education programmes benefit from the expertise and support of our world-class academics and have been designed to empower, inspire and inform people and organisations.

We bring real-world expertise and intellectually rigorous practice to bear on the ambition of our learners, in a flexible range of masters level programmes. Our programmes are taught in cutting-edge spaces, designed to facilitate interactive and collaborative learning. The executive experience will also provide learners with breakout space to network and develop relationships.

Executive Masters in Business Administration (EMBA) / Executive Masters in Business Administration (Advanced Manufacturing Management) (EMBA)

Accredited by the Chartered Management Institute Available as an apprenticeship and a standard part-time programme

It is important that leaders are equipped with the relevant competency, knowledge and skill sets in order to create real competitive advantage for organisations. An Executive MBA gives you an up-to-date understanding of current academic thinking in the discipline of management. Through our ambitious team of academics and practitioners we inform and inspire the change of existing managerial paradigms.

On the Executive MBA (Advanced Manufacturing Management), you have the opportunity to develop a critical understanding of current management theory with a specific focus on the advanced manufacturing and engineering industries. Case studies from these fields support your development by giving you the knowledge to contextualise your learning and apply it to a range of advanced and innovative industries. By bringing professional practice and academic understanding together, you'll

be equipped with the relevant competency, insights and skill sets in order to create a real competitive advantage for your organisation and progress your career.

Core modules

Foundations of Professional Practice in Leadership; Corporate Governance and Accountability; Leading in a Complex and Changing Environment; Responsible Leadership: Developing People, Teams and Collectives; Intelligent Organisations and Decision Making; Strategic Marketing Management; Operations and Continuous Improvement; Accounting and Financial Management; Strategy and Risk; Professional Practice in Leadership; Collaborative Networks and Relationships in a Global Context; Organisational Entrepreneurship and Innovation; Global and Managerial Economics; Business Research Methods and Management Project.

Delivery

Our Executive MBA programmes normally take 2 years part-time or 2.5 years part-time for the apprenticeship route. This is a modular programme and teaching will be delivered in block sessions, usually consisting of three-day block study periods for every ten-credit module (180 credits in total). All modules are core to the programme.

Entry requirements

A first degree at 2:1 or above, or equivalent work experience and/or professional qualifications.

In addition to your qualification, you'll require at least three years' relevant full-time work experience after graduation.

Candidates who don't have an undergraduate degree can be considered if they can demonstrate exceptional work experience.

For learners on the apprenticeship route: candidates are required to be employed in a relevant job role with a contract of a minimum of 30 hours a week. We need an agreement from your employer to fund your programme, either through government co-funding or the apprenticeship levy. You must have the right to abode in the UK.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

MSc in Management and Strategic Leadership

Accredited by the Chartered Management Institute Available as an apprenticeship and a standard part-time programme

Designed for aspiring senior leaders, this transformative programme will equip you with the relevant competency, knowledge and skill sets in order to successfully navigate the complexities of modern organisations in their current and future competitive environments.

Core modules

Accounting and Financial Management; Intelligent Organisations; Leading in a Complex and Changing Environment; Collaborative Strategies in a Global Context; Foundations of Professional Practice in Leadership; Responsible Leadership: Developing People, Teams and Collectives; Global Strategy and Innovation; Professional Practice in Leadership; Organisational Governance; Management Inquiry Methods and Project.

Delivery

The programme normally takes 2 years part-time or 2.5 years part-time for the apprenticeship route. You will be taught in block study periods at one of Sheffield University Management School's buildings.

Entry requirements

A first degree at 2:1 or above, or equivalent work experience and/or professional qualifications.

For learners on the apprenticeship route: candidates are required to be employed in a relevant job role with a contract of a minimum of 30 hours a week. We need an agreement from your employer to fund your programme, either through government co-funding or the apprenticeship levy. You must have the right to abode in the UK.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

PGDip Management for Engineers

This programme supplements your engineering technical skills to support career development. Management theory and skills are contextualised within engineering by the use of case studies, applied learning and assessments. You'll develop skills and knowledge in the broad areas of operations management, people and organisational behaviour, strategy and innovation.

Delivery

This programme normally takes 18 months part time and is modular in nature. All modules are core to the programme.

Core modules

Global Challenges: Future, Ethics and Sustainability (I); Operations: Process and Organisational Improvements; People and Organisations; Leading Change; Managing Complex Projects and Risk Management; Global Challenges: Future, Ethics and Sustainability (II); Technological Innovation and Corporate Entrepreneurship; Corporate Strategy.

Entry requirements

An undergraduate degree in a relevant subject. eg BEng/MEng or a BSc in a STEM subject.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Apply

www.sheffield.ac.uk/management/executive-education

If you'd like to know more about any aspect of our courses, contact us:

+44 (0)114 215 7190
ExecutiveEducation@sheffield.ac.uk



Materials Science and Engineering

www.sheffield.ac.uk/materials
mse.pgadmissions@sheffield.ac.uk
+44 (0)114 222 5941

Our postgraduate taught courses provide an innovative programme of study in which students are challenged to achieve their best, developing specialist skills and knowledge sought after by employers, as well as establishing an ideal background for PhD research.

Course	Duration
MSc Materials Science and Engineering	1 yr FT
MMet Advanced Metallurgy	1 yr FT
MMet Advanced Metallurgy	2 yrs PT distance learning
MSc(Eng) Aerospace Materials	1 yr FT
MSc Biomaterials and Regenerative Medicine	1 yr FT
MSc Nanomaterials and Materials Science	1 yr FT
MSc Nuclear Science and Technology	1 yr FT
MSc(Eng) Polymer and Polymer Composite Science and Engineering	1 yr FT

UK top 5 for research excellence

REF 2014

Why study at Sheffield

Sheffield is a centre for materials innovation. You'll join a welcoming community of staff and students.

We strive to make your university experience unforgettable. We provide a wealth of opportunities to support your skills development, help you succeed in your studies and settle into university life.

Supporting your career

During your studies, you'll have access to our extensive range of careers service events and seminars. You will also have the chance to meet with alumni to gain industry insight and valuable career advice to support your own career pathway after graduation.

Prospective employers recognise the value of our courses. They know our students can apply their knowledge to industry.

Our graduates work for organisations around the world including Airbus, Rolls-Royce,

Johnson Matthey and Saint-Gobain. Roles include materials development engineer, reactor engineer and research manager. They also work in academia in the UK and abroad. Ninety percent of our graduates are in graduate-level employment or graduate-level further study six months after graduating, with an average starting salary of £27,700.

Stimulating learning environment

We are an interdisciplinary research-led department. Our world-leading academics at the cutting edge of their fields inform our courses, providing a stimulating, dynamic environment in which to study.

Teaching and assessment

Working alongside students and staff from across the globe, you'll tackle real-world projects, and attend lectures, seminars and laboratory classes.

You'll be assessed by formal examinations, coursework assignments and a dissertation.

Entry requirements

A good honours degree in materials, a physical science (chemistry or physics) or a related engineering subject. For equivalent grades for your country, visit www.sheffield.ac.uk/international

For MSc Biomaterials and Regenerative Medicine, a good honours degree in dentistry or medicine is also acceptable. For MSc(Eng) Polymers and Polymer Composite Science and Engineering, some background in polymers or composites is desired.

For MMet Advanced Metallurgy Distance Learning option, a significant part of the course involves completing a research project. This project will need to be done in the workplace under the day to day supervision of a manager. A company working in a relevant sector will need to sponsor your project. This could be your current employer or a company for which you will perform a research project.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

The Nuclear Science and Technology course requires overall IELTS grade of 7.0 with a minimum of 6.0 in each component, or equivalent.

Equipment and facilities

We have invested in extensive world-class equipment and facilities to provide a stimulating learning environment. Our laboratories are equipped to a high standard with specialist facilities for each area of research. These include:

Materials processing, fabrication and testing of metals, ceramics, polymers, glasses and biomaterials.

Royce@Sheffield – state-of-the-art facilities for research and development into advanced materials development and manufacturing.

NucleUS and Midas – advanced nuclear materials research facilities providing a high-quality environment for research on radioactive waste and disposal.

Kroto Research Institute and Nanoscience and Technology Centre – enhancing our capabilities in materials fabrication and characterisation, and computer modelling of materials from the atomic scale, through nano and mesoscopic, through to the macro scale. The Kroto Research Institute also

houses biomaterials laboratories for cell and tissue culture research.

Sorby Centre – home to advanced transmission and scanning electron microscopy used to investigate the structure and chemistry of materials from the micro to the nano scale.

Characterisation – You'll have access to an array of microscopy and analysis equipment, X-ray facilities, and surface analysis techniques.

MSc Materials Science and Engineering

It is estimated that 70 per cent of innovations are due to an advance in materials. This course provides a solid grounding across a wide variety of materials, and aims to prepare you for a career in industry or research by teaching you the concepts and theories that make materials science and engineering possible.

Our research-led teaching introduces you to all the latest developments. You'll have the option to keep your course general or tailor your degree with optional modules to specialise in the area that interests you the most.

Core modules

Science of Materials; Materials Processing and Characterisation; Practical, Modelling and Digital Skills; Heat and Materials with Application; Research Project in an area of your choice.

Optional modules

Nuclear Reactor Engineering Studies; Functional and Structural Ceramics; Engineering Alloys; Glasses and Cements; Metallurgical Processing; Advanced Nuclear Systems; Deformation, Fracture and Fatigue; Solid State Chemistry; Materials for Energy Applications; Design and Manufacture of Composites; Advanced Materials Manufacturing: Part I; Nanostructures and Nanostructuring.



Funding your education

We recognise that studying overseas is a major undertaking, both personally and financially. We aim to support international students who require financial assistance with scholarships.

“I was so impressed with the work of the academics in the department that I chose to study the MMet course. In receiving the scholarship, I'm not only more secure financially but with such an honour from a world-class institution, it will help me in future career applications.”

Abhishek Jain
MMet Metallurgy graduate from India. Now PhD Researcher at ETH Zurich in Switzerland.

MMet Advanced Metallurgy

First established in the early 1950s, the MMet course has produced over 1,000 graduates, with many now working in senior positions within metallurgical companies across the globe.

We teach an in-depth and up-to-date understanding of current developments in metallurgy and metallurgical engineering.

You'll learn the fundamentals of thermodynamics, structure and mechanical behaviour, as well as more advanced courses on engineering alloys, processing, modelling and performance in service.

Fully accredited by the Institute of Materials, Minerals and Mining (IoM3), the course provides the underpinning knowledge for later registration as a Chartered Engineer (CEng).

Modules

Engineering Alloys; Science of Materials; Materials Processing and Characterisation; Practical, Modelling and Digital Skills; Metallurgical Processing; Deformation, Fracture and Fatigue; Advanced Materials Manufacturing; Heat and Materials with Application; Research project in an area of your choice.



MMet Advanced Metallurgy (Distance Learning)

The MMet Advanced Metallurgy is available to study by distance learning, over 2 years. The course content is similar to the face-to-face version of the course, and the end qualification is the same; it's just the method of delivery that is different.

The distance learning version of the course is only available to individuals either directly working in, or with the support of a metals/materials related industry. This is important as your 60 credit project module will be directly related to this industry, and will require the necessary facilities to carry out the research.

Modules

Metals; Science of Materials; Materials Processing and Characterisation; Materials Selection, Properties and Applications; Technical Skills Development; Metallurgical Processing; Advanced Materials Manufacturing; Deformation, Fracture and Fatigue; Heat and Materials with Application; Research project in an area of your choice.

MSc(Eng) Aerospace Materials

It's a fantastic time to be a specialist in aerospace materials. Sheffield is at the heart of the UK aerospace industry. Many international aerospace companies look to the department to discover ways to improve both materials and processes for use in their products.

You'll develop knowledge of the manufacturing, processing and properties of the metals and composite materials used in airframes and aeroengines. You'll also be trained in the fundamentals of thermodynamics, structure and mechanical behaviour.

Fully accredited by the (IoM3), the course provides the underpinning knowledge for later registration as a Chartered Engineer (CEng).

Modules

Engineering Alloys; Science of Materials; Materials Processing and Characterisation; Practical, Modelling and Digital Skills; Design and Manufacture of Composites; Deformation, Fracture and Fatigue; Advanced Materials Manufacturing; Heat and Materials with Application; Research Project in an area of your choice.

MSc Biomaterials and Regenerative Medicine

Students will be introduced to the field of biomaterials, and important factors in the selection, design, and development of biomaterials for clinical applications. You'll develop an understanding of biomaterials science, tissue engineering, regenerative medicine and associated specialisms.

This course is suitable for students interested in the selection, design, and development of materials for applications in the medical and health care sectors.

Core modules

Science of Materials; Materials Processing and Characterisation; Tissue Structure and Function; Materials for Biological Applications; Practical, Modelling and Digital Skills; Tissue Engineering Approaches to Failure in Living Systems; Structural and Physical Properties of Dental and Bio-materials; Research Project in an area of your choice.

Optional modules

Dental Materials Science; Group Projects and Developing Research.

“I applied to Sheffield as I thought it was the best place to study materials. I now know this to be true having experienced such a supportive environment where staff are on hand to answer questions and reassure you in your studies.”

Maria Martínez-Escobedo (Mexico)
MSc Aerospace Materials graduate.
Now Edison Engineer at GE Aviation.

MSc Nanomaterials and Materials Science

Nanotechnology has had a revolutionary influence on the development of novel materials over the last 20 years, and many new types of materials are now available, such as nano-carbon, nano-silica, and nano-magnetics. These materials open new ways of designing advanced devices (sensors, electronics, data and energy storage) as well as improved structural and functional materials.

The course is designed to equip students with the know-how and skills for becoming an expert in materials science with a specialisation in nanotechnology.

We provide a foundation semester in the general area of science and engineering of materials, followed by a nanoscience and nanotechnology-specific semester to give you comprehensive nanomaterials expertise. The course content reflects the highly interdisciplinary nature of this subject and allows students to specialise via options, and a major project.

Core modules

Science of Materials; Materials Processing and Characterisation; Practical, Modelling and Digital Skills; Nanoscale Magnetic Materials and Devices; Nanostructures and Nanostructuring; Functional Nano- and Bio-nanomaterials; Heat and Materials with Application; Research Project in an area of your choice.

Optional Modules

Design and Manufacture of Composites; Structure and Physical Properties of Dental and Bio-materials; Solid State Chemistry; Materials for Energy Applications.

MSc Nuclear Science and Technology

This course is run in partnership with fellow members of the Nuclear Technology Education Consortium (Sheffield is one of the lead partners, along with Manchester and Liverpool) and gives you access to more than 90 per cent of the UK’s academic expertise in nuclear waste immobilisation, decommissioning and clean-up.

You’ll be based in the department’s world-leading NucleUS Immobilisation Science Laboratory, and will take eight modules on the nuclear fuel cycle. Topics include Decommissioning, Nuclear Technology and Environment and Safety. Each module includes a week at one of our partner universities. Some modules require overseas travel.

The course is accredited by The Institution of Engineering and Technology (IET), The Energy Institute (EI), The Institute of Materials Minerals and Mining (IoM3) and The Institution of Mechanical Engineers (IMechE).

Sample modules

Nuclear Waste Immobilisation and Disposal; Nuclear Fuel Cycle; Reactor Physics, Criticality and Design; Radiation Shielding.

MSc(Eng) Polymers and Polymer Composite Science and Engineering

Polymers and polymer composites are increasingly important in our everyday life and can be found all around us. Recent advances include biodegradable plastics, 3D printing, plastic electronics, high-performance aerospace applications and many more.

Bringing together expertise from the Department of Materials Science and Engineering and the Department of Chemistry, and further supported by the Polymer Centre, the UK’s largest single-university academic network in the field of polymers, this course will provide you with a thorough understanding of advanced topics on polymer and composite science and engineering.

Fully accredited by the (IoM3), the course provides the underpinning knowledge for later registration as a Chartered Engineer (CEng).



“Throughout my course I have worked alongside leading researchers in Biomaterials. The Postgraduate Taught programme provides lecture-based learning along with independent learning so that the knowledge gained within a classroom can then be applied to a real work scenario. I believe that the different styles of learning are critical for developing skills as an academic researcher preparing students for either further study as a PhD student or for starting their career within a commercial environment.”

Benjamin Tomlinson
BSc Biomaterials and Regenerative Medicine Graduate 2017, now working as a R&D Quality Engineer at Smith & Nephew

Modules

Fundamental Polymer Chemistry; Polymer Characterisation and Analysis; Polymer Laboratory; The Physics of Polymers; Polymer Materials Science and Engineering; Design and Manufacture of Composites; Polymer Processing; Composite Materials and Micromechanics; Research Project in an area of your choice.

Apply

www.sheffield.ac.uk/masters

If you’d like to know more about any aspect of our courses, contact us:

Andrew Keating
+44 (0)114 222 5941
mse.pgtadmissions@sheffield.ac.uk



“I’m in a position now where I feel I can do whatever I want with the coming years. For someone formerly in the rat-race, it’s a truly liberating feeling.”

Kristian Brock
MSc Statistics with Financial Mathematics

Mathematics and Statistics

www.sheffield.ac.uk/maths
postgrad-maths@sheffield.ac.uk
postgrad-stats@sheffield.ac.uk
+44 (0)114 222 3789

We use mathematics and statistics to solve real-world problems. Our academics work with industry, business and the public sector.

Course	Duration
MSc Statistics	1 yr FT / 2–3 yrs PT distance learning
MSc Statistics with Financial Mathematics	1 yr FT / 2–3 yrs PT distance learning
MSc Mathematics	1 yr FT
MSc Mathematical and Theoretical Physics	1 yr FT

You may also be interested in	
MSc Data Analytics	Page 62
MSc Science Communication	Page 160

Russell Group top 10 for research impact
REF 2014

Your career

Our graduates leave us with numerical, problem solving and data analysis skills that are useful in many sectors, from banking and insurance to software development. They’re trained for the big data economy – companies have a growing demand for statisticians who can find the patterns in data and draw conclusions from it to create new products, services and solutions.

Organisations who have employed our graduates include BAE Systems, the Bank of England, the European Space Agency, Deloitte, PwC and the NHS. Our masters courses are also great preparation for a PhD.

About us

Our academics are in demand. They are members of international societies and organisations, and they speak at conferences around the world. They bring new ideas into the classroom so you can see how research is improving on existing approaches. Our solar scientists were the first to record musical sounds created by vibrations in the sun’s atmosphere and our statisticians are working on topics that range from radiocarbon dating to modelling climate change.

Our Statistical Services Unit works with industry, commerce and the public sector. The services they provide include consultancy, training courses and computer software development.

Different ways to study

You can study full time over a year or part time over two to three years via online distance learning. MSc Mathematics and MSc Mathematical and Theoretical Physics are only available as full-time courses.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Not quite ready for a masters course yet?

We also offer a Graduate Certificate in Statistics as a preliminary course for our MSc Statistics degrees. This nine-month, part-time course is taught by distance learning, so you only need to be in Sheffield for your exams in June.

MSc Statistics

This course prepares you for a career as a statistician. You'll learn how to solve practical statistical problems and develop personal skills including presentation and time management. This course is accredited by the Royal Statistical Society.

Entry requirements

We usually ask for a 2:1 honours degree, or equivalent, with substantial mathematical and statistical components or a pass at an equivalent level in the Graduate Certificate.

Funding your degree

The University of Sheffield has scholarships available to support masters students. Students on our MSc Statistics course often have the costs of their degree covered by their employer.

Core modules

Professional Skills for Statisticians; Statistical Laboratory; Statistical Consultancy; Linear Models; Machine Learning and Time Series; Inference; Sampling, Design and Medical Statistics.

Teaching and assessment

There are lectures, tutorials and computing sessions. You'll do group work, presentations and role play. Most statistics lectures are recorded so you can watch them again later.

The distance learning option is taught online with support via email and an online forum. Distance learners also come to the University for residential weeks. You're assessed by exams, project work and a dissertation.

MSc Statistics with Financial Mathematics

The course is about applying probabilistic, statistical and mathematical techniques in the finance industry. Graduates with skills in these areas are in demand. It's based on the MSc Statistics with additional training in the concepts, models and tools of modern mathematical finance. This course is accredited by the Royal Statistical Society.

Entry requirements

We usually ask for a 2:1 honours degree in mathematics, or equivalent, which must include a significant proportion of modern theorem and proof-based mathematics. A strong performance in a module based on rigorous mathematical analysis is essential. Your degree must also include a substantial component in statistics and probability theory.

Funding your degree

The University of Sheffield has scholarships available to support masters students. Students on our MSc Statistics with Financial Mathematics course often have the costs of their degree covered by their employer.

Core modules

Professional Skills for Statisticians; Statistical Laboratory; Linear Models; Inference; Financial Mathematics; Machine Learning and Time Series; Stochastic Processes and Finance.

Teaching and assessment

There are lectures, tutorials and computing sessions. You'll do group work, presentations and role play. Most statistics lectures are recorded so you can watch them again later. The distance learning option is taught online with support via email and an online forum. Distance learners also come to the University for residential weeks. You're assessed by exams, project work and a dissertation.

MSc Mathematics

This intensive introduction to advanced pure and applied mathematics draws on our strengths in algebra, geometry, topology, number theory, fluid dynamics and solar physics. You'll attend lectures but you'll also get hands-on research experience, writing a dissertation supervised by an active researcher.

Modules

Possible module choices include: Algebra; Analysis; Geometry; Algebraic Topology; Number Theory; Topics in Advanced Fluid Dynamics; Analytical Dynamics and Classical Field Theory; Mathematical Modelling of Natural Systems; Stochastic Processes and Finance; Waves and Magnetohydrodynamics.

Entry requirements

We usually ask for a 2:1 honours degree, or equivalent, with a substantial maths component.

Teaching and assessment

There are lectures and seminars. You're assessed by exams, coursework and a dissertation.

MSc Mathematical and Theoretical Physics

This course has been created to equip graduates with advanced mathematical tools that can be applied in major areas of scientific intrigue, from black holes to the Higgs boson. There is a wide range of optional modules for you to choose from, so you can focus on the topics that excite you most: general relativity, field theory, quantum mechanics, geometry, electrodynamics, solar physics, particle physics and more.

You'll spend around one-third of your time working on your own research project, under the supervision of an expert from our School of Mathematics and Statistics or Department of Physics and Astronomy. This in-depth research experience is great preparation for a PhD. There are also modules on machine learning, finance and statistics, so you can develop skills to help you stand out in job markets where maths and physics graduates thrive, such as data science and banking.

Core modules

Dissertation; Research Skills.

Optional modules




Advanced Electrodynamics; Advanced Particle Physics; Advanced Quantum Mechanics; Biological Physics; Field Theory and General Relativity; Geometry I; Machine Learning; Mathematical Methods of Modelling Natural Systems; Measure and Probability; Statistical Physics; Stochastic Processes and Finance; Topics in Advanced Fluid Mechanics; Waves and Magnetohydrodynamics.

Entry requirements

We usually ask for a 2:1 honours degree, or equivalent, in mathematics or physics.

 **Apply**
www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

 +44 (0)114 222 3789
 postgrad-maths@sheffield.ac.uk
 postgrad-stats@sheffield.ac.uk



"It feels like you're really at the cutting edge and doing things that will make a difference for the future."

Tace Morgan
MSc(Res) Additive Manufacturing and Advanced Manufacturing Technologies

Mechanical Engineering

 www.sheffield.ac.uk/mecheng
 me-pgadmit@sheffield.ac.uk
 +44 (0)114 222 7704

Research-led learning with real engineering challenge and opportunity.

Course	Duration
MSc Advanced Mechanical Engineering	1 yr FT
MSc Mechanical Engineering with Industrial Management	1 yr FT
MSc(Res) Advanced Manufacturing Technologies	1 yr FT
MSc(Res) Aerodynamics and Aerostructures	1 yr FT
MSc(Res) Additive Manufacturing and Advanced Manufacturing Technologies	1 yr FT

UK Top 5 for Research Excellence
REF 2014

Challenge and opportunity

Our MSc courses are for students who want to study advanced mechanical or manufacturing engineering, and go on to address current and future engineering challenges facing industry and society.

Through our research-led learning environment, you will have the opportunity to work on realistic engineering projects, utilising and developing your analytical, design, practical and professional skills.

Your future

With a focus on deepening your knowledge following an undergraduate degree, our MSc courses are designed to prepare you for your future career – building on your specialist interest and offering you further practical experience.

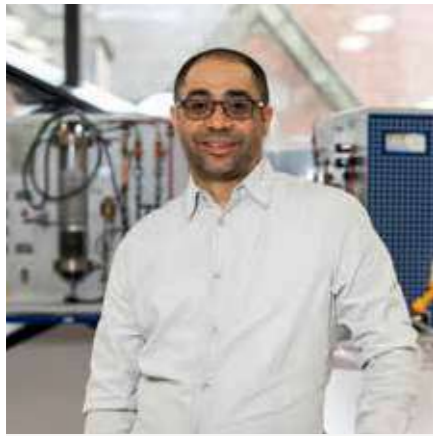
A number of our graduates go into industry – particularly manufacturing, transport and power generation. Many have found employment with companies such as Rolls-Royce, Arup and Network Rail, whilst others have gone on to work for engineering consultancies, in both technical and managerial roles. Our graduates have also gone into research, started their own business, or transferred their skills, for example, becoming consultants, teachers or charity workers.

Expertise and world-class facilities

The Department of Mechanical Engineering at The University of Sheffield is one of the largest and most respected mechanical engineering departments in the UK. Our reputation for excellence attracts world-class academics, researchers and students, and creates a collaborative, innovative community.

Our research centres include the Insigneo Institute for *in silico* Medicine, where we're transforming healthcare, and the Centre for Advanced Additive Manufacturing, a world-leading research centre in this fast emerging field of manufacturing. We have recently launched the Laboratory for Verification and Validation (LVV), a major new acoustics and vibration testing facility. We also work closely with the University of Sheffield Advanced Manufacturing Research Centre (AMRC).

As a student at the University of Sheffield, you will have access to a range of facilities including the Diamond building with its specialist engineering teaching spaces, and the new Engineering Heartspace, home to a number of research laboratories.



Dr Hadi Abulrub

Teaches:
Engineering Management

“We help our engineers to develop strong technical knowledge, while enabling them to integrate their engineering expertise with good business judgement and effective interpersonal skills. Future engineers require an interdisciplinary approach and mix of professional skills to solve today’s complex challenges.”

Teaching and assessment

We use a variety of teaching methods to support your learning, including tutorials, lectures, practical work, group project work, virtual learning environments and individual research.

Our assessment methods are designed to support the achievement of learning outcomes and develop your professional skills. This may include integrated projects, examinations and portfolio work. Regular feedback is also provided, so you can understand your own development throughout the course.

We are international

Our students come from all over the world and we'll help you get to know the department and the city. Your personal tutor will support you throughout your course, and we can help you to further develop your English language skills too.

Entry requirements

A 2:1 honours degree or equivalent in mechanical engineering or a related subject. If you have a qualification in another science/engineering subject, such

as maths or physics, or you have relevant professional experience, we'll also consider your application. For equivalent grades for your country, visit: www.sheffield.ac.uk/international

An overall IELTS score of 6.5 with a minimum of 6.0 in each component or equivalent, is also required.

Accreditation

All our MSc courses are accredited by the Institution of Mechanical Engineers and meet, in part, the academic requirements for Chartered Engineer status. Our MSc graduates who also have an accredited BEng (Hons) will be able to show they have met all the academic requirements for Chartered Engineer (CEng) status.

MSc Advanced Mechanical Engineering

This highly flexible course is designed to strengthen your knowledge and understanding of mechanical engineering. It offers a wide selection of optional modules, allowing you to tailor your studies to reflect your interests, and graduates go on to work in many areas of engineering. You'll also have the chance to further explore a subject that interests you through your individual research project.

Core modules

Msc Individual Research Project; Professional Development Portfolio; Masters Research Mini Project; Technical Communication for Mechanical Engineers; Strategic Engineering Management and Business Practices; Experiments and Valid Computer Models.

Examples of optional modules

A wide selection including (but not limited to): Railway Engineering and Sustainable Transport; Advanced Engineering Fluid Dynamics; Additive Manufacturing – Principles and Applications; Advanced Energy and Power; Human Factors and User-Centred Design; Human Movement Biomechanics.

MSc Mechanical Engineering with Industrial Management

If you're interested in pursuing a management career within industry, this course combines advanced mechanical engineering subjects with management modules that have been specifically designed for engineers. As part of your studies, you'll also have the chance to further explore a subject that interests you through your individual research project.

Core modules

Msc Individual Research Project; Professional Development Portfolio; Masters Research Mini Project; Technical Communication for Mechanical Engineers; Strategic Engineering Management and Business Practices; Experiments and Valid Computer Models; Managing Innovation and Change in Engineering Contexts; Engineering Commercial Success; and Making the World a Better Place!

Examples of optional modules

A wide selection including (but not limited to): Advanced Dynamics; Mechanics and Applications of Advanced Manufacturing Technologies; Industrial Applications of Finite Element Analysis; Fundamentals and Applications of Tribology; Automotive Powertrain; Aviation Safety and Aeroelasticity.

MSc(Res) Advanced Manufacturing Technologies

In collaboration with the Department of Automatic Control and Systems Engineering, and the Advanced Manufacturing Research Centre (AMRC) - The University of Sheffield centre for advanced machining and materials research - this course will offer you the opportunity to undertake taught modules related to cutting edge manufacturing technology and apply this knowledge to an industrially motivated research project. This will allow you to experience real industrial challenges that span across the entire manufacturing process, from materials suppliers, to assembly specialists – an ideal opportunity if you are interested in pursuing a career in advanced manufacturing.

Core modules

Msc (Res) Individual Research Project; Professional Development Portfolio; Masters Research Mini Project; Technical Communication for Mechanical Engineers; Strategic Engineering Management and Business Practices; Mechanics and Applications of Advanced Manufacturing Technologies.

Examples of optional modules

A wide selection based on your interest stream including (but not limited to): Foundations of Robotics; Mechatronics for Robotics; Advanced Dynamics; Automotive Powertrain; Human Factors and User-Centred Design; Design and Manufacture of Composites; Additive Manufacturing – Principles and Applications; Advanced Aero Propulsion Technology.



MSc(Res) Aerodynamics and Aerostructures

Enhance your knowledge of aerospace systems and structures with a range of advanced level modules that address key issues faced by engineers in the aerospace and power generation sectors. This course combines fundamental engineering knowledge with the latest developments in technology. It also offers the opportunity to work on an individual research project, giving you research experience and helping you to prepare for a career in industry or further research.

Core modules

Msc (Res) Individual Research Project; Professional Development Portfolio; Masters Research Mini Project; Technical Communication for Mechanical Engineers; Strategic Engineering Management and Business Practices; Experiments and Valid Computer Models.

Examples of optional modules

A wide selection including (but not limited to): Advanced Engineering Fluid Dynamics; Advanced Aerospace Propulsion Technology;

Aviation Safety and Aeroelasticity; Industrial Applications of Finite Element Analysis; Advanced Dynamics; Fundamentals and Applications of Tribology; Design and Manufacture of Composites.

MSc(Res) Additive Manufacturing and Advanced Manufacturing Technologies

This course is designed to expand your knowledge and skills in the rapidly developing field of additive manufacturing and advanced manufacturing technologies. With specialist modules in additive manufacturing, state-of-the-art manufacturing technologies, materials and a broad range of modules in advanced mechanical engineering, you'll also carry out an industry-focused research project on additive manufacturing. Working with both commercial and bespoke manufacturing technologies using high performance materials, your research project will take place within the Centre for Advanced Additive Manufacturing (AdAM) under the guidance of world-leading academics in the field.

Core modules

Msc (Res) Individual Research Project; Professional Development Portfolio;

Masters Research Mini Project; Technical Communication for Mechanical Engineers; Strategic Engineering Management and Business Practices; Additive Manufacturing – Principles and Applications; Mechanics and Applications of Advanced Manufacturing Technologies.

Examples of optional modules

A wide selection including (but not limited to): Fundamentals and Applications of Tribology; Human Factors and User-Centred Design; Human Movement Biomechanics; Design and Manufacture of Composites; Materials for Energy Applications; Advanced Dynamics; Automotive Powertrain.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about our MSc courses, please get in touch.

Jemma Gladding

+44 (0)114 222 7704

me-pgadmit@sheffield.ac.uk

“The medical school where my department is based is one of the best in UK. This combined with the guest lectures from the best academics and researchers in their respective fields made University of Sheffield my best choice for pursuing my masters degree.

My understanding of the molecular mechanisms of various diseases and disorders combined with the knowledge of emerging technologies in medicine would enable me to improve the understanding of various disease which would help in development of novel therapies in the field of medicine.”

Amanpreet Kaur Bains
MSc Molecular Medicine

The Medical School

www.sheffield.ac.uk/medicine

Enhance your career with a masters in a specialist field. Our courses are backed by world-class interdisciplinary research.

MRes Cardiovascular Medicine: From Molecules to Man	1 yr FT
MSc Clinical Neurology	1 yr FT
MSc/PGDip/PGCert Genomic Medicine	1 yr FT / 2 yrs PT
PGCert Medical Education	1-2 yrs PT
MA Medicine in Society	1 yr FT
MSc Molecular Medicine	1 yr FT
MRes Musculoskeletal Ageing	1 yr FT
MSc/PGDip/PGCert Neuroscience and Neurodegeneration	1-3 yrs PT distance
MMedSci Physician Associate Studies	2 yrs FT
MSc Reproductive and Developmental Medicine	1 yr FT
MSc Translational Neuropathology	1 yr FT
MSc Translational Neuroscience	1 yr FT
MSc(Res) Translational Oncology	1 yr FT / 2 yrs PT
MMedSci/PGDip/PG Cert Vision and Strabismus	2-3 yrs PT distance learning

UK Top 10 for research output

REF 2014

Learn from leading researchers

It's our mission to prolong and improve the lives of patients, and we seek to do this by conducting world-leading research in areas such as neuroscience, oncology, infectious diseases and more.

The University of Sheffield is ranked number one in the UK for the world-leading quality of our biomedical research and in the top ten for combined world-leading and internationally- excellent research outputs in clinical medicine.

The impactful, high-quality research that we undertake influences how we teach across all of our postgraduate courses. In many areas, our research activity spans the spectrum from basic science up to practical clinical applications. We pride ourselves on collaboration between clinicians and non-clinicians, and many of our courses include teaching from practising clinicians as well as research-active academics.

Our facilities

The Medical School is based at the Royal Hallamshire Hospital. Our labs provide facilities for cell biology, genomics, clinical research, skin barrier laboratories and

medical imaging. In spring 2020, we will open a new MRI-PET facility –the first of its type in Yorkshire.

The Sheffield Institute for Translational Neuroscience brings together state-of-the-art laboratories with a multi-disciplinary and collaborative environment.

Our Cancer Clinical Trials Centre provides facilities for the assessment and treatment of patients, and associated research.

Hepatitis B policy

If your course involves a significant risk of exposure to human blood or other body fluids and tissue, you'll need to complete a course of Hepatitis B immunisations. We conform to national guidelines that are in place to protect patients, health care workers and students.

English language requirements

See the individual course descriptions.

Intercalation

Medical students can intercalate into a masters degree. Medical students considering intercalation can find out more information at: sheffield.ac.uk/medicine/intercalate

MRes Cardiovascular Medicine: From Molecules to Man

Lead academic: Dr Victoria Ridger

The WHO estimates that by 2030 more than 23 million people will die annually from cardiovascular disease. The discovery of effective and novel treatments for disease starts with understanding the molecular and cellular processes involved.

The course is delivered by experts within the cardiovascular field, both clinicians and academics. It provides a unique research environment within which students can learn valuable transferable skills encompassing the full range of activity from discovery science at the laboratory bench to the hospital clinic/bedside. The research project forms the major part of your studies, during which time you will be integrated into the department as a member of an established research team.

Entry requirements

A minimum of 2:1 in a relevant science-related BSc. Medical students can intercalate after completion of three years of their medical degree. For equivalent grades for your country, visit

www.sheffield.ac.uk/international

English language requirements

IELTS score of 7.0, with a minimum of 7.0 in listening and 6.0 in the other components.

Core modules

Research Skills; Vascular Cell Biology; Vascular Disease: Models and Clinical Practice; Literature Review (related to project); Research Project.

Teaching and assessment

Teaching is delivered by research scientists, clinicians and clinical research managers. It consists of lectures supported by interactive tutorials and seminars. Demonstrations, simulations and practical classes are also used. Students will attend departmental seminars and Research in Progress meetings as well as research group meetings once the project has started.

Assessment is by oral and poster presentations, short reports and a translational perspectives leaflet. The research project is assessed by an oral presentation and written dissertation.

Contact

Dr Victoria Ridger

+44 (0)114 215 9549

licd-pgt-enquiries@sheffield.ac.uk

sheffield.ac.uk/licd/cvmres

MSc Clinical Neurology

Lead academic: Dr Thomas Jenkins

This course involves a high degree of patient contact, offering practical clinical exposure, and enabling you to apply the fundamentals of neuroanatomy and physiology to better understand the clinical features of patients with neurological diseases. You'll learn how insights from the laboratory are translated into benefits for patients.

In small group teaching sessions and clinics, you'll have the opportunity to apply theoretical knowledge to patients with neurological disease. In the final term you may take a research option (Route A) or a Clinical Neurology Experiential Learning Module (Route B).

Students opting for Route A will choose from a range of clinical research projects based at SITraN or within the Royal Hallamshire Hospital. Students opting for Route B will attend additional specialist clinics with patient-centred teaching from experts in the field who will emphasise recent advances in clinical practice.

Entry requirements

For Route A you'll need a 2:1 BSc degree in a biomedical science/health care subject or an MBChB degree. Medical students can intercalate after completion of three years of their medical degree.

For Route B you'll need an MBChB degree, be an intercalating medic and you must be eligible for GMC registration.

All students will require a DBS check and honorary contract with Sheffield Teaching Hospitals (arranged on arrival).

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.0 in reading, 6.0 in writing, 7.0 in listening and 6.0 in speaking, or equivalent.

Core modules

During the autumn and spring terms, you'll take four taught modules worth 30 credits each: Applied Neuroanatomy and Clinical Neuroscience; Cerebrovascular Disease and Disorders of Consciousness; Neuroinflammation (CNS) and Diseases of the PNS; Neurodegeneration.

Complementing the taught modules is a comprehensive programme of clinical demonstrations, integrated learning activities, themed clinics and neuro-anatomy dissection (autumn term) where students

will be able to apply the taught theory and further substantiate their understanding of the topic area being studied.

Examples of optional modules

Either a research project (Route A) or a Clinical Neurology Experiential Learning Module (CNELM) (Route B) worth 60 credits is completed in the summer term.

Teaching and assessment

The taught component of the MSc is delivered through lectures, seminars, tutorials, practical demonstrations and student-led group work. Each of the 30-credit modules is assessed using a formal examination (15 credits) and ongoing assessments during the module (15 credits), including essays, posters and oral presentations.

The research project (Route A) is assessed from the written dissertation and research presentation examination. The CNELM (Route B) is assessed by means of a portfolio (30 credits) and a 6,000-word dissertation (30 credits) on an aspect of the sub-speciality chosen for the module. The portfolio will contain a reflective log, anonymised details of cases seen, and work-based assessments.

Contact

Helen Hickson

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clinneuro@sheffield.ac.uk

www.sheffield.ac.uk/neuroscience/clinneuro

MSc/PGDip/PGCert Genomic Medicine

Lead academics: Dr Janine Kirby and Dr Dennis Wang

This is a stimulating course at the interface of medicine and data science. The course draws on expertise from two University faculties – Medicine, Dentistry and Health, and Science – as well as Sheffield Teaching Hospitals and the Sheffield Genetics Diagnostic Service (Sheffield Children's Hospital NHS Foundation Trust). It's aimed at students as well as professionals from healthcare and science backgrounds. The syllabus, as outlined by Health Education England (HEE), covers the scope and application of genomics in medicine and biomedical research as well as considering ethical and genetic counselling aspects which genomic medicine introduces.

The course is taught by academics, scientists and clinicians, using a range of methods. You'll have the opportunity to gain first-hand experience of hypothesis-driven research by carrying out your own project in genomic medicine.

Entry requirements

The course is aimed at UK/EU/International students with minimum of a 2:1 in a relevant scientific degree and NHS colleagues from suitable healthcare backgrounds. Medical students can intercalate after completion of three years of their medical degree.

For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.0 in reading, 6.0 in writing, 7.0 in listening and 6.0 in speaking, or equivalent.

Core modules

Fundamentals in Human Genetics and Genomics; Omics Techniques and their Application to Genomic Medicine; Genomic of Common and Rare Inherited Diseases; Molecular Pathology of Cancer and Application in Cancer Diagnosis, Treatment and Monitoring; Bioinformatics, Data Interpretation & Data Quality Assurance in Genomic Analysis.

Examples of optional modules

Pharmacogenomics and Stratified Healthcare; Application of Genomics in Infectious Diseases; Introduction to Counselling Skills used in Genomic Medicine; Advanced Bioinformatics – Clinical Bioinformatics and Personalisation of Medicines; Research Project; Literature Review; Professional & Research Skills.

Teaching and assessment

The MSc Genomic Medicine offers a wide range of delivery methods for providing theoretical knowledge, from lectures, laboratory sessions and tutorials to computer-based analysis workshops and flipped teaching as well as the opportunity to gain input from internationally renowned experts in their fields.

Problem-based learning is embedded within the course and features in combinations of online and in-person interpretive class formats. Tutorials, seminars and individual meetings with staff provide opportunities for discussion and feedback. Each of the departments delivering the programme fosters an environment that provides many opportunities for individual and group learning.

PG Diploma, PG Certificate and Continuing Professional and Personal Development (CPPD) options are available as entry and exit options on both a full-time or part-time basis.

Contact

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🌐 www.sheffield.ac.uk/neuroscience/genomicmedicine

PGCert Medical Education

Lead academic: Dr Trevor Austin

This is a highly flexible course, designed to fit around your needs and commitments. The course provides the opportunity for healthcare professionals with a developing interest in medical education to explore the theoretical principles underpinning medical education and consider how this relates to their practice.

The course aims to develop medical educators who are informed and understand the core principles and issues in medical education.

This course is delivered by leading experts within The Medical School.

Entry requirements

You will need a good first degree or masters level degree within the medical area and be able to demonstrate a keen interest in medical education.

As part of the application process you will be required to attend the Virtual Open Day via the course website at www.sheffield.ac.uk/aume/postgraduate/pgcert/virtualopenday

English language requirements

Overall IELTS score of 7.0 with 7.0 in each component, or equivalent.

Core modules

The Principles of Learning; Teaching and Learning in the Clinical Setting; Curriculum Design, Implementation and Monitoring; Assessing the Learner.

Teaching and assessment

Seminars, workshops, online activities practical activities and tutorial sessions. Each module is assessed via a reflective portfolio.

You can go on to study for a PG Diploma or masters in Teaching and Learning in Higher Education run via the School of Education.

Contact

Gail Hible

📞 +44 (0)114 222 5341

✉ aume-pgt-enquiries@sheffield.ac.uk

🌐 www.sheffield.ac.uk/aume/postgraduate/pgcert

MA Medicine in Society

Lead academic: Dr Annamaria Carusi

This is an interdisciplinary course, including perspectives from history, philosophy, sociology, politics and ethics. On the course you'll explore key topics in medicine in their medical, social and cultural complexity.

We'll introduce you to different disciplinary perspectives on medicine and health, as well as creative and problem-based learning approaches. You'll develop the interdisciplinary skills needed to tackle complex medical challenges in research and in practice.

You'll study scholarly texts, as well as (where relevant) art, film, photography, music, and social media, and use a range of media when researching and communicating topics. This course can lead to a diverse range of career opportunities in government, education, media, communications and more.

Entry requirements

Normally a 2:1 or higher in a bachelors honours degree, or equivalent, in a relevant subject area. Medical students can intercalate after completion of three years of their medical degree.

English language requirements

Overall IELTS score of 7.0, with a minimum of 6.0 in each component, or equivalent.

Core modules

Interdisciplinary Skills; Dissertation. The core module on interdisciplinary research skills involves analysing topical medical challenges from a variety of perspectives.

Optional modules

Philosophy of Medicine 1: Research and Practice; Philosophy of Medicine 2: Medicine, Ethics and Society; Medical Humanity; Medicine and Identity; Sociology of Health and Illness; Digital Health; Health and Social Justice; Global Health and Global Politics; Contemporary Challenges in Global Health Law.

Teaching

Teaching is by lectures, group seminars and personal tutorials to discuss dissertation topics.

Contact

Vicky Cottam

✉ iicd-pgt-enquiries@sheffield.ac.uk

MSc Molecular Medicine

Lead academic: Dr Martin Nicklin

This flexible course focuses on the molecular and genetic factors of human diseases. Understanding those factors is crucial to the development of therapies. Core modules cover the fundamentals. You choose specialist modules from the pathway that interests you most. We also give you practical lab training to prepare you for your research project. The project is five months of invaluable laboratory experience: planning, carrying out, recording and reporting your own research. A high proportion of students from this course progress to study for a PhD, while others go on to work in the industries.

Entry requirements

A 2:1 degree with a substantial element of human or animal biology. Medical students can intercalate after completion of three years of their medical degree. We also welcome medical graduates and graduates in other scientific subjects such as biotechnology. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.5 in listening and 6.0 in all other components. Students applying for the Clinical Applications pathway will need an IELTS score of 7 to include a score of 7 in the Listening component.

Core modules

From Genome to Gene Function; Human Gene Bioinformatics; Research Literature Review; Human Disease Genetics; Modulating Immunity; Laboratory Practice and Statistics. You choose: six optional pathways.

1. Genetic Mechanisms pathway

Modelling Protein Interactions; Gene Networks: Models and Functions.

2. Microbes and infection pathway

Virulence Mechanisms of Viruses, Fungi and Protozoa; Mechanisms of Bacterial Pathogenicity; Characterisation of Bacterial Virulence Determinants.

3. Experimental Medicine pathway

Molecular and Cellular Basis of Disease; Model Systems in Research; Novel Therapies.

4. Cancer pathway

Molecular Basis of Tumourigenesis and Metastasis; Molecular Techniques in Cancer Research; Molecular Approaches to Cancer Diagnosis and Treatment.

5. Cardiovascular pathway

Vascular Cell Biology; Experimental Models of Vascular Disease; Vascular Disease Therapy and Clinical Practice.

6. Clinical applications pathway

Apply directly to this pathway. Available only to medical graduates. Students are recruited to a specialist clinical team and pursue the taught programme (1–5) related to the attachment. They are then attached to a clinical team for 20 weeks, either for a clinical research project or for clinical observations. See website for more detail and current attachments.

Teaching and assessment

Lectures, seminars, tutorials, laboratory demonstrations, computer practicals and student presentations. Assessment is continuous. Most modules are assessed by written assignments and coursework, although there are some written exams. Two modules are assessed by verbal presentations. Your research project is assessed by a thesis, possibly with a viva.

Contact

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🌐 www.sheffield.ac.uk/molmed

You may also be interested in:

Human and Molecular Genetics (page 142)

MRes Musculoskeletal Ageing

Lead academic: Dr Jennifer Walsh MBChB PhD FRCP FHEA

This unique one-year programme provides access to modules, placements and experts from three universities. The course is run by the Centre for Integrated research into Musculoskeletal Ageing (CIMA) and funded by Medical Research Council and Arthritis Research UK. CIMA is a collaboration between the University of Sheffield, the University of Liverpool and the University of Newcastle. The course provides multidisciplinary research training on the musculoskeletal system as a whole in the context of ageing. The training has a strong focus on employability. Topics range from basic science to clinical aspects, from in vitro to in vivo models, and from the latest advances in the assessment of the musculoskeletal system to lifestyle interventions.

Musculoskeletal ageing is fast becoming one of the key global health challenges of the future, with increasing demand for experts in the field.

Entry requirements

Minimum 2:1 in a biomedical science-related subject.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.5 in each component, or equivalent.

Core modules

Principles of Human Nutrition: Relevance to Ageing; Biology of Ageing; Biology and Assessment of Skeletal Health; Muscle in the Integrated Musculoskeletal System; Research Project.

Teaching and assessment

The taught element is online over 12 weeks and may be taken remotely (depending on student status, live interactions will take place between 9–5pm UK time). This includes live lectures, wikis and blogs, and tutor support.

The research project involves hands-on laboratory or clinical work, and can be taken at whichever of the three universities holds the relevant expertise.

You'll also have the chance to take part in seminars, workshops and networking events, with some events involving industry and funders. You'll be assessed through exams, coursework, a mock grant proposal and a research project dissertation.

Contact

Dr Jennifer Walsh MBChB PhD FRCP FHEA

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✉ om-pgt-enquiries@sheffield.ac.uk

🌐 www.sheffield.ac.uk/humanmetabolism/mresmusculoskeletalageing

MSc Neuroscience and Neurodegeneration

Lead academic: Dr Jonathan Wood

This distance learning course enables you to apply the fundamentals of neuroanatomy and neurobiology to better understand the clinical features of patients with neurodegenerative disease, the molecular and cellular mechanisms underpinning these devastating disorders, and learn how insights from the laboratory are translated into benefits for patients.

It is focused around areas of research strength in Sheffield, including motor neurone disease, Parkinson's disease, multiple sclerosis, Alzheimer's disease and other forms of dementia.



This course takes a programme level approach with a balanced portfolio of formative and summative assessments, including an emphasis on development of communication skills and application of knowledge to real world situations.

Entry requirements

You'll need a 2:1 in an appropriate scientific subject. Applicants with a 2.2 will need to provide a strong supporting statement and will be interviewed by telephone.

English language requirements

Overall IELTS grade of 6.5 with a minimum of 6.0 in reading, 6.0 in writing, 6.5 in listening and 6.0 in speaking, or equivalent.

Core modules

Introduction to Neurodegeneration; Mechanisms of Neurodegeneration; Novel Therapies for Neurodegeneration; Professional and Research Skills; Literature Review.

Teaching and assessment

The MSc is delivered 100% online and comprises short video lectures and demonstrations, interactive activities, quizzes, student-led group work, online tutorials and discussion forums.

Assessment is primarily by written assignments and coursework including video-based poster and oral presentations.

Contact

Helen Hickson

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MMedSci Physician Associate Studies

Physicians Associates (PAs) are health professionals who see patients and address their health needs while working under the supervision of doctors. Qualified PAs have direct contact with patients in their assessment: taking histories, performing examination, making diagnoses and considering management plans, supported by the new Faculty of Physician Associates.

Students benefit from our world-class facilities and expertise. You will acquire a firm grounding in the knowledge and skills of generalist medical care to equip you to support doctors in 'first contact' health care, either in general practices or in hospitals. The course will be delivered in a systems-based, integrated way which places the patient at the centre.

The University is working closely with local Acute Trusts (hospitals) and Clinical Commissioning Groups (primary care) so that our graduates have the right qualities to meet the needs of potential employers and the public as a whole. Students who have sat a postgraduate diploma course in PA studies will have the opportunity to convert their diploma to a masters with the dissertation component undertaken while working in a clinical environment. For more information please contact the course director.

Entry requirements

A 2:1 or higher in a life sciences degree (such as biochemistry, physiology or biomedical science) with BBB grades at A Level (or equivalent). You should also have a keen interest in developing practical skills related to health and illness, and to working with the

public in the health sector. Selection will be by application and interview.

English language requirements

Overall IELTS score of 7.5 with a minimum of 7.0 in each component, or equivalent.

Contact

Dr James Gray

✉ aume-pgt-enquiries@sheffield.ac.uk

🌐 www.sheffield.ac.uk/aume/postgraduate/physicianassociates

MSc Reproductive and Developmental Medicine

Lead academic: Dr Mark Fenwick

The course, taught by leading scientists, clinicians and embryologists, provides training in reproductive and developmental medicine for scientists, clinicians and others, for instance ethical advisers or lawyers looking to specialise. It's a good platform for a research career or a career in clinical laboratory training for IVF or embryology.

Through the taught modules you'll develop a solid understanding of reproductive science relevant to clinical applications. We cover the breadth of processes from gonadal development and production of gametes through to pregnancy and parturition. Each module is taught by leading scientists and clinicians in that field.

You'll also have the opportunity to learn about the ethical issues and international laws regulating reproductive medicine. Finally, you'll undertake a research project to develop a depth of knowledge in a specialist topic.

Entry requirements

You'll need a 2:1 in a life science subject – biochemistry, biology, genetics, molecular biology – veterinary science or medicine. Medical students can intercalate after completion of three years of their medical degree.

English language requirements

Overall IELTS 6.5 with a minimum of 6.5 in listening and 6.0 in other components.

Core modules

Research Skills in Reproductive Medicine; Gonads to Gametes: Fundamentals of Reproduction; Fertilisation, Implantation and Embryology; Fetal Development, Pregnancy and Parturition; Reproductive Medicine and Assisted Conception; Law, Ethics and Policy in Reproductive Medicine.

Contact

Dr Mark Fenwick

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🌐 www.sheffield.ac.uk/oncology-metabolism/masters/rpd

MSc Translational Neuropathology

Lead academic: Dr Julie Simpson

This course combines taught modules on the fundamental aspects of the major nervous system diseases, with the development of practical laboratory skills encompassing histopathology, molecular pathology and microscopy.

You'll be trained to use tissue samples in neuroscience research aimed at understanding the pathophysiology of nervous system diseases and you'll discover how laboratory breakthroughs have been translated into clinical benefits.

The course will be taught by scientists and consultant neuropathologists who are experts in their fields. You'll get the opportunity to carry out neuroanatomy dissection and you'll work with leading research groups during the research project.

Entry requirements

Minimum 2:1 BSc in a relevant science. Medical students can intercalate after completion of three years of their medical degree.

English language requirements

Overall IELTS 7.0 with a minimum of 7.0 in listening and 6.0 in the other components.

Core modules

Neuro-anatomy; Basic Principles of Pathology and Histopathology; Molecular Neuroscience; Ethics in Neuroscience; Pathology and Modelling of Neurodegenerative Disease; Neuroinflammation, Neuro-Oncology and Neurovascular Disease; Literature Review and Critical Analysis of Science; Research Project.

Teaching and assessment

The taught component of the MSc is delivered through practical laboratory classes and demonstrations, lectures, seminars and tutorials. Assessment is primarily through written assignments and coursework, along with practical laboratory assessments, spotter exams, presentations and debates. The research project is assessed by a thesis and oral presentation.

Contact

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✉ transpath@sheffield.ac.uk

🌐 www.sheffield.ac.uk/neuroscience/transpath

MSc Translational Neuroscience

Lead academic: Dr Jonathan Wood

This course is focused on the molecular basis of neurodegeneration, and looks at how laboratory research relating to brain structure and function informs the development of new therapies for diseases of the nervous system.

Combining the research strengths from the Faculty of Medicine, Dentistry and Health and the Faculty of Science, leading international basic and clinical scientists will provide an innovative and progressive programme. You'll study basic neurobiology and molecular biology through to neuroimaging and applied clinical practice.

The MSc will provide you with up-to-date knowledge of advances in the field, research experience with internationally renowned research groups and transferable skills to provide a springboard for your future career.

Entry requirements

You'll need a 2:1 in an appropriate scientific subject. For equivalent grades for your country, visit

www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.0 in reading, 6.0 in writing, 7.0 in listening and 6.0 in speaking, or equivalent.

Core modules

Molecular Neuroscience; CNS Structure and Function; Pathology and Modelling of Neurodegenerative Disease; Literature Review and Critical Analysis of Science; Ethics in Neuroscience; Mechanisms of Neurodegenerative Disease; Applied Neuroimaging; Neurophysiology and Psychiatry. A 20-week Research Project will be undertaken in the summer term.

Teaching and assessment

Lectures, seminars, tutorials, laboratory demonstrations and student-led group work. Assessment is primarily by written assignments and coursework, although there are some poster and oral presentations. The research project is assessed by a thesis and presentation.

Contact

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🌐 www.sheffield.ac.uk/neuroscience/transneuro

MSc(Res) Translational Oncology

Lead academic: Dr Carolyn Staton

Translational oncology is the process by which laboratory research informs the development of new treatments for cancer. It's a rapidly advancing field with massive therapeutic and commercial potential, and recent graduates have gone on to work in academic research science, pharmaceuticals, the biotech industry and the NHS among others.

Our MSc(Res) is taught by leading research scientists and clinicians. The course offers training in the theory and practice of translational oncology and provides you with transferable skills for your future career.

The course is designed so that students progressively achieve more advanced levels of learning and practice by giving a thorough grounding in the subject matter through five taught modules before leading you into the advanced research modules, namely the literature review and the six-month research project, for which you'll work as part of a team within the oncology research community at Sheffield.

Entry requirements

Minimum 2:1 in a relevant science-related subject. We also welcome medical graduates, and UK medical undergraduates wishing to intercalate. Medical students can intercalate



“The course was incredibly challenging and demanding but provided me with a wealth of knowledge, understanding and experience of molecular biology/genetics that has greatly aided me in my career so far.”

Tom Hodgkinson
MSc Human and Molecular Genetics

Molecular Biology and Biotechnology

www.sheffield.ac.uk/mbb
mbb-pgt-apply@sheffield.ac.uk
 +44 (0)114 222 2750

after completing three years of their medical degree. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 7.0 with a minimum of 7.0 in listening and 6.0 in the other components.

Core modules

Cellular and Molecular Basis of Cancer; Cancer Epidemiology; Cancer Diagnosis and Treatment; Tumour Microenvironment; Cancer Technologies and Clinical Research; Literature Review; Research Project.

Teaching and assessment

Teaching is by lectures, seminars, class discussions/workshops, interactive tutorials, practical demonstrations, student-led group work and patient encounters.

Alongside the taught modules, students attend the Sheffield Cancer Research seminars which include question and answer sessions with the experts, and a series of professional skills development tutorials.

Assessment is by a combination of written seen exams, oral and poster presentations, and written assignments. The research project is assessed by an oral presentation and a written dissertation.

Contact

Dr Carolyn Staton
 +44 (0)114 215 9063
om-pgt-enquiries@sheffield.ac.uk

www.sheffield.ac.uk/oncology-metabolism/masters/to

MMedSci/Dip/Cert Vision and Strabismus

Lead academic: Dr Charlotte Codina

The course is for practising orthoptists and other eye care professionals. It's taught online (supported by two residential weekends, an introductory day for Low Vision and virtual tutorials), so you can study for a higher degree without having to leave your current post.

We have several specialist orthoptists on our teaching and research team. Many of our students go on to publish the results of their research projects. Any module can be studied as a standalone for Continuing Professional Development.

Entry requirements

Anyone with an orthoptic degree or diploma, or appropriate eye care qualification may apply (2:1 or higher classifications are preferred). Applications are welcomed from anywhere in the world, provided internet access is available.

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.5 in each component, or equivalent.

Course content

Concomitance and Incomitance in Depth or Stroke; Insight into Disease or Low Vision;

Eye to Vision or Exemptions; Research Methods (option for Postgraduate Diploma); Dissertation (Postgraduate Diploma only); Research Project (MMedSci only).

Teaching

Teaching is by distance learning, supported by two weekend residentials (and introductory day for Low Vision) that take place in Sheffield and virtual tutorials using e-technology.

Contact

Dr Charlotte Codina
 +44 (0)114 215 9042
vs-admissions@sheffield.ac.uk
www.sheffield.ac.uk/medicine/prospectivepg/taught/mmedsci

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, our named course contacts will be happy to answer your query.

We're working with organisations all over the world, finding new ways to meet the global challenges of food security, antibiotic resistance and healthy ageing.

Course	Duration
MSc Antimicrobial Resistance	1 yr FT / 2 yr PT
MSc Human and Molecular Genetics	1 yr FT
MSc Molecular Biology and Biotechnology	1 yr FT

You may also be interested in

MSc Biological Imaging	Page 153
MSc Molecular Medicine	Page 137
MSc Science Communication	Page 160

1st for medical research

REF 2014

Top 5 for biological sciences

REF 2014

The department was founded by Sir Hans Krebs who won the Nobel Prize for his discovery of the Krebs Cycle.

An international reputation

In the latest Research Excellence Framework (REF) in 2014, we were ranked number one in the UK for medical research excellence and in the top five for biological science. We have regular seminars from distinguished experts, and our motivated staff undertake collaborative research ranging from biotechnology to medicine.

Teaching and assessment

Our masters courses give you a solid grounding in experimental science, with personal supervision and tutorials by experienced scientists, based in modern, well-equipped labs, leading to a project in which you design and conduct your own research. You will learn cutting edge science from research leaders, and gain practice in reading scientific literature and writing reports. Assessment is based on a combination of coursework, project work, formal examinations and a dissertation.

Entry requirements

A 2:1 degree or equivalent university qualification in molecular biology or a related subject (eg biochemistry, genetics, biotechnology, and microbiology). We also accept medical students who wish to intercalate their studies. Candidates with professional experience may also be considered following interview.

English language requirements

Overall IELTS score of 6.5 with minimum of 6 in each component, or equivalent.

MSc Antimicrobial Resistance

Designed in collaboration with the NHS, throughout your course you'll learn about the latest clinical practice in the fast-moving area of antimicrobial resistance. Guest lectures from experts in the biotechnology and pharmaceutical industry, and public health policy introduce you to the different approaches that are being used to overcome this global threat

You'll get hands-on in the lab with modules led by our scientists and clinicians to address basic biological problems in understanding the breadth of host-pathogen interaction.

The biggest part of the course is the Research Project in Antimicrobial Resistance. Here you'll spend three months researching an area of your choice that matches your future career aspirations and may include microbiology and host-pathogen interactions, public health, or drug discovery and new therapies. Some students may have the opportunity to complete their research project with the NHS.

Modules

Infectious Disease and Antimicrobials; AMR and Current Clinical Practice; Global



Policy, Disease Control and New Therapies; Developing Communication Skills; Research and Communication across the Disciplines; Research Project in Antimicrobial Resistance.

After your degree

This course is designed to equip students with the specialist knowledge and transferable skills to pursue careers in public health, with the NHS or similar organisations around the world, policy making for NGOs or in industry, consultancy, and in research scientist or infection control roles for biotechnology or pharmaceutical companies. It's also great preparation for a PhD.

MSc Human and Molecular Genetics

Designed for students who are fascinated by medical genetics. Through hands-on practical skills training and lecture modules you'll explore human genetics and develop an understanding of how human genetic diseases are diagnosed clinically at the chromosome and DNA levels.

Students have the opportunity for clinical work placements in the Sheffield Diagnostic Genetics Service, which is based in the Sheffield Children's Hospital NHS Foundation Trust.

The biggest part of your course is the Medical Genetics Laboratory Project. Here you'll spend six months undertaking extensive training before applying this knowledge to the diagnosis of human genetic diseases.

Core modules

Advanced Research Topics; Laboratory Techniques in Molecular Bioscience; Literature Review; Research Project.

Optional modules

Choose three from: Genome Stability and Genetic Change; The Genetics of Human Disease; Human Reproduction and Fertility; Genomic Science, Stem Cell Biology; The RNA World; Genetic Pathways from Zygote to Organism.

After your degree

Genetic diagnostic technologies are transforming clinical pathology in private and public healthcare systems. Through practical diagnostic laboratory training, clinical research and opportunities for NHS work placements, graduates will be well equipped to pursue careers in healthcare diagnostics, research and industry. Previous students have gone on to join the NHS Scientist Training Programme in Genomics, Cancer Genomics, and Genetic Counselling.

Graduates also progress to bioscience-research based PhDs and professional research assistant positions in industry and academia.

MSc Molecular Biology and Biotechnology

Through research-focused training, you'll develop your skills in planning and carrying out your own experiments, approaching scientific problems experimentally across molecular biology and biotechnology, and using revolutionary laboratory techniques, including CRISPR genome editing technology, Western analysis, and BLAST DNA sequence analysis, to solve these problems.

Through lectures and seminars delivered by visiting experts from leading universities across the globe, you'll gain a unique perspective on the underpinning theory and latest research spanning the breadth of molecular biology.

Once you've mastered the latest molecular bioscience techniques, you'll be ready to apply these skills to your Research Project. Here you'll spend up to six months researching an area of molecular biology or biotechnology that matches your future career aspirations under the supervision of an expert in the field. Topics may include molecular biology, plant biotechnology, industrial biotechnology or metabolic engineering.

Core modules

Laboratory Skills in Molecular Bioscience; Cells as Factories; Advanced Research Topics; Literature Review; Research Project.

Optional modules



Choose three from: The RNA World; Plant Biotechnology; The Microbiology of Extreme Environments; Advanced Biochemical Engineering; Advanced Bioprocess Design Project.

After your degree

This course has been designed to develop your confidence and independence to become a reliable researcher or investigator in the fast-moving biotechnology industry. It's also good preparation for a PhD.

 **Apply**
www.sheffield.ac.uk/mbb/postgraduate/msc

If you'd like to know more about any aspect of our courses, contact us:

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“Studying a performance-based masters in a university where there are experts in other areas is a great opportunity. Being able to address my performance with new perspectives as a result of cross-specialisation input has brought new ideas and freshness to my own approach as a musician.”

Alison York
 MA Music Performance Studies

Music

 www.sheffield.ac.uk/music
 music-admissions@sheffield.ac.uk
 +44 (0)114 222 0495

We have expertise in everything from musicology and ethnomusicology to performance, composition, music technology, music psychology and music management.

Course	Duration
MA Composition	1 yr FT / 2 yrs PT
MA Ethnomusicology	1 yr FT / 2 yrs PT
MA Musicology	1 yr FT / 2 yrs PT
MA Music Management	1 yr FT / 2 yrs PT
MA Music Performance Studies	1 yr FT / 2 yrs PT
MA Psychology of Music	1 yr FT / 2 yrs PT
MA Traditional and World Music	2 yrs PT distance learning
MA Music Psychology in Education, Performance and Wellbeing	2 yrs PT distance learning
PG Cert in Music Psychology in Education, Performance and Wellbeing	1 yr PT distance learning

You'll work alongside professional musicians and researchers with visits and masterclasses from guest performers and scholars.

About us

Music at Sheffield attracts world-leading academics and musicians working in a wide range of specialist fields. This is reflected in the diversity of the MA programmes we offer, both on campus and by distance learning. Our courses are taught by experts and backed by world-class research. In the 2014 Research Excellence Framework (REF) 84 per cent of our work was rated internationally excellent or world-leading.

We are influential in composition, ethnomusicology, musicology, performance, music technology, music management and psychology of music. Our MA programmes allow students to take advantage of the department's distinctive interdisciplinary research environment and to be part of a strong postgraduate community by selecting modules from other specialist areas.

Performance is an important part of our work. You will have the chance to participate in orchestras, musical theatre, contemporary music, folk and world traditions. We have strong links with the community, giving you the chance to volunteer with local arts organisations.

Our research centres and clusters provide a hub for research collaborations in music psychology, audience research, new music and world music.

Your career

Our graduates are employed by universities, colleges, concert agencies and music promoters. Many work in recording studios and some are professional performers in various genres around the UK and abroad.

Studios and equipment

We have a dedicated postgraduate research suite and several studios for advanced compositional work, software development, sound recording, laboratory and field experimentation, transcription, music notation and other research applications. You will have access to scores, books, periodicals, recordings and online resources. Whichever programme you choose, you will be able to use tools for digital recording, video and film. We also have excellent practice facilities and collections of historical and world music instruments.

Our team of professional musicians bring performance expertise to the department –

including clarinettist Sarah Watts, classical pianist Dr Anne Macgregor and North Indian tabla and santoor performer John Ball.

Funding

University and faculty funding is available each year. The department has a number of scholarships available for our strongest candidates.

Entry requirements

For most of our courses you'll need a 2:1 in music or a combined degree with a substantial music component.

Degrees in other related subjects may be acceptable depending on your background.

For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 5.5 in each component, or equivalent. The MA Music Management has different IELTS requirements – see course details.

“MA Composition developed and strengthened my compositional voice with tutorials, live opportunities, and conferences. It gave me the opportunity to collaborate with an engineer on a very unique sound installation. Most significantly, it changed the way I think and write about music with group discussions and focused dissertation study. This is a valuable and rewarding degree for composers who welcome a challenge.”

Stephen Theofanous
MA Composition

MA Composition

This course offers an opportunity for you to immerse yourself in the creation of either instrumental or electroacoustic composition. You can choose to specialise in instrumental composition and explore a broad range of compositional approaches and techniques while collaborating with performers. Alternatively, you may specialise in electronic/electroacoustic composition which includes the opportunity to explore creative applications of analogue/digital technologies, real-time audio processing techniques, and aesthetics of sonic art. Our programme provides you with skills, techniques and experience that will prepare

you for doctoral work or employment in the creative arts.

Course content

See www.sheffield.ac.uk/music/prospective-pg/taught

Teaching and assessment

Seminars, individual tutorials, workshops and graduate study days. Assessment takes a variety of forms such as compositions and essays.

MA Ethnomusicology

Ethnomusicology is the study of music's relationships to the social and cultural contexts in which it occurs, seeking to understand what music is, and the role it plays in human interactions and experiences. Our specialisms are unusually diverse, including: the music of Korea, folk music, dance and song of England and of the British Isles, and North Indian classical music.

Course content

See www.sheffield.ac.uk/music/prospective-pg/taught

Teaching and assessment

Seminars, individual tutorials and lectures. Assessment takes a variety of forms such as reports and essays. They are usually individual assessments, even if they concern the processes and outcomes of group work.

MA Musicology

This course offers you the opportunity to engage with a range of specialist areas including Mozart, music of the classical period, Renaissance music, music and visual culture, eighteenth and nineteenth-century style, the concerto genre and the Broadway musical. Course themes can include gender, philosophy, culture and aesthetics, and may involve an examination of history, composition, performance and reception. You will engage with how music is created, disseminated and received, via a range of methodologies and often through interaction with other disciplines.

Course content

See www.sheffield.ac.uk/music/prospective-pg/taught

Teaching and assessment

Teaching is through seminars, reading group, graduate study days and individual tutorials. Assessment is through essays, short presentations and a dissertation.

MA Music Management

Taught by the Department of Music and the Management School, our programme allows you to specialise in your areas of interest while gaining insight into the principles and strategies of management across the creative industries. It's suitable for those looking to launch a management career in the music industry and for music creators wishing to enhance their prospects of success. As the music industries are rapidly changing, private and public sector organisations are looking for graduates who can bring a high degree of flexibility and critical insight.

Course content

See www.sheffield.ac.uk/music/prospective-pg/taught

Teaching and assessment

Seminars and individual tutorials. Projects may see students undertaking consultancy and promotions work with national partners. Assessment takes a variety of forms such as reports and essays.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

MA Music Performance Studies

This unique course combines traditional areas of study, such as history and theory, with newer disciplines including music psychology and ethnomusicology. We have a reputation for research of international quality and play an important role in Sheffield's thriving cultural life, promoting over 60 concerts a year as well as productions of opera in the University's theatre. We also have close links with Music in the Round, which brings some of the world's finest musicians to Sheffield.

Course content

See www.sheffield.ac.uk/music/prospective-pg/taught

Teaching and assessment

Individual instrumental or vocal tuition. You will be assessed by presentations, coursework, and a recital at the end of the course.



James Surgenor, PhD student and MA Graduate



“Choosing the University of Sheffield as a place to study is the best decision I have ever made. The lecturers are experts in their field, the facilities are great, and the city has a good ambience to study. I gained a lot of knowledge and sharpened my critical thinking here.”

Christ Aryanto
MA Psychology of Music

MA Psychology of Music

This course is the longest established masters in music psychology in the UK. It is broad and inclusive in its coverage of research areas and provides rigorous training in qualitative and quantitative research techniques. Our tutors have published widely in music psychology and education. This course allows you to use psychological methods and theory to interpret and understand musical behaviours, sounds and ideas. You will be introduced to a range of areas including music cognition and neuroscience, musical development, music in everyday life and psychology of performance.

You will specialise within an area and pursue original research to be demonstrated by a written dissertation, generally including experimental or observational empirical investigation. Students have the option to choose a few modules outside of Psychology of Music to complement their area of study, including modules from the Department of Psychology.

Course content

See www.sheffield.ac.uk/music/prospective-pg/taught

Teaching and assessment

You'll learn through seminars, lab-sessions, graduate study days, and tutorials. The taught programme is continuously assessed through a variety of forms such as reports and essays. They are usually individual assessments, even if they concern the processes and outcomes of group work.

Distance learning

Two of our masters courses are available as distance learning courses (see the full programme list at the beginning of this section.) Our distance learning psychology programme is also offered as a PG Certificate in which students study a selection of modules from the MA programme.

Distance learning means that most of the teaching is done through online course materials and readings supported by email, phone or Skype tutorials. You will need to attend the University for one residential each year.

Entry requirements for distance learning programmes

2:1 undergraduate degree. If your undergraduate degree is not in music, you'll need to provide evidence of substantial engagement with music.

We also recognise the value of experience, and may accept applications from people who have been in practice, or who bring other experience to their studies.

Please contact us to discuss your application.

MA Traditional and World Music (part-time, distance learning)

This distance learning course combines annual residential weeks in Sheffield with longer periods of online-supported learning which means students can study from anywhere in the world. Traditional and world musics and their associated cultures are studied through practical methods such as fieldwork and direct participation in music-making, as well as library research and theoretical interpretation. Students gain both a deeper knowledge of the music and a set of skills for discovering and communicating new knowledge about music. The courses are intended for musicians, educators and other enthusiasts who want to know more about traditional and world musics and about ways of studying and understanding music in its social and cultural context.

The course allows students to specialise in an area of their choice, while providing the opportunity to study musical phenomena from a global perspective. Some students take advantage of Sheffield's position as a major hub of both English and 'Celtic' musical activity to pursue in-depth studies on traditional musics of the British Isles. Others enjoy the opportunity to develop new understanding of musical sounds, practices and cultures from elsewhere in the world. In this course, 'World Music' is interpreted quite literally as encompassing, in principle, the study of any and all musical activity in the world: Western as well as 'exotic', popular as well as classical, amateur as well as professional.

Course content

See www.sheffield.ac.uk/music/prospective-pg/taught

Teaching and assessment

Lectures, seminars, world music performance workshops and email tutorials with supporting course texts and guidance notes. Assessments take a variety of forms such as reports and essays, fieldnotes and recordings, and a final dissertation or folio.

MA Music Psychology in Education, Performance and Wellbeing (part time, distance learning)

Drawing students from all over the world, this course focuses on the application of psychological research to musical experiences and professions, and attracts graduate musicians who work in the fields of music education, performance and therapy, performance, or teaching. We provide you with training in the research methods used by psychologists, together with the conceptual framework within which these methods can help to inform and explore musical expertise and understanding.

The first year is dedicated to three broad areas of research: Musical Development, Psychology of Performance, and Researching Music in Everyday Life and Wellbeing. The second year offers training in Psychological Research Methods, which is followed by dissertation research on an individually chosen research project in which you use music psychological theory and methods to investigate a self-defined research question.

You will also benefit from newly-written online materials, and from the department's extensive collection of electronic books and journals in music education. You will be assigned a personal tutor and dissertation supervisor who will support your learning throughout the course.

Course content

See www.sheffield.ac.uk/music/prospective-pg/taught

Teaching and assessment

Much of the course is taught online via web discussions and tutorial groups, email and telephone tutorials. You'll also attend lectures and seminars at annual residentials and optional study days. Assessments take a variety of forms such as reports and essays.



Dr Victoria Williamson

"My research unit studies the many roles of music in our wellbeing, in life circumstances that are both everyday (music practice, language learning, sleep) and extraordinary (living with dementia, hospital treatment). With my international collaborators I also work on the psychology of music memory and the evaluation of music performance."

MA Cert Music Psychology in Education, Performance and Wellbeing (part time, distance learning)

This course is aimed at music teachers and working musicians and can change the way you think about your work. It could also take your career in a new direction.

Course content

See www.sheffield.ac.uk/music/prospective-pg/taught

Teaching and assessment

This course is taught through online materials, in combination with individual tutorials through e-mail, telephone or Skype. There is the option to attend research seminars and study days in Sheffield.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

+44 (0)114 222 0495
 music-admissions@sheffield.ac.uk



"Being on placement is one of my favourite parts of the course. While on placement I feel really well supported both by the academic staff at the University and my mentor."

Samantha Treloar
 PG Dip Nursing Studies

Nursing and Midwifery

www.sheffield.ac.uk/snm
nursing-pgt-enquiries@sheffield.ac.uk
 +44 (0)114 222 2030

We provide you with the skills employers are looking for so you can move forward with your career.

Course	Duration
MMedSci Advanced Paediatric Nurse Practitioner	1-5 yrs PT
MMedSci General Practice Advanced Nurse Practitioner	2-5 yrs PT
PGCert/PGDip/MMedSci Advanced Nursing Studies	Online - 3 yrs PT
MMedSci Advancing Practice (Modular Framework)	2-5 yrs PT
MMedSci Advanced Neonatal Nurse Practitioner	2-5 yrs PT
MA Dementia Studies	1 yr FT
MMedSci Nursing Studies (leading to professional registration as an Adult Nurse)	2 yrs FT
PGCert Managing Long-Term Health Conditions	1-2 yrs PT
PGCert Neonatal Intensive Care	1-2 yrs PT

Our alliance with the Royal College of Nursing puts us at the forefront of the profession

Our alliance with the Royal College of Nursing

Over a five-year period (2018-2023) we will be conducting a large programme of research in alliance with the Royal College of Nursing. This work will seek to influence public policy and promote better outcomes for the population and the NHS workforce.

This work will be based around three key themes: education; workforce; evaluation. Our work on the education theme will look at nursing education at both pre- and post-registration levels. We'll be exploring and evaluating how nursing education is delivered, and whether it meets the needs of the NHS workforce.

This means that we're ideally placed to offer you high-quality courses, informed and shaped by the latest research in the field. Our postgraduate courses are designed for nurses and health practitioners who want to extend their knowledge, develop their practice and further their careers.

Learn from some of the best

We pride ourselves on the high quality of our teaching. We have strong links between theory and practice, with active researchers across a broad range of specialisms teaching on our courses.

Our courses are delivered by a mixture of academic staff and clinical staff, who all bring a wealth of knowledge and experience to help you develop into an excellent healthcare practitioner.

MMedSci Advanced Paediatric Nurse Practitioner

This course equips paediatric nurses with the skills to become future leaders of paediatric nursing practice and to play a pioneering role in multi-disciplinary teams, making pivotal decisions about practice, leadership and management.

A dynamic combination of theory and practice will equip you with the knowledge and skills to develop critical thinking. A mastery of broader contemporary knowledge commensurate with your development as an APNP will prepare you to work effectively across traditional boundaries within the four pillars of advanced practice.

Entry requirements

You will need to be a registered nurse working in a relevant area of practice and have a minimum 2:2 degree in an appropriate subject.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Paediatric Health Assessment and Diagnostic Reasoning with Applied Pathophysiology; Work-based Learning in Specialist Practice; Advanced Paediatric Nursing: Contemporary Clinical Practice; Research Methods; Evidence Based Practice; Non-Medical Prescribing.

Teaching and assessment

You'll learn through lectures, seminars, small group work and clinical instruction. You'll be assessed on an observed structured clinical exam, short answer exam paper and MCQs (multiple choice questions), independent learning pathway and bespoke skills log, health assessments skills inventory with extended health assessment, report writing.

MMedSci General Practice Advanced Nurse Practitioner

This programme has been developed to meet the changing skill-mix required in the primary care workforce. The programme is informed by recent work to clarify professional career pathway stages and competencies for advanced practice in primary care. The programme covers core competencies relating to advanced practice including: direct clinical competence as a generalist, leadership and collaborative practice, improving quality and developing practice, and developing self and others.

The programme aims to develop expert generalists who are able to provide accessible, first contact preventive care, and diagnosis and management of acute and long-term conditions. It produces practitioners who are able to work well within a skill-mix team to develop a responsive and effective person-centred primary care. The programme facilitates the development of a portfolio of competencies across clinical areas.

Entry requirements

You will need to be a registered nurse with experience of working in a primary care setting and have a minimum 2:2 degree in an appropriate subject.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Core modules

Consultation and Person-Centered Primary Care; Evidence Based Practice; Advanced Clinical Assessment; Nurse Independent Prescribing; Complex Needs and Primary Care Development; Critical Development of Clinical Practice.

Teaching and assessment

You'll learn through lectures, seminars, small group work and practical clinical skills teaching. You'll be assessed on an observed structured clinical exam, case study presentations, short answer exam paper and MCQs (multiple choice questioning), essay writing.

PGCert/PGDip/MMedSci Advanced Nursing Studies

This online course is ideal for nurses everywhere who want to develop their professional practice and move on in their careers.

The flexible programme is perfect if you're already in advanced nursing practice or you plan to be. It helps you build on your existing experience and develop new skills. And it's value for money: you'll get one-to-one tutorial support and regular interaction with other practitioners from around the world.

Entry requirements

You'll need a 2:2 degree in a relevant subject.

You must be a qualified nurse in your country of residence with at least 12 months' appropriate experience. You can be based anywhere in the world but you'll need access to a computer with a broadband internet connection.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Studentships

If you already work with NHS patients in NHS Yorkshire and the Humber or East Midlands, funding may be available. Contact us for more information.

Core modules

Masters Level Study Skills; Legal and Professional Issues in Health Care; Information and Communication in Health Care; Leadership and Change Management; Research Methods; Health Promotion and Education; Evidence-Based Practice; Teaching, Coaching and Mentorship.

Examples of optional modules

Key Issues in National and Global Public Health; Recognising and Responding to Patient Deterioration in the Acute Setting.

Teaching and assessment

The course is taught entirely online. There's no need to attend in person. We expect you to contribute regularly to online discussion

groups. Your work is assessed throughout the course – a 3,000-word assignment for each taught unit. You'll get feedback from your tutor. You'll also write a dissertation.

MMedSci Advancing Practice (Modular Framework)

This course is aimed at busy professionals working in clinical practice and service improvement. It's designed to provide you with the knowledge and skills you need to advance your career. The modular framework means you can take a flexible approach, studying part time, for up to five years.

You can build your own masters degree as you go, focusing on subjects that are relevant to your area and your own personal needs.

Entry requirements

You'll need to be a qualified health care professional and have a minimum 2:2 degree.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Studentships

If you already work with NHS patients in Yorkshire and the Humber or in the East Midlands, funding might be available. Contact us for more information.

Core modules

Evidence-Based Practice; Methods of Inquiry.

Examples of optional modules

Including: Advanced Renal Nursing Practice; Advancing Autonomous Practice; Cancer Pathophysiology and Therapeutics; Care and Management of the Renal Patient; Context and Concepts in Advancing Practice; Living With and Beyond Cancer; Managing Diabetes as a Long-Term Health Condition; Managing Heart Failure as a Long-Term Health Condition; Managing Respiratory Disease as a Long-Term Condition; Nurse/Midwifery Independent/Supplementary Prescribing; Recognising and Responding to Patient Deterioration; Relationship-Centred Dementia Care; Theorising Dementia and the UK Policy Context; Palliative and End of Life Care; Preparation of Supervisors of Midwives; Psychosocial Approaches to the Care and Treatment of People with Dementia.



Teaching and assessment

You'll learn through lectures, seminars, small-group work and clinical instruction, plus specialist sessions with expert speakers.

The dissertation is by supervised tutorial. Each taught unit is assessed by written assignment, OSCE, presentations or examination. The final unit is an extended project or literature review, leading to a dissertation or workplace study.

MMedSci Advanced Neonatal Nurse Practitioner

This course combines theory and practice, and you'll develop skills in critical thinking, analysis and self-awareness. You'll take part in workshops using real clinical scenarios. You'll learn how to work across traditional boundaries and how to deal with the uncertainty that is inherent in an advanced neonatal nurse practitioner role.

Entry requirements

Minimum of a 2:2 in a relevant health care subject. You must also have worked in a neonatal environment since achieving QIS status or equivalent.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component.

Core modules

An In-Depth Review of Biosciences and Pathophysiology as Applied to the Neonate; Neonatal Health Assessment and Diagnostic Reasoning; Advanced Clinical Skills

Acquisition; Complex Neonatal Nursing; Evidence Base for Practice; Leadership, Autonomy, Advocacy, Accountability and Responsibility.

Teaching and assessment

You'll develop a portfolio of learning: skills log, case study presentations, professional conversations and reflective workshops, objective structured clinical exam, formative and summative EMSQs (multiple choice-style questions under exam conditions) and report writing.

MA Dementia Studies

About 800,000 people in the UK are living with dementia. It's estimated that dementia costs the economy £23 billion a year. There is a growing demand for practitioners and decision-makers with the insight to tackle what is a major social challenge. This new MA helps to meet that demand.

The course was developed by staff from the School of Nursing and Midwifery with colleagues from the Departments of Sociological Studies and Human Communication Sciences. The teaching team are academics and practitioners from dementia education, research and clinical practice.

Entry requirements

Either a bachelors degree or 120 credits at level 6 (degree level). We expect many applicants will have clinical experience of caring for or supporting people with dementia but this is not a requirement.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component.

Studentships

If you already work with NHS patients in Yorkshire and the Humber or in the East Midlands, funding might be available. Contact us for more information.

Modules

Theorising Dementia within the UK Policy Context; Inclusive of People with Dementia: Involvement and Impact; Understanding Communication in Dementia; Psychosocial Approaches to the Care and Support of People with Dementia; Palliative and Supportive Care; Dementia and Identity; Effective Safeguarding For People with Dementia; Evidence-based Practice.

Teaching

Full-time students attend two full study days a week at University during term time, on Tuesdays and Wednesdays. Students complete four compulsory 15- credit modules per semester and then either a 60 credit research dissertation or a Critical Development of Clinical Practice project between February and September of 2019.

MMedSci Nursing Studies (leading to professional registration as an Adult Nurse)

Our approach to teaching is innovative. Instead of sitting in a lecture theatre, you'll work on solutions to specific problems. This helps you develop the skills and the confidence you need. You'll study alongside other health care professionals in a health care setting.

You'll learn how to critically evaluate current research, policies and practice. By linking theory to practice, you'll develop a range of clinical skills and knowledge appropriate for professional registration as an adult nurse.

Entry requirements

You'll need a 2:2 degree in a relevant area such as social sciences, human sciences, biomedical sciences, public services, and GCSE Mathematics, English and Science. You'll also need to show that you have 650 hours of health care experience.

English language requirements

Overall IELTS score of 7.0 with a minimum of 7.0 in each component, or equivalent.

Funding

For details of funding available please see: www.nhsbsa.nhs.uk/students

Course content

The course is 50 per cent theory and 50 per cent practice, based on four core units of study: Foundations in Health and Nursing; Patients with Acute and Short-Term Needs; Patients with Long-Term Conditions and Complex Needs; Transitions to Practice: Managing and Organising Care.

Teaching and learning

This course uses an innovative problem-based learning strategy to help you think about real clinical practice scenarios. A strong emphasis on cooperative learning helps you manage unfamiliar situations, make reasoned decisions, adapt to change, and plan your future learning. It's a realistic and challenging preparation for registration.

Assessment

You're assessed on theory and practice. In practice, you'll need to achieve a number of competencies by the end of each unit, assessed by your clinical mentor. Your theoretical knowledge is assessed by written assignments, case studies, poster presentations and exams.

PGCert Managing Long-Term Health Conditions

This unique course is clinically focused and disease specific. You'll develop a critical understanding of the research, policies and practice relating to long-term conditions in various organisational contexts. Studying and discussing the difficulties faced by people living with long-term health conditions will enhance your intellectual and practical skills.

Entry requirements

You'll need 120 credits at level 6 (or the equivalent shown through APEL), or a proven ability to study at postgraduate level. If you're a health care practitioner, you should be professionally registered and have the relevant clinical experience.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Studentships

If you already work with NHS patients in NHS Yorkshire and the Humber or in the East Midlands, funding may be available. Contact us for more information.

Core module

There are no core modules.

Examples of optional modules

Choose four from a range including: Managing Diabetes as a Long-Term Health Condition; Managing Heart Failure as a Long-Term Health Condition; Managing Renal Disease as a Long-Term Health Condition; Palliative and End of Life Care; Identifying the Deteriorating Patient in Primary Care; Relationship-Centred Dementia Care.

Teaching and assessment

Lectures, seminar presentations and small-group work. Sessions are run by either clinical experts or our experienced lecturers. Each module is assessed by a written assignment.

PGCert Neonatal Intensive Care

If you're working within neonatal intensive care, this course gives you the opportunity to advance clinically and professionally. You'll focus on the specialist knowledge and skills necessary for managing, promoting and delivering safe evidence-based care that addresses the physiological, psychological and cultural needs of neonates and their families. Clinical experts in neonatology and other related fields contribute to the course, reflecting the multidisciplinary nature of real practice.

Entry requirements

We're looking for registered nurses working within the context of neonatal intensive care who already have a nursing degree.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Studentships

If you already work with NHS patients in NHS Yorkshire and the Humber or East Midlands, funding may be available. Contact us for more information.

Core modules

Stabilisation and Management of the Special Care Baby; Care of the Critically Ill Neonate; Specialist Neonatal Practice.

Teaching and assessment

You'll learn through lectures, blended learning, independent study and small-group work. Sessions are run by either clinical experts or our experienced lecturers. Assessment includes online and practical exams, written assignments and a poster presentation.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

+44 (0)114 222 2030
nursing-pgt-enquiries@sheffield.ac.uk



“Philosophy is challenging, it forces you to question your deep-seated beliefs and values. The great thing about philosophy is that it teaches you not what to think, but how to think.”

Briana Toole
 MA Philosophy

Philosophy

www.sheffield.ac.uk/philosophy
phi-pgadmissions@sheffield.ac.uk
 +44 (0)114 222 0587

Renowned academics and an exceptional range of options make Sheffield one of the best places in the world for this subject.

Course	Duration
MA Philosophy	1 yr FT / 2 yrs PT
MA Political Theory	1 yr FT / 2 yrs PT
MA Cognitive Studies	1 yr FT / 2 yrs PT

2nd for research output (UK)

REF 2014

We're the first in the UK to appoint a Professor of the Public Understanding of Philosophy.

You'll be part of a large group of students from all over the world, socialising together, sharing ideas and inspiring each other.

Where your masters can take you

A masters from Sheffield will set you apart. It's excellent preparation for a PhD at any leading university or for a wide range of careers, including teaching, law, publishing, civil service, charities, and NGOs, among others. Our postgraduate students have gone on to academic posts at Aberdeen, UC Berkeley, Birkbeck, Cambridge, Essex, Keele, Kent, Leeds, Liverpool, Manchester, Manitoba, Newcastle, Nottingham, the Open University, Oxford, Sheffield, Stirling and Zurich.

Our style of teaching encourages originality and independence of mind. You will learn how to express complex ideas clearly, and how to argue persuasively for those ideas. You'll also learn to understand other points of view. Our graduates have the confidence and the focus to tackle big projects, and they know how to carry out their own research.

We also offer more specific training. For example, many of the modules on the MA Political Theory are relevant to careers in politics, public service and NGOs.

A lively study environment

You'll be part of a large group of students from all over the world. You'll socialise together, share ideas and inspire each other.

The 2014 Research Excellence Framework (REF) ranks us 2nd in the UK for the quality of our published work. We have expertise in almost every area of the subject, particularly philosophy of language, philosophy of mind, metaphysics, philosophical logic, philosophy of psychology, history of philosophy, political philosophy, metaethics and feminist philosophy. The department is also home to The Hang Seng Centre for Cognitive Studies and a number of major research projects.

Scholarships

If you qualify, you may be able to get financial support through the University's scholarships and fee waivers.

www.sheffield.ac.uk/philosophy/prospectivepostgraduates/funding

English language requirements

MA Political Theory requirement: overall IELTS score of 6.5 with a minimum of 6.0 in each sub component.

MA Philosophy and MA Cognitive Studies requirement: overall IELTS score of 7.0 with a minimum of 6 in each sub component.

MA Philosophy

This general course explores key ideas in philosophy. You'll develop your philosophical knowledge and understanding to a higher level. Our MA is designed to prepare students who wish to continue to a PhD, as many do. We also welcome anyone who just wants to learn more about philosophy, even if your first degree is in another subject.

Entry requirements

You'll need a first-class or 2:1 honours degree. For equivalent grades for your country, visit www.sheffield.ac.uk/international

Core modules

Dissertation.

Other modules include

Research seminars in: Political Philosophy; Moral and Other Values; Mind and Language; Metaphysics and Epistemology; Cognitive Studies; and a range of lecture-based modules.

Teaching and assessment

You'll learn through lectures, seminars and tutorials. You'll write a long essay for each module and a dissertation. If you're going on to a PhD you may choose to write a PhD proposal.

MA Political Theory

This course is taught jointly by the departments of philosophy and politics. It's designed to help you develop advanced knowledge and understanding of political philosophy. The MA teaches you the research skills you need for a PhD in political theory or a related subject.

Entry requirements

To apply, you will need a first-class or a 2:1 honours degree from a UK university. For equivalent grades for your country, visit www.sheffield.ac.uk/international

A degree in philosophy, politics or a related subject is preferred, though we will consider applicants from a wide range of disciplines, particularly if they can demonstrate other experience relevant to the programme.

Core modules

Political Philosophy Research Seminar; Dissertation.

Other modules include

Moral and Other Values Research Seminar; Feminism; Global Justice; Philosophy of Law; The Political Philosophy of Climate Change; The Political Economy of Poverty and Inequality; Freedom; Capitalism and Crisis; Democratic Governance in the 21st Century.

Teaching and assessment

You'll learn through lectures, seminars and tutorials. You'll write a long essay for each module and a dissertation. If you're going on to a PhD you may choose to write a PhD proposal.

MA Cognitive Studies

An opportunity to explore this cutting-edge field, where philosophy, psychology, neuroscience, linguistics, computer science and anthropology come together to discover how the mind works.

You'll be based in the Department of Philosophy but free to take relevant modules in the departments of psychology, linguistics, human communication sciences, archaeology, music and computer science.

Entry requirements

You'll need a first-class or 2:1 honours degree. For equivalent grades for your country, visit www.sheffield.ac.uk/international

Core modules

Cognitive Studies Seminar; Dissertation.

Other modules include

Computational Neuroscience; Current Issues in Psychological Research; Evolutionary Primatology; Fundamentals of Cognitive Neuroscience; Hominid Palaeontology; Language and Linguistics; Mind and Language Research Seminar; Philosophy of Psychology.

Teaching and assessment

You'll learn through lectures, seminars and tutorials. You'll write a long essay for each module and a dissertation. If you're going on to a PhD you may choose to write a PhD proposal.



Professor Paul Faulkner

Research focus:
Testimony and trust.

Joined the department:
2001.

Recent publications:
What is Wrong With Lying?, Philosophy and Phenomenological Research, 2007, 75(3); The Moral Obligations of Trust, Philosophical Explorations online, first 2014; A Virtue Theory of Testimony, Proceedings of the Aristotelian Society, 2014, 114(2); Knowledge on Trust (OUP, 2011); (co-ed), The Philosophy of Trust (OUP, 2017).

"In what ways does believing what someone says introduce problems of trust? Is there anything wrong with lying? Do knowledge and belief differ in the way they get transmitted across persons? In what ways do we need to invoke communities in order to explain the ways in which knowledge is social?"

Apply
www.sheffield.ac.uk/masters

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 phi-pgadmissions@sheffield.ac.uk



Physics

www.sheffield.ac.uk/physics
 postgradphysics-enquiry@sheffield.ac.uk
 +44 (0)114 222 3789

These courses are based on the topics that Sheffield physicists are leading the way on – from developing state-of-the-art microscopy tools, powerful quantum technologies and renewable energy systems, to working on major international collaborations to detect dark matter and gravitational waves.

Course	Duration
MSc Biological Imaging	1 yr FT
MSc(Res) Particle Physics	1 yr FT
MSc(Res) Quantum Photonics and Nanomaterials	1 yr FT
MSc Solar Cell Technology	1 yr FT

You may also be interested in

MSc Mathematical and Theoretical Physics	Page 130
MSc Polymers for Advanced Technologies	Page 55

UK top 10 for research output
REF 2014

Research projects

All of our masters students complete a research project as part of their degree. You'll choose your own topic, and work closely with a member of academic staff who is an expert in the area you want to explore. The research project takes up around a third of your time on an MSc, or half of your time on a MSc(Res) course. You'll also take part in a research training programme that teaches you how to interpret and evaluate research papers, and how to communicate your own findings.

English language requirements

Overall IELTS score of 6.5 with 6 in each component

MSc Biological Imaging

This course focuses on the tools scientists can use to answer biological questions, from how cancer cells grow to how plant cells breathe. You can learn super-resolution and atomic force microscopy techniques from specialists in the University of Sheffield's Biophysical Imaging Centre and Light Microscopy Facility, and electron microscopy techniques from the scientists running our new £2 million Arctica microscope.

At the start of the course, each week is devoted to a different technique. You'll learn the theory by attending lectures and studying key scientific papers, then get practical training on how to use our specialist equipment to capture detailed images of biological systems. You will learn how to analyse and write up the data you have produced, often by learning to use code to programme your own analysis tools.

Modules

Imaging Life; Imaging Across the Disciplines; Theory and Practical Application of Imaging; Image Analysis; Imaging Project.

Your career

We have close links with lots of companies in the microscopy industry, such as Nikon Instruments, Zeiss and Hamamatsu, who we've collaborated with on projects, and that we've sourced state-of-the-art equipment from. Our industry partners will support your learning by giving guest lectures, designing research projects and providing insights into possible jobs after graduation. The course is also great preparation for a PhD.

Entry requirements

We usually ask for a 2:1 degree, or equivalent, in physics or biology.

MSc(Res) Particle Physics

This course covers the complex theories and experimental techniques that particle physicists use to explain the nature of the universe. It will develop your understanding of the Standard Model by going into even greater depth on topics you might have covered in your undergraduate degree, such as quantum mechanics, electrodynamics and dark matter.

You'll learn about the methods particle physicists use to study the universe, the experiments that led to the discoveries of neutrons, positrons and neutrinos, and the experimental evidence for quarks and gluons. You can examine the possible explanations for dark matter with scientists who are leading searches for it, and take modules led by researchers who were involved in the Higgs boson and gravitational wave discoveries. You might also be able to do your research project at a facility where our scientists work off campus, such as CERN.

Compulsory modules

Advanced Electrodynamics; Dark Matter and the Universe; Further Quantum Mechanics; The Development of Particle Physics; Physics Research Skills; Research Project in Physics.

Optional modules

Advanced Particle Physics; Advanced Quantum Mechanics; An Introduction to General Relativity; Particle Astrophysics; Physics in an Enterprise Culture; Semiconductor Physics and Technology; Statistical Physics.

Your career

The advanced topics covered and the extensive research training make this course great preparation for a PhD. Physics graduates also develop numerical, problem solving and data analysis skills that are useful in many careers, including computer programming, software engineering, data science, and research and development into new products and services.

Entry requirements

We usually ask for a first-class degree, or equivalent, in physics.

MSc(Res) Quantum Photonics and Nanomaterials

This course teaches you about aspects of quantum physics that are paving the way for quantum technologies. You will study the fundamental properties of light and matter, and how they interact with each other. This includes learning how semiconductor devices, ranging from nanophotonic circuits, and micro- and nano-sources of quantum light, to photovoltaic solar cells.

By formulating complex equations that describe the theory, and seeing how it's put into practice with experiments in the lab, you'll develop expertise that can be applied to some of the biggest challenges in science and technology, from new semiconductor nanostructures and 2D materials to building an optical quantum computer. You'll learn how your specialist knowledge can be applied in the computing, electronics and telecommunications industries.

Compulsory modules

Advanced Electrodynamics; Optical Properties of Solids; Semiconductor Physics and Technology; Solid State Physics; Physics Research Skills; Research Project in Physics.

Optional modules

Advanced Quantum Mechanics; Biological Physics; Further Quantum Mechanics; Magnetic Resonance: Principles and Applications; Physics in an Enterprise Culture; Statistical Physics; The Physics of Soft Condensed Matter.

Your career

The advanced topics covered and the extensive research training make this course great preparation for a PhD. Alternatively, the specialist expertise you'll gain can be applied in the computing, electronics and telecommunications industries – from manufacturing new devices with advanced materials, to improving computer processing and data security systems. You can also develop numerical, problem solving and data analysis skills that are useful in many careers, from software engineering to finance.

Entry requirements

We usually ask for a first-class degree, or equivalent, in physics.

MSc Solar Cell Technology

This course is designed to train physical science and engineering graduates to develop new photovoltaic devices and test their effectiveness as a global energy resource. The course is based on more than 20 years of solar research at the University of Sheffield, and spans fundamental materials science and real-world PV system development.

Laboratory training in materials science will teach you how to characterise and test solar cell materials, leading to the fabrication and measurement of photovoltaic devices. You will learn how to analyse and assess the performance of photovoltaic systems by working with the team behind Sheffield Solar – they run the UK's largest PV database and our rooftop solar testbed facility. There's also dedicated business and enterprise training.

Modules

Introduction to Photovoltaics; Photovoltaic Systems; Solar Cell Laboratory; Innovation in Solar Energy; Low Carbon Energy, Science and Technology; Physics Research Skills; Dissertation Project.

Your career

We have close links with organisations in the solar industry who we've collaborated with on projects and who have employed our graduates. These range from companies making solar cell materials to the National Grid. Our industry partners will support your learning by giving guest lectures, designing research projects and providing insights into possible jobs after graduation. The course is also great preparation for a PhD.

Entry requirements

We usually ask for a 2:1 degree, or equivalent, in physics, materials science, physical chemistry, electrical engineering or a related subject.

Apply

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If you'd like to know more about any aspect of our courses, contact us:

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"It's one of the leading departments for research and it's also a very happy place. You'll love the experience of studying here."

Winfred Syombua
 Student in the Department of Politics

Politics

www.sheffield.ac.uk/politics
politics-admissions@sheffield.ac.uk
 +44 (0)114 222 1641

Our courses reflect the Department of Politics' world-leading expertise in international relations, global political economy, governance and public policy, and political theory.

Course	Duration
MA Politics, Governance and Public Policy	1 yr FT / 2 yrs PT
MA International Relations	1 yr FT / 2 yrs PT
MA International Relations and East Asia	1 yr FT / 2 yrs PT
MA Global Political Economy	1 yr FT / 2 yrs PT
MA Political Theory	1 yr FT / 2 yrs PT

We've been ranked in the top three in every official UK research assessment since 2001.

We are one of the top-ranked departments for the study of politics worldwide.

On your degree, you will think deeply about the most pressing political challenges and controversies. You will understand the interconnectedness of the global world and the importance of culture and identity. You will develop fresh perspectives on the dynamics of power that underpin political interactions between state and society.

You will be part of a dynamic and vibrant scholarly community, working with leading academic experts and with fellow students from across the world who share your commitment to your subject.

Global learning opportunities

Global Learning Opportunities in the Social Sciences (GLOSS) gives students from the faculty the chance to engage with international policy makers and work in the field of international development.
www.sheffield.ac.uk/gloss/about

Entry requirements

We're looking for outstanding and enthusiastic students for our courses. You can apply to us with a good degree (first-class or 2:1 honours) in a relevant social science, arts and humanities, or related subject.

English language requirements

All of our courses require an overall IELTS score of 6.5 with a minimum of 6.0 in each component.



MA Politics, Governance and Public Policy

This course explores the complexity of contemporary governance and its effects on the policymaking process. You will examine the different actors involved in policymaking across a range of regional, national and international settings, and will identify the powers available to such actors to influence policy. You will also acquire a detailed understanding of the wider political, economic and social considerations that shape the policy process.

MA International Relations

On this exciting course, you will engage with a range of theoretical perspectives to make sense of emergent and rapidly evolving international political challenges, and will explore normative arguments about the way that international relations ought to work. The course encompasses topics such as international relations and security studies, alongside critical approaches such as non-western IR and feminist perspectives on international relations.

MA International Relations and East Asia

This course explores key issues within international relations and global politics with a particular focus on the East Asia region. You will learn about the major structures and ideas shaping international politics in East Asia such as changing power dynamics and regional identity. You'll benefit from being taught by leading experts from both the Department of Politics and School of East Asian Studies.

MA Global Political Economy

Contemporary capitalism is fraught by growing inequalities, environmental degradation, and technological change. These challenges are not the result of economic laws of motion, but rather of human activity. Only by viewing the economy through a political lens we can start to understand and tackle them. On this degree you will engage in fresh thinking and cutting edge research on how contemporary economies work – and how to achieve more equal and sustainable societies.

MA Political Theory

This course is designed for students with an interest in contemporary political philosophy, and includes topics such as rights, global justice, war, and democracy. It also reflects on the relevance of the thoughts of key figures in the history of political ideas, such as Plato, Rousseau, Kant, Hegel, Marx and Rawls. It is taught jointly with the Department of Philosophy, and gives you the chance to reflect on the big questions in political life.

Apply

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If you'd like to know more about any aspect of our courses, contact us:

Katie Hunter

+44 (0)114 222 1641

politics-admissions@sheffield.ac.uk



Dr Alasdair Cochrane

“Our masters courses are so exciting because you’ll have the opportunity to develop a genuine specialism in your area of study. As researchers it’s a real pleasure to share your latest work—in my case, on the political theory of animal rights—with students who are eager to learn and challenge!”



“The MSc was fantastic in giving me skills that would help me become a researcher. I learnt advanced statistics and research methods, gained experience running systematic literature reviews, and even got practice writing grant applications.”

Dr Emma Blakey
MSc Psychological Research Methods

Psychology

www.sheffield.ac.uk/psychology
 psy-pg-admissions@sheffield.ac.uk
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Course	
MSc Cognitive and Computational Neuroscience	1 yr FT
MSc Cognitive Neuroscience and Human Neuroimaging	1 yr FT
MSc Systems Neuroscience	1 yr FT
MSc Psychological Research Methods	1 yr FT / 2 yrs PT
MSc Psychological Research Methods and Advanced Statistics	1 yr FT / 2 yrs PT
MSc Psychological Research Methods with Data Science	1 yr FT / 2 yrs PT

You may also be interested in	
Doctor of Educational and Child Psychology	Page 76
MSc Occupational Psychology	Page 121
MSc Work Psychology	Page 121
MSc Science Communication	Page 160
MSc Translational Neuroscience	Page 139
MSc Clinical Neurology	Page 135
MA Cognitive Studies	Page 152

100% of psychology MSc graduates in graduate-level employment or further study 6 months after graduation.

Destination of Leavers from Higher Education, 2017

Working closely with specialist scientists, you’ll develop the skills to investigate and understand human behaviour.

We offer a range of masters courses across Cognitive Neuroscience and Psychological Research Methods.

Masters courses in cognitive neuroscience

At Sheffield, we have a strong research track-record in computational neuroscience, cognitive neuroscience, and systems neuroscience. By giving you access to experts in the field as well as world-class research facilities, from neurobotics platforms to neuroimaging equipment, we’re training the next generation of brain scientists to tackle the relationship between brain and behaviour.

Our courses are structured from the same broad set of modules, allowing you to discover and focus on the area of cognitive neuroscience that you're most interested in.

No matter which course you choose, your training will begin by introducing you to the core aspects of contemporary neuroscience, from sensation and sensory processing to understanding complex brain functions.

As part of your course you'll spend three months completing an extended Research Project in Cognitive Neuroscience.

You'll work with our world-leading experts on a topic that could range from theoretical, to basic hands-on neuroscience, collecting and analysing real-life cognitive brain science data using state-of-the-art equipment such as functional MRI, transcranial magnetic simulation and neurophysiological recording before presenting your findings at our summer student-led conference.

The depth that you explore topics in cognition, neuroimaging, computational modelling, and practical brain dissection, depends on which programme you choose:

MSc Cognitive and Computational Neuroscience

Train in computer simulation and mathematical modelling techniques, as well as experimental cognitive psychology and brain imaging, and develop an understanding of the biological foundations of natural and artificial intelligence.

Core modules

Fundamentals of Neuroscience; Computational Neuroscience; Mathematical Modelling and Research Skills; Systems Neuroscience; Computational Neuroscience 2; Research Project in Cognitive Neuroscience.

Students will also study two modules in either pathway 1 or pathway 2:

Pathway 1:

Fundamentals of Cognition and Modelling Natural Systems.

Pathway 2:

Neuroimaging 1 and Neuroimaging 2.

MSc Cognitive Neuroscience and Human Neuroimaging

Understand the relationships between cognitive function and the underlying neural substrate in healthy and unhealthy brains and develop your skills and knowledge in neuroimaging, neurophysiological data collection and analysis techniques, and practical neuroanatomy.

Core modules

Fundamentals of Cognition; Fundamentals of Neuroscience; Neuroimaging 1; Neuroimaging 2; Data Analysis and Visualisation; Research Project in Cognitive Neuroscience.

Students will also study two modules in either Pathway 1 or Pathway 2:

Pathway 1:

Applied Neuroanatomy and Clinical Neuroscience, and Systems Neuroscience

Pathway 2:

Computational Neuroscience 1 and Computational Neuroscience 2.

MSc Systems Neuroscience

Explore the interactions between neural structures, within neuronal networks and between brain areas, that lead to sensorimotor control and information processing, to understand how brain cells communicate and transform information to control the body.

Core modules

Fundamentals of Neuroscience; Computational Neuroscience 1; Applied Neuroanatomy and Clinical Neuroscience; Systems Neuroscience; Data Analysis and Visualization; Research Project in Cognitive Neuroscience.

Students will also study two modules in either Pathway 1 or Pathway 2:

Pathway 1:

Neuroimaging 1 and Neuroimaging 2

Pathway 2:

Fundamentals of Cognition and Computational Neuroscience 2

Teaching and assessment

You'll learn through hands-on laboratory sessions, problem-solving classes, lectures, seminars and individual projects. You'll be assessed through formal examinations and coursework which may include essays, poster presentations and a dissertation.

Careers

With the valuable skills and knowledge that you'll develop throughout your research training, including computational modelling, imaging, and analysis expertise, you'll be well equipped for careers including:

- Imaging, or image analysis in hospitals or the biomedical industry.
- Roles that involve the development of artificial intelligence and machine learning (including deep learning).
- Pursuing a career in research, understanding major diseases like stroke, dementia and epilepsy within academia or governmental organisations.

If you choose to continue your research training, these courses are great preparation for a PhD or clinical training.

Entry requirements

A 2:1 honours degree, or equivalent, in a life science or mathematical/physical science.

We accept medical students who wish to intercalate their studies.

English language requirements

All of our courses require an overall IELTS score of 6.5 with 6.0 in each component.

Masters courses in psychological research methods

MSc Psychological Research Methods

Learn the latest techniques in cutting-edge psychology research from the psychologists who are using them in their published studies – including clinical trial design, and specialist methods for working with infants, children and clinical populations.

Throughout your course you'll gain an understanding of ethical issues in research, learn how to write a grant proposal, receive training in multivariate statistics, and develop your presentation skills to take part in our annual student-led summer conference.

You'll put your new research methods knowledge into practice while addressing an issue at the cutting edge of psychology during your research project, tailored to your career goals across clinical, cognitive, developmental or social psychology.

Careers

This course is great preparation for a PhD or the next step towards clinical training. Graduates also go on to pursue roles within public health organisations, charities or in academia as Assistant Psychologists, Mental Health Support Workers or researchers.

Modules

Current Issues in Psychological Research; Research Methods in Psychology; Professional Skills for Psychologists; Intermediate Multivariate Statistics for Psychology; Systematically Reviewing Psychological Research; Research Project.

MSc Psychological Research Methods with Advanced Statistics

Develop the statistical methods and specialist software skills that's needed to handle and interpret large datasets about human behaviour, led by a professional statistician.

Your statistical training will teach you the latest advanced techniques including confirmatory factor analysis and structural equation modelling (using Mplus software), multilevel modelling and generalised linear models. During your psychological research methods training, you'll learn a broad range of research techniques from behavioural genetics, diary study methodologies, neuroimaging and qualitative interviews, before bringing it all together during your Research Project with Advanced Statistics.

Careers

Previous graduates have gone on to PhD training with an advanced quantitative dimension in neuroimaging, health psychology and social psychology. Others have found employment in the higher education, health or charity sectors roles such as graduate statistical analysts, programme analysts, research assistants and psychology researchers.

Modules

Intermediate Multivariate Statistics for Psychology; Advanced Statistical Methods for Psychologists; Research Methods in Psychology; Professional Skills for Psychologists; Systematically Reviewing Psychological Research; Research Project with Advanced Statistics.

MSc Psychological Research Methods with Data Science

Bringing together practical training in the latest research techniques with computational data analysis classes, this course has been developed to enable psychology students to make the transition to becoming data scientists.

You'll receive training in a wide variety of psychological research methods, advanced statistical methods, and data science, developing expertise in processing and transforming large scientific datasets using programming languages such as Python and R as well as learning how to use and interpret the output from specialist statistical software.

Alongside your training in data science, you'll learn the latest techniques in cutting-edge psychology research, as well as professional skills training in research ethics and presenting to an academic audience, before completing an extended research project, applying data science techniques to problems in a specialist area that may span clinical, cognitive, developmental or social psychology.

Careers

Graduates will be well prepared to pursue a career conducting 'big data' research, or building high-tech services in industry or academia. The course is good preparation or a PhD.

Modules

Data Analysis and Visualisation; Intermediate Multivariate Statistics for Psychology; Advanced Statistical Methods for Psychologists; Research Methods in

Psychology; Current Issues in Psychological Research; Systematically Reviewing Psychological Research; Research Project in Psychology with Data Science.

Entry requirements

A 2:1 honours degree, or equivalent, in psychology or a related discipline. Evidence of undergraduate training in statistics for psychology is also required.

English language requirements

All of our courses require an overall IELTS score of 6.5 with 6.0 in each component.

Applying psychology in the real world

Our ongoing collaborative projects with hospitals, mental health care units, the police and prison service, and several leading firms in business and industry will show you how psychology can be applied in the real world.

You'll also benefit from our research excellence. We don't just focus on one or two specialisms – we have active researchers in most areas of psychology.

Our facilities

Whatever your particular interest, we have the facilities for your research. Our research environment was rated amongst the best in the country in the last national assessment. We are exceptionally well-resourced for research in social and health psychology, clinical psychology and developmental psychology, with a dedicated suite of rooms for different participant groups.

To give you the right tools for your research, there is a fully equipped neuroscience unit with excellent facilities for brain imaging, neuroanatomy, electrophysiology, behavioural neuroscience and computational neuroscience. We have access to a small-bore MRI device and to the University's MRI facility for human studies.

Apply

www.sheffield.ac.uk/psychology/prospectivepg/masters

If you'd like to know more about any aspect of our courses, contact us:

+44 (0)114 222 6534
psy-pg-admissions@sheffield.ac.uk



Dr Danielle Matthews

Teaches on:
MSc Psychological Research Methods.

“From my masters thesis onwards, I've researched how children under five learn to talk. This took on a new significance when my son was born. I became aware of how little evidence-based advice there is for promoting language development. I'm now interested in contributing to this advice by focusing on the fundamentals of human language and human learning.”



“What I like most about my course is the opportunity to be creative without limitations. It is the chance to tell people more about science through newspapers, magazines, radio and TV shows, workshops or exhibitions.”

Marija Popova
MSc Science Communication



Science Communication

🌐 www.sheffield.ac.uk/sciencecommunication
 ✉ aps.pgadmissions@sheffield.ac.uk
 📞 +44 (0)114 222 4774

Learn how to communicate science to the public – from world-leading experts. You'll explore the use of different platforms and methods, to find your voice within the science communication world.

Course	Duration
MSc Science Communication	1 yr FT / 2 yrs PT

Our students put on their own science festival, sharing scientific research with the public.

Your career

The MSc puts you in an enviable position. Employers in science and technology, the medical and pharmaceutical industries, cultural industries, the science policy sector, education and the media will see your potential.

Our graduates get great jobs across science, technology and the media. They put their knowledge and passion for science to good use every day working in press offices, newsrooms, research institutes and other scientific bodies.

If you decide on a research career in science, your masters will enable you to communicate your own research effectively.

About us

This course is taught by experts from the faculties of science and social sciences, giving you access to world-leading scientists and media practitioners in the field of science communication and journalism. Modules are led by staff working at the forefront of marketing and public engagement, offering

an authentic perspective on the interface between research and wider communication.

Our combined experience covers science communication via newspapers and magazines, art, theatre and dance, radio and television, websites and social networks as well as writing articles and books.

Facilities

You'll be based in the Science Communication Workroom on the main University campus. You'll also have access to the Department of Journalism Studies where you'll be using the latest equipment for print, web and broadcast journalism.

Our print facilities include networked computers with Adobe Creative Suite, including Photoshop, Illustrator and InDesign. For broadcasting we have access to radio and TV studios, digital TV editing suites and a multitude of different video and still cameras. We also have multimedia and web-authoring software including Dreamweaver and Adobe Premiere.

MSc Science Communication

The course helps you develop the skills to communicate science effectively to a general audience. We'll teach you about the latest topics in science and how to communicate these to the media and beyond. A major part of your studies will be writing for the media. In our newsroom, you'll learn the principles of clear, compelling and concise storytelling. You'll also work on a group project to plan, organise and deliver your own science event.

Entry requirements

You'll need a 2:1 or equivalent in biology, chemistry, physics, psychology, mathematics, engineering or other science-related subject. For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.5 in each component, or equivalent.

Core modules

Developing Communication Skills; Dealing with Data; Project Dissertation; Research Methods; Ethics and Regulation; Topical Science; Communicating with the Media; Public Engagement.

Teaching and assessment

Research in science and journalism informs our teaching. There are lectures, tutorials and seminars. You'll also do project work, attend masterclasses and go on placements. You're assessed on coursework, essays, a portfolio, practical exercises and a dissertation.

Apply

www.sheffield.ac.uk/aps/science-communication

If you'd like to know more about any aspect of the course, contact us:

📞 +44 (0)114 222 4774
 ✉ aps.pgadmissions@sheffield.ac.uk



Dr Millie Mockford
Programme Lead

“I have a research background in behavioural ecology – how birds adapt their song in urban environments. The unexpected limelight that this brought me on TV, radio and in the written press, forced me to adapt my approach to presenting my science. It brought home how important it is to train early career scientists in clear and captivating communication. I have spent several years embedding communication and enterprise skills into the animal and plant sciences curriculum and my focus on the MSc Science Communication is to cut across subject and faculty boundaries to bring together technical, enterprise, and narrative skills.”



Social Research

www.sheffield.ac.uk/smi/social-research
SMI-admissions@sheffield.ac.uk

Our MA Social Research has been designed to meet ESRC guidelines for the development of highly skilled researchers in the social sciences.

Course	Duration
MA Social Research	1 yr FT / 2 yrs PT

MA Social Research

This course will help you to become proficient in theoretical concepts in social research and will provide you with the practical skills to undertake higher level research across the full range of social sciences.

You'll develop highly sought-after qualitative and quantitative research skills through our hands-on teaching methods. You can tailor the course to your interests by selecting from a wide range of modules – from all the departments in social sciences – that will expose you to the latest debates within your field of research.

The programme has been specifically developed to meet the ESRC postgraduate training and development guidelines. Students completing the MA Social Research can advance to PhD-level study within their chosen field in the social sciences, or find employment within roles that require high-level research skills.

Entry requirements

Minimum 2:1 honours degree, or international equivalent, normally in a discipline related to your intended specialism.

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.0 in each component, or equivalent.

Core modules

Principles of Research Design; Introduction to Quantitative Research; Introduction to Qualitative Research; Working Beyond Disciplines; Research Ethics and Integrity; Independent Research Project or Independent Research Proposal.

Optional modules

Either: Advanced Quantitative Methods or Advanced Qualitative Methods plus 30 credits from within the subject area of your intended PhD research topic or research specialisation.

Teaching and assessment

Lectures, seminars, computer workshops, independent study, individual tutorials, group work, essays, project reports, portfolios, oral presentation, independent research project.

Global learning opportunities

Global Learning Opportunities in the Social Sciences (GLOSS) gives students from the faculty the chance to engage with international policy makers and work in the field of international development.

www.sheffield.ac.uk/gloss/about

Apply

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If you'd like to know more about any aspect of our courses, contact us:

SMI-admissions@sheffield.ac.uk



Dr Mark Taylor
SMI Director of MA in Social Research

“By introducing students to interdisciplinary research practice and the research challenges within their specific academic subject, the MA Social Research provides the strongest possible foundation for PhD study or a career in research across the full range of social science disciplines.”

“The course has enabled me to learn practical skills and think critically. I’ve learned to use different tools for data scraping, data mining, data visualisations and to conduct research using qualitative and quantitative methods. I then analyse the results from a social and cultural perspective. I am going back to China after the course ends. My plan is to find a job that is related to the media so I can use the skills I have gained.”

Yuqian Chen
MA Digital Media and Society

Sociological Studies

www.sheffield.ac.uk/socstudies
✉ sociologicalstudies-admissions@sheffield.ac.uk
☎ +44 (0)114 222 6402

You aim to understand the human world, where you fit into it and how you can help other people. As one of the UK’s top ten research departments in our field, we can help you to achieve your goals.

Course	Duration
MA Digital Media and Society	1 yr FT / 2 yrs PT
MA Sociology	1 yr FT / 2 yrs PT
MA Social Work	2 yrs FT
MA Advanced Professional Practice	3 yrs PT
MSc International Social Change and Policy	1 yr FT / 2 yrs PT

One of the UK’s top ten research centres for social work and policy
REF 2014

Where your masters can take you

Our recent graduates have forged careers in public sector roles, such as welfare and local government. They also go on to work in the private sector, in management or research.

How we teach

Our teaching is rigorous and research-led. We encourage you to think critically, to learn research techniques and develop transferable skills. We also help you to develop the personal attributes that will make you highly employable. The department is a friendly place, where staff and postgraduates work together as colleagues.

Our interdisciplinary approach brings sociologists, social policy analysts and social workers together under one roof. We have also recently developed our offering to include research-led teaching on digital society.

Global learning opportunities

Global Learning Opportunities in the Social Sciences (GLOSS) gives students from the faculty the chance to engage with international policy makers and work in the field of international development.

www.sheffield.ac.uk/gloss/about

MA Sociology

This course offers the opportunity to immerse yourself in established and emergent ideas as well debates around the most pressing sociological challenges in the social world.

Entry requirements

2:1 honours degree, or equivalent, in a relevant social science discipline, such as sociology, social policy, politics, anthropology, international relations, or development studies.

For equivalent grades for your country, visit: www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with no less than 6.0 in each component, or equivalent

Course content

The course is driven by the research of academics on the masters team, with a mix of core and optional modules designed exclusively for masters students. In your core modules, you will cover topics including advanced sociological thinking, engaging current sociology, and advanced qualitative and quantitative methods.

You can also explore areas of sociological research that interest you through a range of optional modules. These are likely to include the sociologies of digital worlds; intimacies and everyday life; social division and interaction; and advanced qualitative or quantitative methods.

Teaching and assessment

Teaching is conducted through a combination of lectures, tutorials, seminars, and small-group work. Emphasis is placed on the individual aspects of learning.

MA Digital Media and Society

This course offers you a unique opportunity to develop a broad understanding of the interweaving of digital media and society from a sociological perspective.

Entry requirements

The minimum entry requirement is a 2:1 honours degree, or equivalent, in a relevant discipline.

For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Course content

Drawing upon staff expertise in digital media and digital society, this programme will give you a grounding in aspects of digital media, allowing you to specialise in a specific area, or develop your understanding of the following: researching digital society, digital practices, and digital methods.

As a student within the Faculty of Social Sciences, you will also benefit from the research and training activities of both the Sheffield Methods Institute and the faculty-wide Digital Society Network. The latter brings together interdisciplinary researchers engaged in research at the cutting-edge of society–technology interactions.

Core modules

These include: Social Media, Data and Society; Perspectives on Digital Society, Digital Methods, Researching Society.

Examples of optional modules

These can include: Advanced Social Media Research; Information, Governance and Ethics; Media, State and Society in China; The Sociology of Surveillance.

Teaching and assessment

Assessment varies across modules and will include a combination of coursework (essays, portfolio and practical work). Formal examination may be required for some optional modules. Students are also expected to complete a dissertation-length project equivalent to 15,000 words in length.

MA Social Work

This degree makes you eligible to apply for HCPC registration as a qualified social worker in the UK. The academic side of the course is rigorous and challenging. You’ll develop a clear understanding of the theory. Through work placements, you’ll become a confident, skilled practitioner.

We’re working in collaboration with the four local authorities in South Yorkshire to lead the way for social work education. This means that you’ll benefit from a social work curriculum that is enhanced by increased collaboration with placement providers and employment agencies.

Entry requirements

A 2:1 honours degree. We can accept a 2:2 if you have a lot of relevant work experience, which can include voluntary work.

For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 7.0 with a minimum of 6.5 in each component, or equivalent.

Studentships

NHS bursaries may be available for this course. For details visit www.nhsbsa.nhs.uk/students

Course content

Taught modules can include: Readiness for Practice Placement; Law and Policy for Social Work; Social Work Practice – Context; Value and Skills; Human Growth and Development Through the Life Course for Social Workers; Safeguarding in Social Work Practice; Skills for Social Work Practice; Social Work Professional Development. You’ll go on two placements with local agencies, each one lasting 100 days.

Teaching and assessment

You’ll learn through lectures, small-group work, individual and group projects, supervised dissertation. You will be assessed on essays, group project work, peer assessment, group and individual presentations, examination and dissertation.

Apply

Online through the Universities and Colleges Admissions Service (UCAS): www.ucas.ac.uk

MA Advanced Professional Practice

The MA Advanced Professional Practice (MAAPP) has been developed in consultation with local authorities as part of the South Yorkshire Teaching Partnership, to support social work professionals to continue to develop their knowledge and skills as professionally capable, reflective and analytical practitioners.

The course supports professional practice under four strands:

- Leadership and management
- Practice
- Practice educator
- Research

Each module developed for the programme has been mapped against the government's reform agenda for social work education, and is compliant with capabilities listed in the Knowledge and Skills Statement (KSS) for Social Workers.

Entry requirements

For graduates, the requirement is that you must have a professional qualification and have graduated from a recognised university.

We also welcome non-graduates who have a professional qualification and can provide evidence that they can study at postgraduate level.

The course is not just limited to practitioners working within the South Yorkshire Teaching Partnership. Practitioners from all local authorities are welcome to apply.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Course content

Topics covered include: Parenting Capacity; Out of Home Care; Interventions to Promote Change; Child Development and Communication with the Child; Introduction to Leadership and Mentoring; Developing Professional Practice and Safeguarding.

Teaching and assessment

Teaching is conducted through a combination of lectures, tutorials, seminars, small-group work and problem-solving.

MSc International Social Change and Policy

This innovative course will develop your awareness of the most pressing challenges posed by social change. It will enable you to critically examine dominant policy responses to key aspects of social change at national, cross-national, comparative and global levels, and make you aware of agendas on policy alternatives and futures.

Entry requirements

The minimum entry requirement is a 2:1 honours degree, or equivalent, in a relevant or social science discipline, such as sociology, social policy, politics, international relations, or development studies.

For equivalent grades for your country, visit www.sheffield.ac.uk/international

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Course content

The course team is composed of social policy, sociology and social work academics, leading to a deeper understanding of the causes of, and solutions to, global and international social problems.

Throughout the course, there is a strong emphasis on developing the practical skills required by social policy analysts working internationally.

Teaching and assessment

Assessment can vary across modules between a combination of essays, oral presentations, posters and portfolio work. You are assessed in a variety of ways in order to test a range of knowledge, skills and capabilities through modes of assessment appropriate to the specific subject. There is also a dissertation, which provides the opportunity to focus on a topic of your choice. You can choose to do a standard dissertation or a dissertation linked to an internship.



Professor Helen Kennedy
Professor of Digital Society

"I've been studying and making digital media since they came along in the mid-1990s. I love using and engaging with digital media, from apps and social media platforms to data visualisations, but their place in society is not straightforward. They can be a force for the good, or not. They're shaped by the world from which they emerge, and this isn't always a good thing. I'm passionate about understanding this relationship between digital media, society and everyday life, and about sharing that learning journey with my students."

Apply

For all courses except the MA Social Work, apply online at www.sheffield.ac.uk/masters
For the MA Social Work, apply via UCAS www.ucas.ac.uk

If you'd like to know more about any aspect of our courses, contact us:

+44 (0)114 222 6402
sociologicalstudies-admissions@sheffield.ac.uk



"I chose to study at Sheffield because of its good international rankings and the scholarship I was awarded. After completing my MA I would like to stay in the UK to acquire professional experience and then return to work in my home country. Urban studies is all about social research, I see myself working with communities to improve the physical and social conditions of urban areas."

Ana Maria Monsalve Sanchez
MA Urban Design and Planning

Urban Studies and Planning

www.sheffield.ac.uk/usp
usp-admissions@sheffield.ac.uk
+44 (0)114 222 6900

Planning and investing in the spaces where we live and work has never been so important. An accredited MSc from one of the UK's top planning schools can help you make a positive impact.

Course	Duration
MSc Urban and Regional Planning	1 yr FT
MSc Cities and Global Development	1 yr FT
MSc Real Estate	1 yr FT
MSc Real Estate Planning and Development	1 yr FT
MA Urban Design and Planning	1 yr FT
MSc Applied GIS	1 yr FT

The UK's top RTPI-accredited planning school
REF 2014

Our masters can prepare you for a rewarding career in planning, real estate, development and/or GIS.

Where your masters can take you

Our graduates work in planning, real estate and related professions with private sector planning and real estate consultants, local authorities, policy analysts and international development and design agencies.

How we rate

The latest Research Excellence Framework (REF 2014) says we're the best RTPI-accredited planning school in the UK. Eighty-five per cent of our research is classed as 'world-leading' and 'internationally excellent' with 'outstanding impacts'.

How we teach

Nothing is more important to us than your career. We work closely with industry to make sure our courses are up-to-the-minute and relevant so you'll learn the skills you need to make it to the top in your chosen profession.

Our dedicated Placements and Employability Manager will focus on enhancing your employability and will manage and develop a work placement for you.

You'll go on site visits and and take part in exercises that simulate real global challenges. Past field trips have included trips to London, Seoul, Cairo and Chennai.

There are lectures, seminars, computer workshops and tutorials. You're assessed on your coursework and a dissertation.

Global learning opportunities

Global Learning Opportunities in the Social Sciences (GLOSS) gives students from the faculty the chance to engage with international policy makers and work in the field of international development. www.sheffield.ac.uk/gloss/about



“I found the MSc to be a greater challenge than my undergraduate degree, yet this made it all the more worthwhile. The course was very vocational and I have acquired many skills directly applicable to a career in my chosen field.”

Mark Ibbotson
MSc Real Estate graduate

Entry requirements

For UK students, the usual entry requirement is a 2:1 degree or evidence of equivalent achievement (for example, a professional qualification combined with work experience). We will consider your application if you have a 2.2 degree but we would expect you to have evidence of work experience or other relevant activity.

For equivalent grades for your country, visit www.sheffield.ac.uk/international

MSc Urban and Regional Planning

Accredited by the Royal Town Planning Institute (RTPI)

Our one-year (12 months) masters will help you get started in the planning profession. The course examines the factors that shape cities and rural areas. We'll show you how research is used in policy-making and evaluation. You'll develop research and design skills, and specialise in an aspect of planning.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Autumn semester

Core modules: Perspectives on Spatial Planning and Development; Values in Planning; Research Methods; Spatial Planning Systems or Urban Development in the Global South.

Spring semester

Core module: Integrated Project or Urban Design in the Global South and International Field Class.

Examples of optional modules

Cities of the South: Planning for Informality; Planning Law; Issues in Housing; GIS for built Environment Professionals; Advanced Software Skills for Urban Design.

Study in Europe

You have the option to spend the spring semester at one of our European partner universities.

MSc Cities and Global Development

Accredited by the Royal Town Planning Institute (RTPI)

The largest and fastest-growing cities in the world are in low and middle-income countries in Asia, Africa and Latin America. This course explores the urban development and planning challenges faced by governments and people in these regions and provides you with the analytical and practical tools to address them.

The course uses cutting-edge theories in both urban and development studies to engage with changes in the global south, including: the globalisation of production and consumption, rapid urbanisation, environmental change, and the spread of new forms of governance.

Optional modules include a team-based student consultancy project for an external client in the field of international urban development. There's also a field class in the global south. In 2018, students visited Chennai in India.

The course is suitable for recent graduates and those with professional experience. It's excellent preparation for careers (or further research) in international development, urban governance, planning and environmental policy focused on the global south.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Autumn semester

Core modules: Theorising the City in the Global South; Urban Development in the Global South; Ideas and Practice in International Development; Research Methods.

Spring semester

Core modules: Urban Design in the Global South; International Field Class.

Examples of optional modules

International Urban Development Consultancy Project; Sustainable Development: A Critical Perspective; Managing Cities: The Seoul Case Study; Public Participation; Governance and Participation in the Global South.

MSc Real Estate

Accredited by the Royal Institution of Chartered Surveyors (RICS)

This course is designed to prepare you for a demanding and rewarding career in real estate, in either the private or the public sector. It provides graduate-level entry into the Royal Institution of Chartered Surveyors.

You'll develop knowledge and understanding of real estate and its role in the wider economy. Your study will give you the analytical skills necessary for successful property investment, development and management. You'll also learn research skills and find out how research applies to real estate and real estate markets.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Autumn semester

Core modules: Applied Real Estate Valuation; Real Estate Economics; Investment Finance and Funding; Research Methods.

Spring semester

Core module: Integrated Project specialising in Investment Valuation and Law of Business Leases.

Examples of optional modules

Real Estate Development; Sustainable Development: A Critical Investigation; Planning Law; Issues in Housing; International Real Estate Market Analysis.



MSc Real Estate Planning and Development

Accredited by the Royal Institution of Chartered Surveyors (RICS)

This course is designed to prepare you for a career in real estate. Focusing on the challenges of new developments, it will enhance your understanding of real estate and its role in the wider economy. The course provides graduate-level entry into the Royal Institution of Chartered Surveyors.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Autumn semester

Core modules: Spatial Planning Systems; Applied Real Estate Valuation; Real Estate Economics; Research Methods.

Spring semester

Core module: Integrated Project specialising in Real Estate Development and Planning Law.

Optional modules include

International Real Estate Market Analysis; Sustainable Development: A Critical Investigation; Issues in Housing; Investment Valuation; Law of Business Leases.

MA Urban Design and Planning

Accredited by the Royal Town Planning Institute (RTPI)

To deal with the complex challenges of urban development, planners have to know how to work with other professionals. This course equips you with the skills to produce sensitive plans and creative designs, taking into account the financial and practical issues associated with property development.

This course will develop your skills in urban design, planning and the development of cities.

You'll study the UK urban experience and rapidly urbanising cities in Asia and Africa. The course draws on leading teaching and research at the University, combining the urban design expertise of the School of Architecture and the international planning expertise of the Department of Urban Studies and Planning. The course is accredited as a Specialist Planning Programme by the Royal Town Planning Institute.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Autumn semester

Core modules: Principles of Urban Design; Perspectives on Spatial Planning and Development; Research Methods.

Examples of optional modules

Choose one module from a list including: Spatial Planning Systems; Urban Development in the Global South.

Spring semester

Core module: either Urban Design in the Global South and International Development Field Class, or Integrated Project.

Examples of optional modules

Advanced Software Skills in Urban Design; Transport Planning; Conservation and Regeneration: Principles and Approaches; Sustainable Development: A Critical Perspective; Cities of the South: Planning for Informality.

MSc Applied GIS

Our MSc Applied GIS will provide you with the mix of technical skills, practical experience and theoretical understanding you need to launch a successful career in the fields of GIS, applied policy research or spatial data analysis.

You'll develop a wide variety of knowledge in areas such as advanced spatial analysis, geovisualisation, policy applications of GIS in practice, and thematic mapping and cartogram creation.

English language requirements

Overall IELTS score of 6.5 with a minimum of 6.0 in each component, or equivalent.

Autumn semester

Core modules: Quantitative Analysis 1; Applications of GIS; Data, Visualisation and GIS; Open Source GIS; Spatial Data Analysis.

Spring semester

Core modules: Research Proposal for Applied GIS; Advanced GIS Methods; The Professional GIS Project.

Examples of optional modules

Transport Planning; Issues in Housing; Cities of Diversity.

Apply

www.sheffield.ac.uk/masters

If you'd like to know more about any aspect of our courses, contact us:

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usp-admissions@sheffield.ac.uk



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All students can choose to take a module in learning how to teach. Find more details at: www.sheffield.ac.uk/lets/cpd/sta

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Part-time study

You can study most of our courses part-time. If the course you want isn't listed as part-time here, please contact the department to discuss it further.

Distance learning

If you take a distance learning course, you'll do most of your studying from home, staying in touch with tutors and students via the internet. See the department's webpages or contact them to find out more.

Length of course and credits

This means the minimum time it takes to complete the course. Some courses give you extra time to finish dissertation or project work. Ask the department about this. You'll need 180 credits to be awarded a masters. You could be awarded a Postgraduate Diploma if you accrue 120 credits and a Postgraduate Certificate if you accrue 60 credits. Check this with your department.

Course	Qualification(s)	Length of course (months)		Notes	Page
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Accounting, Governance and Financial Management	MSc	12		DL	118
Acquired Communication Disorders	MSc	12	24-36	DL	98
Acquired Communication Disorders	PGDip	12	24	PA, DL	98
Acquired Communication Disorders	PGCert		12	DL	98
Additive Manufacturing and Advanced Manufacturing Technologies	MSc(Res)	12			133
Advanced Aerospace Technologies	MSc	12			32
Advanced Computer Science	MSc	12			60
Advanced Control and Systems Engineering	MSc	12		DL	44
Advanced Control and Systems Engineering (with Industrial Management)	MSc	12			44
Advanced Control and Systems Engineering (with industry)	MSc		24		44
Advanced Electrical Machines, Power Electronics and Drives	MSc(Eng)	12			78
Advanced Emergency Care (online)	MSc		24-48 (online)		92
Advanced Manufacturing Management	EMBA		21		123
Advanced Manufacturing Technologies	MSc(Res)	12			132
Advanced Mechanical Engineering	MSc	12			132
Advanced Metallurgy	MMet	12			126
Advanced Neonatal Nurse Practitioner	MMedSci		24-60	DL	149
Advanced Nursing Studies	MMedSci/PGCert/ Dip		36 (online)		148
Advanced Paediatric Nurse Practitioner	MMedSci		12-60		147
Advanced Professional Practice	MA		36		166
Advanced Software Engineering	MSc(Eng)	12		PA	61
Advancing Practice (Modular Framework)	MMedSci		24-60	PA	148
Aegean Archaeology	MA	12	24		39
Aerodynamics and Aerostructures	MSc(Res)	12			133
Aerospace Engineering	MSc	12			32
Aerospace Materials	MSc(Eng)	12			126
American History	MA	12	24		95
Antimicrobial Resistance	MSc	12	24		141
Applied Geographical Information Systems (GIS)	MSc	12	24		169
Applied Linguistics with TESOL	Diploma/ MA	12	24	PA	80
Applied Professional Studies in Education	MA		12-36 (online)		75
Archaeology	MA	12	24		37
Archaeology of the Classical Mediterranean	MA	12	24		37
Architectural Design	MA	12			42
Architecture	MArch	24		PA	41
Architecture and Landscape Architecture	MArch	24			41
Architecture: Collaborative Practice	MArch	24			41
Autonomous and Intelligent Systems	MSc	12			45
Biochemical Engineering with Industrial Management	MSc(Eng)	12		DL	53
Biodiversity and Conservation	MSc	12			34
Biological Imaging	MSc	12			153
Biological and Bioprocess Engineering	MSc(Eng)	12			52
Biological Sciences	MSc	12			34
Biomaterials and Regenerative Medicine	MSc	12			127
Biomedical Science	MSc	12		DL	49

Key to abbreviations

DL – Distance Learning PA – Professional Accreditation

Course	Qualification(s)	Length of course (months)		Notes	Page
		FT	PT		
Biomedical Science with Education	MSc	12			49
Broadcast Journalism	MA	12			104
Broadcast Journalism	PGDip	9			104
Business Administration	MBA	12	24		122
Business Finance and Economics	MSc	12	24	PA	71
Cardiovascular Medicine: From Molecules to Man	MRes	12			135
Catalan Studies	MA	12	24		111
Chemistry	MSc	12			54
Chemistry	MSc(Res)	12			54
Cities and Global Development	MA	12			168
Civil Engineering	MSc(Eng)	12	24	PA	57
Clinical Neurology	MSc	12		PA	135
Cognitive and Computational Neuroscience	MSc	12			158
Cognitive Neuroscience and Human Neuroimaging	MSc(Res)	12			158
Cognitive Studies	MA	12	24		152
Commercial Real Estate	MA	12		PA	166
Composition	MA	12	24		144
Computational Medicine	MSc	12			59
Computer Science With Speech and Language Processing	MSc	12			61
Control and Systems Engineering	MRes	12			45
Corporate and Commercial Law	LLM	12	24		114
Cost Effective Modelling	PGCert		24 (online)		91
Creative and Cultural Industries Management	MSc	12			118
Creative Writing	MA	12	24		84
Crossways in Cultural Narratives	MA	24		PA	112
Cultural Heritage Management	MA	12			38
Cybersecurity and Artificial Intelligence	MSc	12			61
Data Analytics	MSc	12			62
Data Communications	MSc(Eng)	12		PA	78
Data Science	MSc	12	24–36		100
Dementia Studies	MA	12	24–60		149
Dental Materials Science	MSc	12			66
Dental Public Health	MDPH	12	24		65
Dental Technology	MSc	12			66
Diagnostic Oral Pathology	MMedSci	12		PA	65
Digital Architecture and Design	MSc	12	24		42
Digital Media and Society	MA	12	24	PA	165
Early Childhood Education	MA		24–36		75
Early Childhood Education	EdD		Part 1: 24–48		75
Early Modern History	MA	12			95
Earthquake and Civil Engineering Dynamics	MSc(Eng)	12	24		60
East Asian Business	MSc	12			68
Ecology and Environment	MRes	12			36
Economics	MSc	12	24		70
Economics and Health Economics	MSc	12		DL	70
Economics and Public Policy	MSc	12	24		70
Education	MA	12		PA	74
Education: Early Childhood	MA	12			74
Education: Language and Education	MA	12			74
Education, Teaching and Learning	MA		12–36 (online)		75
Educational and Child Psychology	Doctorate	36			76
Electronic and Electrical Engineering	MSc(Eng)	12			78
Endodontics	DClinDent	36			64
Energy Engineering with Industry Management	MSc(Eng)	12			53
English Language and Linguistics	MA	12	24		81
English Literature	MA	12	24		83
English Studies (online)	MA	12	24		84
Environmental and Energy Engineering	MSc(Eng)	12			53
Environmental and Energy Engineering	Diploma	9			53
Environmental Archaeology and Palaeoeconomy	MSc	12	24		38
Environmental Change and International Development	MSc	12	24		87
Ethnomusicology	MA	12	24		143
European and Global Affairs	MA	24		PA	155
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Evolution and Behaviour	MRes	12			36
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Key to abbreviations

DL – Distance Learning PA – Professional Accreditation

Course	Qualification(s)	Length of course (months)		Notes	Page
		FT	PT		
Finance	MSc	12	24	DL, PA	71
Finance and Accounting	MSc	12			118
Financial Economics	MSc	12	24		71
General Practice Advanced Nurse Practitioner	MMedSci	12			148
Genomic Approaches to Drug Discovery	MSc	12			49
Genomic Medicine	MSc	12		PA	135
Global History	MA	23	24		95
Global Journalism	MA	12			104
Global Marketing Management	MSc	12			119
Global Political Economy	MA	12	24		156
Health Economics and Decision Modelling	MSc	12	24–36		90
Health Informatics (Distance Learning)	MSc		36		100
Historical Research	MA	12	24	DL	96
Human Anatomy with Education	MSc	12			49
Human and Molecular Genetics	MSc	12			142
Human Nutrition	MSc/PGDip	12	24	PA	92
Human Osteology and Funerary Archaeology	MSc	12	24	PA	38
Human Resource Management	MSc	12			119
Information Management	MSc	12	24–36		101
Information Systems	MSc	12	24–36		101
Information Systems Management	MSc	12		PA	119
Intercultural Communication	MA	12	24		110
Intercultural Communication and International Development	MA	12			111
Interdisciplinary Biblical Studies	MRes	12		DL	46
International Criminology	MA	12	24	DL	115
International Dental Public Health	MClintDent	24			65
International Development	MA	12	24		86
International Development	MPH	12	24	PA	86
International Finance and Economics	MSc	12	24		71
International Health Management and Leadership	MSc		24–48 (online)		91
International Health Technology Assessment, Pricing and Reimbursement	MSc		24–48 (online)	PA	91
International Law and Global Justice	LLM	12	24	PA	114
International Management	MSc	12		PA, DL	119
International Management and Marketing	MSc	12		PA	120
International Political Communication	MA	12		PA	104
International Postgraduate Certificate in Education	iPGCE		12 (online)	PA	75
International Relations	MA	12	24		156
International Relations and East Asia	MA	12	24		68, 156
International Social Change and Policy	MSc	12	24		166
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Landscape Architecture	MA	24		PA	107
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Landscape Management	MA	12	24–36		107
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Landscape Studies	PGDip	12			108
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Language and Communication Impairment in Children	PGDip		24		97
Language and Communication Impairment in Children	PGCert		12		97
Law	LLM	12	24		114, 115
Law	PGDip	12			115
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Library and Information Services Management (Distance Learning)	MA		24–36		102
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Logistics and Supply Chain Management	MSc	12			120
Magazine Journalism	MA	12			105
Magazine Journalism	PGDip	9			107
Management	MSc	12			120
Management and Strategic Leadership	MSc	24			124
Management for Engineers	PGDip		18		124
Management (International Business)	MSc	12			121
Managing Long-Term Health Conditions	PGCert		12–24		150
Marketing Management Practice	MSc	12			121

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Course	Qualification(s)	Length of course (months)		Notes	Page
		FT	PT		
Materials Science and Engineering	MSc	12			126
Mathematics	MSc	12			130
Mathematical and Theoretical Physics	MSc	12			130
Mechanical Engineering and Industrial Management	MSc	12			132
Medical Education	PGCert		12–24		136
Medicine in Society	MA	12			136
Medieval Archaeology	MA	12	24		40
Medieval History	MA	12	24		94
Modern History	MA	12	24		94
Modern Languages and Cultures	MA	12			110
Molecular and Cellular Basis of Human Disease	MSc	12			50
Molecular Biology and Biotechnology	MSc	12			142
Molecular Medicine	MSc	12			137
Money, Banking and Finance	MSc	12	24	PA	70
Multilingual Information Management	MA	12	24	PA	110
Musculoskeletal Ageing	MRes	12		PA	137
Music Management	MA	12	24		144
Music Performance Studies	MA	12	24		144
Music Psychology in Education	MA/ PGDip/ PGCert		24	DL	146
Musicology	MA	12	24	DL	144
Nanomaterials and Materials Science	MSc	12			128
Neonatal Intensive Care	PGCert		12–24	DL	150
Neuroscience	MSc	12			50
Neuroscience and Neurodegeneration	MSc		12–36	DL	137
Nuclear Science and Technology	MSc	12			128
Nursing Studies (Adult)	PGDip	24			150
Occupational Psychology	MSc	12		PA	121
Orthodontics	MClinDent	24			64
Orthodontics	DClinDent	36			64
Osteoarchaeology	MSc	12	24		39
Paediatric Dentistry	MClinDent	24			64
Paediatric Dentistry	DClinDent	36			64
Palaeoanthropology	MSc	12	24		39
Particle Physics	MRes	12			154
Periodontics	DClinDent	36			64
Pharmaceutical Engineering	MSc	12			53
Philosophy	MA	12	24		152
Physician Associate Studies	PGDip	24			138
Plant and Microbial Biology	MRes	12			36
Polar and Alpine Change	MSc(RES)	12		DL	87
Political Theory	MA	12	24	DL	156
Political Theory	MA	12	24	DL	156
Politics and Media in East Asia	MA	12		PA, DL	68
Politics, Governance and Public Policy	MA	12	24	PA, DL	156
Polymer and Polymer Composite Science and Engineering	MSc(Eng)	12		PA, DL	128
Polymers for Advanced Technologies	MSc	12		PA	55
Postgraduate Diploma in Education	PGDE	36			73
Practical Entomology	MSc	12			34
Process Safety and Loss Prevention	MSc(Eng)	12	24	PA	51
Process Safety and Loss Prevention	Diploma	9			51
Prosthodontics	DClinDent	36			64
Psychological Research Methods	MSc	12	24		158
Psychological Research Methods and Advanced Statistics	MSc	12	24	PA	158
Psychological Research Methods with Data Science	MSc	12	24		159
Psychology and Education	MA	12		DL	74
Psychology and Education (Conversion)	MSc	12			74
Psychology of Music	MA	12	24		145
Public Health	MPH	12	24–36		89
Public Health (Health Services Research)	MPH	12	24–36		89
Public Health (Management and Leadership)	MPH	12	24–36	PA	89
Public Health (online)	MPH		24–24 (online)	DL	89
Quantum Photonics and Nanomaterials	MRes	12			154
Real Estate	MSc	12			169
Real Estate Planning and Development	MA	12			169
Reproductive and Developmental Medicine	MSc	12		DL	138
Robotics	MSc	12			44

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Course	Qualification(s)	Length of course (months)		Notes	Page
		FT	PT		
Science Communication	MSc	12	24		160
Screen Translation	MA	12	24		111
Semiconductor Photonics and Electronics	MSc(Eng)	12			79
Social Research	MA	12	24		162
Social Work	MA	24			165
Sociology	MA	12	24		165
Software Systems and Internet Technology	MSc	12			62
Solar Cell Technology	MSc	12			154
Speech and Language Therapy	MMedSci	24			97
Speech Difficulties	MSc	12	24–36	DL	98
Speech Difficulties	PGDip	12	24	DL	98
Speech Difficulties	PGCert		12	DL	98
Statistics	MSc	12	24–36	DL	130
Statistics with Financial Mathematics	MSc	12	24–36	DL	130
Stem Cell and Regenerative Medicine	MSc	12			50
Structural and Concrete Engineering	MSc(Eng)	12	24		57
Structural Engineering	MSc(Eng)	12	24		57
Sustainable Agricultural Technologies	MSc	12			34
Sustainable Architecture Studies	MSc	12	24		41
Theatre and Performance Studies	MA	12	24		84
Traditional and World Music	MA		24	DL	146
Translation Studies	MA	12	24		110
Translational Neuropathology	MSc	12			139
Translational Neuroscience	MSc	12			139
Translational Oncology	MSc(Res)	12	24		139
Urban Design	MA	12	24		42
Urban Design and Planning	MA	12			169
Vision and Strabismus	MMedSci/PGDip/PGCert		24–36	DL	140
Water Engineering	MSc(Eng)	12	24		58
Wireless Communication Systems	MSc(Eng)	12			79
Work Psychology	MSc	12			121
Urban and Regional Planning	MA	12			168

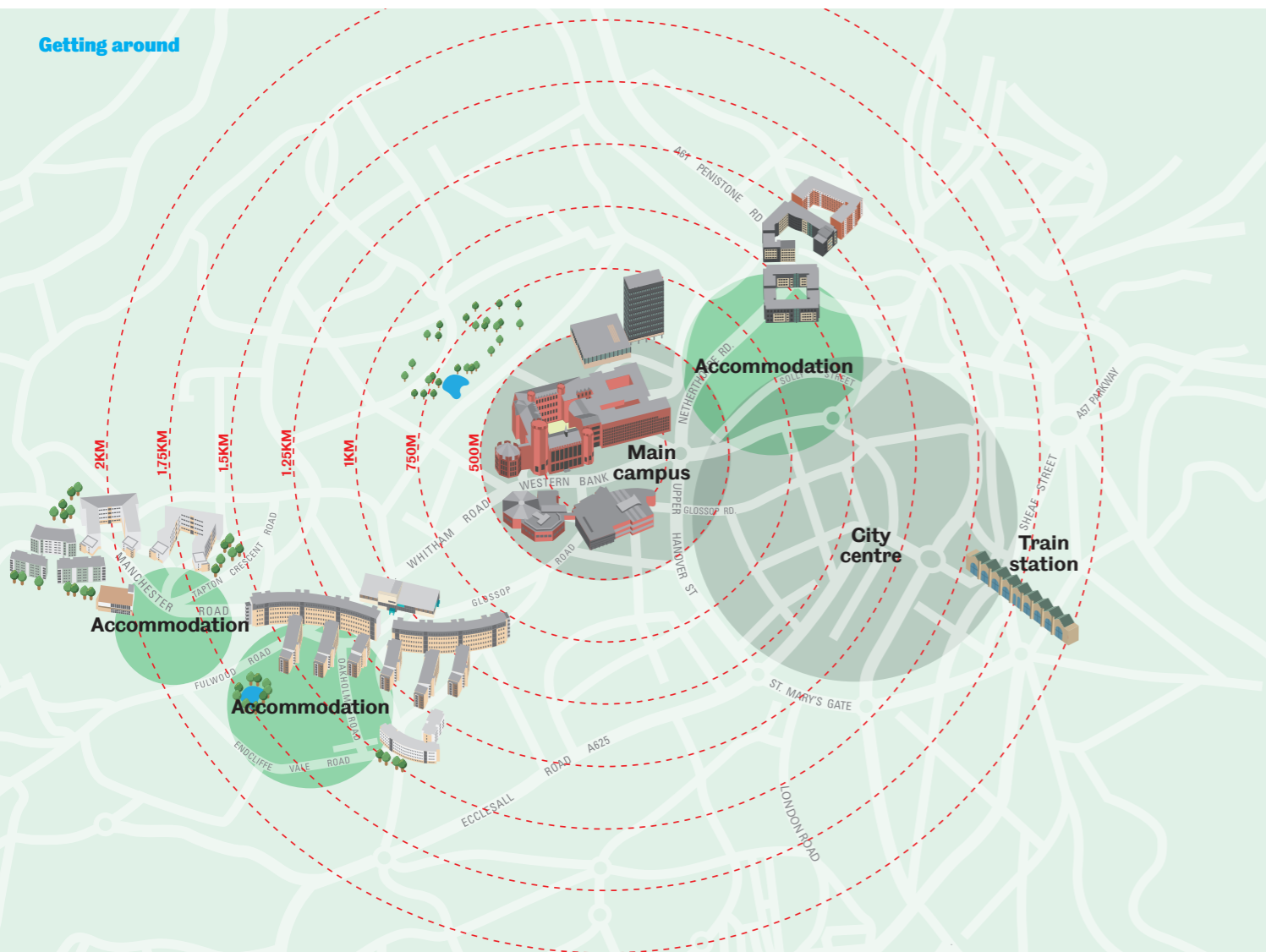
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Getting here



Getting around



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