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www.manchester.ac.uk
/AdmissionsUoM
@AdmissionsUoM
manchesterstudentblogs.wordpress.com

For enquiries on specific courses
Contact the admissions office for the relevant subject area. Contact details are in our course listings pages, which start on p74.

Year 12 or 13?
If you’re in Year 12 or 13 or studying an Access to HE course, join our University of Manchester Aspiring Students’ Society (UMASS). You’ll get a unique insight into Manchester student life via exclusive online content, a monthly e-newsletter, subject taster days and study skills workshops, plus support with your UCAS application. www.manchester.ac.uk/umass

If you need this information in an alternative format, please call our Student Recruitment Office:
t: +44 (0)161 275 2077
Can’t come to one of our open days?

Our guided visits include a presentation on the University, a question-and-answer session with current students, and a campus tour.

Available most Wednesdays at 1.30pm–3.30pm. www.manchester.ac.uk/guidedvisits

Take an independent look around campus. Our Visitors Centre (building 37 on our campus map, p194) can provide maps and information. It’s open Monday to Friday, 9am–5pm.

Take an accommodation tour of some halls of residence, including a guided tour and a viewing of at least one student bedroom.

Available most Wednesdays from November to March, 10.30am–12pm.

t: +44 (0)161 275 2077

www.manchester.ac.uk/opendays
Why Manchester

Manchester has everything... except a beach.
Ian Brown.

#NorthernFlowers
Ten reasons why

The University of Manchester is Britain’s most popular university, receiving more undergraduate applications than any other university in the UK. Here are a few reasons why we’re the obvious choice for the world’s brightest and best.

1. We’re the most targeted university by the UK’s top 100 graduate employers*. Discover how you can boost your employability – p20.

2. We’re right at the heart of Britain’s most popular student city. Explore the city of Manchester – p54.

3. As one of the UK’s top research institutions, we feed our research directly into our courses – meaning you’ll graduate with cutting-edge knowledge in your field. Get a taste of our world-leading research – p12.

4. We welcome the UK’s largest student community, open to ambition and talent from everywhere – including the highest number of international students in the UK. Discover the benefits of multicultural Manchester – p16.

5. We attract world-leading minds – 25 Nobel laureates have worked or studied here, including three on our current staff. Learn about our history of innovation and discovery – p10.

*Based on LCP’s Graduate Employer Survey 2021.
You could join the **UK's biggest students’ union**, offering an unrivalled range of exciting social and extracurricular opportunities. *Discover our eclectic Students’ Union – p46.*

We partner with leaders in industry and education, offering you diverse **practical experiences to supplement your academic learning** and make you even more employable. *See how you could broaden your horizons – p22.*

We are unique among UK universities in having social responsibility as a core goal – and we invite you to share our world-changing ambitions, with courses and activities that help you **develop as a socially responsible, global citizen**. *Learn how you can make a difference to others as well as to your career – p26.*

We’re investing **£1.75 billion in cutting-edge campus facilities**. *Explore our historic yet ever-evolving campus – p32.*

**And we’re not stopping there. We want to become one of the top 25 universities in the world by 2020** – and we’re well on the way to achieving our ambition, having leapt 48 places from 89th to 41st** in the past 12 years.**

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**What’s your ambition?**

Discover how a Manchester degree can help you to achieve it.

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* The Graduate Market in 2015 – High Fliers Research ** Academic Ranking of World Universities 2003 and 2015
Endless possibilities

You’ll discover a world of opportunities at The University of Manchester, helping you prepare for future success. Imagine what you could achieve.

Join The University of Manchester. Be ready for anything – and try it all.

Join Student Action Manchester. Lead a volunteering project teaching computer skills to refugees based in the city.

Undertake an interactive workshop on our Ethical Grand Challenges Programme and be inspired to make a difference to contemporary society.

www.manchester.ac.uk/hannah
Volunteer at the Manchester International Festival. Get an insight into careers in cultural and creative industries – and a free ticket to see a world premiere performance.

Contribute to current cancer research, working alongside a Manchester researcher during your final-year laboratory work.

Work at IBM for a year as part of your degree. Gain professional skills and real-world context for your academic studies.

Chair the University of Manchester Hiking Club. Hone your leadership skills while exploring areas of natural beauty in the nearby Peak District, Lake District and further afield.

Secure a summer internship at the University’s Global Development Institute. Work on website content, gaining useful technical and project management skills, and help us to tackle global inequalities.

Combine a period of study in Hong Kong with a project on intercultural communication and receive an award from the University in recognition.
Standing on the shoulders of giants

Manchester’s story is one of world firsts and brilliant discoveries. Join us and follow in the footsteps of global innovators and pioneers whose achievements have helped shape the modern world.

25 Nobel Prize winners have worked or studied at Manchester.

Manchester is the birthplace of nuclear physics. Here, Ernest Rutherford’s work led to the splitting of the atom.

www.manchester.ac.uk/heritageheroes
Manchester professors Andre Geim and Kostya Novoselov received the 2010 Nobel Prize in Physics for isolating the world’s thinnest, strongest, most conductive and first-ever two-dimensional material – graphene.

Our observatory at Jodrell Bank is home to the iconic Lovell Telescope, which was the world’s biggest telescope of its kind when it first opened in 1957. It’s also the international headquarters for the world’s largest radio telescope, the Square Kilometre Array.

Christabel Pankhurst, a Manchester law graduate in 1906, who was unable to enter the profession because she was female, became one of the suffragette movement’s most committed campaigners.

Economist Arthur Lewis became the first black professor at a British university when he joined us in 1948, and he published his most influential works at Manchester.

What this means for you

- Gain a degree from a prestigious, historic and reputable university
- Study in an academic environment that turns inspiration into reality, encouraging innovation, experimentation and creative thinking
Global challenges, Manchester solutions

Manchester is one of the world’s top research universities, ranked fifth in the UK for ‘research power’*. The research we carry out has a direct impact on your course, and at the same time, is changing the world. Our pioneering discoveries, interdisciplinary collaboration and cross-sector partnerships are tackling some of the biggest questions facing the planet.

**Industrial biotechnology**
The University is leading the way towards a bio-industrial revolution. Industrial biotechnology, combined with the emerging science of synthetic biology, uses biological resources such as plants, algae, fungi, marine life and micro-organisms to change how we manufacture chemicals and materials.

We’re creating next-generation chemicals for industrial and health-care needs. Our Manchester Institute of Biotechnology is one of Europe’s leading industry-interfaced institutes, with world-leading capabilities in chemicals synthesis and manufacture.

**Advanced materials**
We lead the world in the development of new and existing materials for extreme environments, as well as measuring and exploring materials to help us fully understand their properties and potential.

Manchester is also the home of graphene, the one-atom-thick material that will revolutionise the material world. Our team of more than 200 researchers is constantly coming up with new ways to improve and transform current products by harnessing the remarkable qualities of graphene and related materials.

**Energy**
We’re pioneering energy systems for the future so that we can continue to heat our homes, light our buildings and travel. We’re enhancing the efficiency and viability of sustainable energy sources such as solar, wind, tidal and bioenergy. And we’re home to the Dalton Nuclear Institute, the UK’s most advanced academic nuclear research capability.

We’re finding out more about how today’s urban society uses energy, blending expertise from the engineering and social sciences to learn more about demand and how it can be met.

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* 2014 Research Excellence Framework
Cancer

We want to loosen cancer’s grip and improve the lives of those it affects. Our medical research ranges from understanding the molecular and cellular basis of cancer to the development and testing of drugs and other therapeutic approaches.

Through nursing, psychology and policy work, solutions to the physical, emotional and economic impacts of cancer are being researched and put into practice across the University. All this is strengthened by our links with NHS organisations and cancer charities – as well as the support of the local population.

Addressing global inequalities

We’re focusing on all aspects of inequality, from poverty to social justice, from disparities in health-care standards to equality in the workplace. We want to understand why these happen so we can bring about a fairer world.

Our research directly influences policies that make positive changes for people affected by poverty and inequality. International governmental organisations, national governments, multinational corporations, global charities and NGOs partner with us to do things differently.

What this means for you

• Our world-class research can hit the headlines one day and feature in one of your lectures the next
• Learn from leaders in their fields, at a university that regularly invests in the best research and learning facilities and resources
• Benefit from a learning environment where interdisciplinary teamworking is the basis of discovery and innovation
• Become part of something bigger – learn from and contribute to discussions that could change the world

www.manchester.ac.uk/research
Manchester is connected with more than 300,000 alumni across the globe. Here, four alumni look back on their time at Manchester – and reveal how it helped them get where they are today.

A network of inspiring alumni

Andrew Cohen
Head of Science, BBC
BSc Physiology and Pharmacology, 1994

“My time at Manchester provided two key things: a solid education and a great social life. As well as retaining many close friends more than 20 years later, the education I received at Manchester has stood the test of time very well. Although BBC Science makes programmes about all areas of science, as a filmmaker I specialised in medical films, using the knowledge of my degree as a solid foundation.

“Manchester is a great city, a great university and a magnet for interesting students from all over Britain and the world. From speaking to some of the greatest minds on the planet to living with six like minds in a messy flat in Fallowfield – I look back at those times as some of the best in my life.

“In recent years I’ve been lucky enough to connect with the University again through becoming an Honorary Lecturer in the School of Biological Sciences. It only feels right to try and give something back to an institution that gave me so much.”

Andrew’s advice for you: “Choose Manchester – you won’t regret it.”

Damaris Treasure
Head of Strategic Communications,
City Football Group
BA Classical Studies, 2011

“Manchester gave me a degree to be proud of, new friends and new learning experiences. You have the opportunity to meet such a diverse range of people; every single one can teach you something that you can use in future.

“Learning to balance the many strands of university life while working taught me more than I could have imagined about time management and prioritisation.

“Every year I participate in a ‘Meet the Professionals’ event at the School of Arts, Languages and Cultures. It’s really important to share experiences, because it’s very rare that the route into any career is straightforward, and job-hunting is such a daunting experience.”

Damaris’s advice for you: “Work hard and embrace the city, its people and its unique and vibrant culture.”
Olivia Barker  
UK Director, Kids Club Kampala  
BA Econ Development Studies, 2011  

“Manchester had a big impact on me. I gained lifelong friends, had lots of great experiences and enjoyed a very active social life. Studying international development also further ignited my passion for working in a developing country. I gained a good theoretical understanding of the working context, plus **practical skills that have been extremely useful in setting up and growing a small charity**.

“Student Action played a huge part in my life at Manchester. I ran their Willowbank volunteer project, working with a fantastic group of children from a homeless refuge in Fallowfield – playing games, doing art, crafts and baking, and taking them on fun trips out. It was such a privilege to work with those kids.

“I’m happy to share my experiences with Manchester students. If you’re interested in this kind of work, you have to have a passion for what you’re doing and be incredibly determined to succeed.”

Olivia’s advice for you: “Be prepared to learn a lot academically, and about yourself personally.”

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Brian Cox  
Professor of Particle Physics / BBC TV presenter  
BSc Physics, 1992  

“Manchester has completely defined my life and my career. I’ve been here for 22 years, around half my life. I’ve learnt the most wonderful things about the universe, physics, biology, the arts. It’s a place where you can wander through knowledge.

“Manchester is a superb place to be a student. It provides both the specific degree education that you want and the rounded experience of growing up in one of the world’s major cities. Our students tend to want the best possible education and learning environment but also to have access to other things. The city is tuned to students but is also a world city that offers so much more.

“The University has helped me immeasurably because it values education beyond its walls as much as it values education. And **lecturing first year students** is a superb way of enhancing your understanding of a subject. It really makes you think, and it’s great to meet all the students.

Brian’s advice for you: “Be open to a rounded education; explore the things that interest you.”

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**What this means for you**

- Former students like these regularly share their expertise with Manchester students; they can help you get the most from your time with us, and give you a head start after graduation
- Be inspired by our alumni success stories; find your own passion at Manchester and work towards your goals, while building many happy memories along the way
For those of us who live, work or study here, Manchester is at the centre of the world – a dynamic melting pot of cultures and experiences, where we can all learn from each other. The University is a reflection of the city's unique multiculturalism, welcoming nearly 40,000 students from 160 countries.
An international experience for all
We’re committed to making student life at Manchester an international experience for everyone – no matter where you’re from. Not only are we proud to welcome more international students than any other UK university, but our diversity offers exciting opportunities for all students to develop and grow, and to become globally minded, socially responsible individuals – strengthening your value to potential employers.

As well as socialising with students from across the globe and learning valuable cultural lessons, your studies will be influenced by our international scope – whether that’s through international research, being taught by, or with, people from other countries, or deciding to learn a language or study abroad as part of your degree – something we encourage, and which is offered by the majority of our courses.

We’re ranked 41st in the world, 8th in Europe and 5th in the UK in the 2015 Academic Ranking of World Universities, and we’re connected with 300,000 alumni based in organisations and countries across the globe.

Meet the world, and get a global education in Manchester.

Supporting international students
With nearly 10,000 international students studying here, we’re able to offer a substantial support package to make sure you feel at home in Manchester, even if home is at the other side of the globe.

If you’re coming to Manchester from outside the EU, you can expect:

- a guaranteed place in University accommodation for the duration of your course (if you pay international fees and are coming to Manchester alone);
- a dedicated Orientation programme upon arrival;
- professional, confidential advice on a range of issues, including immigration and visas;
- the supportive and social network of our International Society;
- tailored careers support for international students;
- an extensive range of English language programmes before and during your studies;
- local places of worship for all major faiths.

www.manchester.ac.uk/international

What this means for you

- You’ll make friends from across the globe, broadening your world view and giving you the edge when it comes to cross-cultural communication
- International staff and collaborative global research means your course units will have an interesting international scope
- Our worldwide connections give you unique opportunities to study and work abroad
The Manchester degree

What employers want p20
Broaden your studies p22
Study abroad p24
Make a difference p26
Industrial experience p28
The Manchester degree

What employers want

A degree from The University of Manchester is special, and employers know it. That’s why we’re the most targeted university by the UK’s top 100 graduate employers.

It’s not just our academic prowess that makes our graduates so distinctive. A degree from Manchester is an experience, encompassing an exceptionally broad range of transferable skills, derived from the wealth of opportunities we offer.

We create independent, results-driven graduates by encouraging you to think creatively and analyse effectively, and give you the skills you’ll need in the workplace, such as working as part of a team, delivering presentations and solving problems.

www.manchester.ac.uk/manit
Between the University and our Student’s Union (see p46) you’ll find plenty to get stuck into, creating a Manchester experience that’s exciting, worthwhile and unique – and that will set you up as a socially responsible, well-rounded and distinctive candidate for any career.

Extracurricular activities are not seen as an add-on here, but are encouraged as part of the rounded and diverse Manchester experience, which is regarded as so prestigious by employers.

You’ll have opportunities to broaden your studies and enhance your academic success through a multitude of options, including course units from outside your discipline, learning a language, studying abroad, getting industrial experience, or volunteering on projects in the local community and further afield. And we’ll support you to get the most out of these opportunities by incorporating them into your course.

We’re committed to producing socially responsible graduates; we do everything we can to ensure our students develop a social conscience and make a difference in the world. That’s why you’ll undertake the Ethical Grand Challenges programme at the beginning of your time here, and we’ll encourage you to take part in other social, ethical and environmental activities over the course of your degree.
The Manchester degree

Broaden your studies

As the largest campus-based university in the UK, our breadth of knowledge and expertise is unparalleled. Studying at Manchester, you’ll be surrounded by world-leading minds working in many different fields. To help you make the most of this unique opportunity, we offer a choice of cutting-edge course units drawing on our interdisciplinary excellence, which you could take as part of your degree.

Take diverse course units

- Our University College for Interdisciplinary Learning (UCIL) offers diverse course units for most Manchester undergraduates, which will count towards your degree.

Benefits of interdisciplinary study

- Sample new topics outside of your degree, expanding your skill set, experience and knowledge and enabling you to stand out from the crowd.
- Meet and work with students from different courses, discovering fresh perspectives and helping you to challenge conventional thinking.
- Learn from experts in their fields, studying cutting-edge topics to enrich your learning experience and boost your employability.
- Consider options that enable you to incorporate hands-on experience working in industry or the community into your degree course.
- Learn about the key social and ethical challenges confronting humanity today.

Examples of course units

- Physics and the Grand Challenges of Today – become more scientifically literate and learn how to evaluate many of today’s key scientific and technological challenges.
- Diverse Britain in a Globalising World – explore multiculturalism and integration from a multidisciplinary and contemporary perspective.
- The Digital Society – work with a real-world client to address a challenge related to digital media and technology.
- Ethical and Sustainable Business Enterprise – learn to combine business success with making a positive difference in the world.
- Body, Health and Well-being – discover the composition of the human body and the impact of lifestyle on its structure and function.

UCIL units are available as part of most courses. Please contact the relevant School to check if your course participates.
Prove your ability with a prestigious award

Graduate recruiters look for evidence that makes you stand out from the crowd. Combining academic study with hands-on extracurricular experience, University College awards give you that proof. Developed in collaboration with graduate recruiters, they are specifically designed to broaden your skill set and make you more employable.

We offer a range of awards to recognise the diversity of your experiences here, in areas such as leadership, intercultural communication, volunteering and enterprise.

What our students say

“This course unit has been my favourite during my whole time here at Manchester. It’s a fantastic, forward-thinking course.”

“Relating ideas to real-life situations really helps the understanding of new ideas.”

“I feel like this course unit has opened doors for me and has given me a career path.”

“Interviewers are always impressed with the nature of the course and they always mention that they’ve never heard of anything like this before.”

www.manchester.ac.uk/ucil
Many Manchester students jump at the chance to experience life, culture and study in another country as part of their degree. We offer you the broadest range and highest calibre of partner universities to choose from – 120 in Europe and a further 80 worldwide – including some of the world’s other top universities.

“Demanding, but enlightening. If you put a lot into the experience, you will reap the benefits.”
Sonny Flood, Law, University of Toronto, Canada

“This is an amazing opportunity, as you really can make friends with people all over the world.”
Rosa Dennis, Social Anthropology, Universidad de las Americas, Puebla, Mexico

“Life-changing – and I want to go back!”
Hanan L’Estrange-Snowden, Social Anthropology, University of North Carolina, Chapel Hill, US

“I have learnt more about myself in one year than in the rest of my life.”
Robin Dickie, Chemistry, University of British Columbia, Vancouver, Canada

Look for this symbol
Subject areas marked with this symbol in the Courses section of this prospectus offer opportunities for study abroad.
“Amazing experience, exploring a new city and meeting new people while understanding their culture and way of life.”
Thomas Joannou, European Studies and French, Université Lumière Lyon 2, Lyon, France

“You feel special when you’re abroad; everything is exciting and everyone is excited with you.”
Maddy Taylor, American Studies, University of Maryland, US

“Fantastic – do it!”
Andrew McVitty, Geography, University of California, Santa Barbara, US

“Best four months of my life!”
Helen Sheldon, Pharmacology, Stony Brook University, New York, US

“I really cannot stress enough how amazing and intriguing Hong Kong is. I absolutely love it.”
Alexandra Ure, Fashion and Textile Retailing, Hong Kong Polytechnic University, Hong Kong

“I expected to meet some cool people, but didn’t expect to make friends for life. I expected to travel to some beautiful places and experience a different culture, but didn’t expect this to become such a huge part of who I am.”
Vanessa Maloney, Social Anthropology, University of Auckland, New Zealand

“The best experience of my life to date.”
Samantha Maher, English Literature and German, Universität Leipzig, Germany

“A life-changing, unforgettable experience and 100% the best year of my life so far!”
Alexandra Matthews, Social Anthropology, Vrije Universiteit, Amsterdam, The Netherlands

Your study abroad options

- Spend one semester or up to a full year abroad, depending on the course you choose.
- You don’t need to know or study another language, as many of our partner universities teach in English – although it can be a great opportunity to learn or improve your existing fluency.
- Studying abroad can be a highly cost-effective way to experience life overseas. If you take a year abroad as part of a four-year course, your tuition fees for that year are much lower and you can still get your student loan. If you take a European exchange, you’ll usually receive an Erasmus+ grant towards costs.

Find out more

t: +44 (0)161 275 3053
e: goabroad@manchester.ac.uk
w w w .m anchester.ac.uk/undergraduate/studyabroad
w w w .m anchesterontheroad.wordpress.com
Volunteer your time and skills

Make our volunteering website your first port of call, where you can find out about a range of opportunities on campus, locally and internationally, as well as getting information, advice and support.

There’s a massive array of opportunities at Manchester. Here’s a taster:

• Volunteer with one of our partner organisations in the community. These include the British Heart Foundation, Girlguiding, Incredible Edible and many more;

• Student Action – volunteer in our local community with this student society; you could work with children, the homeless, the elderly, people with learning disabilities, or support environmental initiatives

• Sports Volunteer Scheme – develop skills by helping people get active; get involved in sport and physical activity with local schools, sports clubs and charities; or assist at prestigious local sporting events

• Peer support – train to become a student mentor, or to run fun and focused academic sessions for lower-year students

• Green Impact – volunteer on environmental sustainability initiatives at the University

You also have the opportunity to undertake the Manchester Leadership Programme (MLP) which combines volunteering work with an academic unit exploring challenges for leaders in the 21st century, all as part of your degree.

We’re proud that students volunteering via our MLP, Sports Volunteer Scheme and Students’ Union contributed over 60,000 hours of their time to the community in 2014/15 – equivalent to contributing more than £300,000 to the local economy.

We offer various awards in recognition of your volunteering activities, and to celebrate making a difference.

Confront contemporary issues

Whatever you study, you’ll take part in our Ethical Grand Challenges (EGC) programme, which will give you the opportunity to confront some of the most profound ethical challenges of the 21st century and equip you to make a positive difference in the world. You will explore the challenges of sustainability in Year 1, social justice in Year 2 and workplace ethics in Year 3. The EGC programme includes a range of activities such as our Sustainability Challenge which brings students from many different disciplines together, and our annual JustFest event which highlights global social justice issues.

www.manchester.ac.uk/egc

www.manchester.ac.uk/volunteers
The more you give, the more you’ll gain

Daisy Tudor
BSc Midwifery

Taking our Manchester Leadership Programme was a great opportunity to incorporate volunteering experience into Daisy’s hectic degree. By volunteering with Incredible Edible – planting sustainable fruit and vegetables in plots across Manchester as a free source of healthy food for the local community – Daisy has gained much more than gardening skills.

On volunteering and my degree

“Midwifery is so immersive that it can take over your life a bit. I knew I wanted to do something else. And Incredible Edible has a strong link with public health. During placements I often receive feedback from women saying that they find fruit and vegetables too expensive. Government voucher schemes exist for certain women for fresh fruit and vegetables – but isn’t it better to have free fruit and vegetables growing on your doorstep, without needing to fill in a form?”

On the social side of volunteering

“Doing volunteering I’ve met students from completely different degrees, as well as different countries like Malaysia, China and Singapore. Learning more about different people and cultures has been so exciting and enriching.

On making a difference

“We work with a lot of members of the community, too: people in Fallowfield who pop out of houses, don a T-shirt and come to help. It’s good for them to see students doing something positive for the community – and it’s great for my communication skills to work with so many different people.”

On volunteering and career development

“Midwifery is all about leadership and how to communicate with other people – working as a team, which I do all the time in my volunteering work. And you never know what new skills you’re going to learn. I never thought that signing up to plant bulbs would give me skills in marketing, but I’ve just produced my first promotional YouTube video for Incredible Edible, which was a big learning curve – and a great opportunity to learn a new skill.”

On volunteering opportunities at Manchester

“A lot of people may say they don’t have time to volunteer, but there are so many different opportunities available at Manchester that you can always find something to fit around your schedule. I’d wholeheartedly recommend it. Volunteering is really addictive – and it’s really, really good fun.”
Industrial experience

Get ahead in the world of work with an industrial placement. Thanks to our close contacts and research collaborations with many companies and major employers, we can offer you a wide variety of opportunities in destinations across the region, the UK and the world.

Look for this symbol
Subject areas marked with this symbol in the Courses section of this prospectus offer courses with industrial experience.
Benefits of industrial experience

- **Get a foot in the door** – some of our placement students make such a positive impression that they are offered a position after they graduate
- **Network** – making personal contacts in your field can be invaluable for finding jobs and getting support in your career
- **Develop transferable skills** that employers want, demonstrating that you can apply your academic knowledge to the working environment
- **Many placements allow you to earn as you learn**

Examples of placements

- **Year in industry** – many subject areas at Manchester offer degree courses that incorporate a full year spent working in industry
- **Work experience as part of an optional course unit** – many courses allow you to take interdisciplinary course units run by our University College as part of your degree, some of which include hands-on experience working in industry or in the community (see p22).
- **Extracurricular placements and internships** – our Careers Service regularly advertises industrial placement and internship opportunities that you could take outside of your degree – and can offer you excellent advice and support on approaching companies directly to secure work experience

“Follow my placement I focused my studies better, gained a further internship and won a place in the graduate schemes of both Rolls-Royce and the Romanian Ministry of Transportation and Infrastructure. I would say my placement had quite an impact.”

Bogdan Termegan, MEng Aerospace Engineering with Industrial Experience
Placement: Engineering Trainee – Aerothermal Methods, Rolls-Royce

“I got the opportunity to work for a great British brand. I learnt all about the business and I had the opportunity to travel, meet suppliers, take extra training courses and develop my professionalism. Seeing new parts that I had worked to develop being made and fitted to a car gave me a huge sense of achievement.

“I feel a lot more business-aware and ready for moving on to industry after I complete my final year. I even have a possible graduate position, which lightens the workload in terms of job applications while studying.”

Natasha Harding, MEng Materials Science and Engineering with Industrial Experience
Placement: Materials Development Engineer, Bentley Motors Limited

“Helping to facilitate a forecasting workshop with AstraZeneca was a fantastic experience: I spent two days sharing a boardroom with a high-level commercial and medical team. Despite my junior status, I felt well respected.

“The skills and knowledge of health-care markets that I have developed have allowed me to present myself as a life scientist with experience working in a commercial function. This gives me something that very few life sciences graduates can claim and makes me closer to the complete package that large pharmaceutical companies are looking for in their employees.”

Tom Morrish, BSc Biochemistry with Industrial Experience
Placement: Research Associate, Complete Clarity (now Double Helix Consulting)

“The feeling of accomplishment I got by spending a year in industry took the confidence a university degree offers to a whole new level. Beyond my technical skills – which gained structure and depth – I learned how to organise and evaluate people, and what challenges can occur when large teams work together for a common goal. You simply cannot learn that in class.

“Following my placement I focused my studies better, gained a further internship and won a place in the graduate schemes of both Rolls-Royce and the Romanian Ministry of Transportation and Infrastructure. I would say my placement had quite an impact.”

Bogdan Termegan, MEng Aerospace Engineering with Industrial Experience
Placement: Engineering Trainee – Aerothermal Methods, Rolls-Royce

[www.manchester.ac.uk/placements](http://www.manchester.ac.uk/placements)
Campus life
University Place

As well as being a hub for major University events, this central building houses the Atrium, a one-stop shop for student enquiries. Drop by for useful advice on how to boost your employability, manage your money, study abroad and much more – or enjoy some quiet study time on a comfortable sofa.

Campus life

Cosmopolitan campus

Reaching into the heart of Britain’s number one student city, our friendly, self-contained campus brings together a multicultural community of nearly 40,000 students from 160 countries to study, relax and get involved in university life. We’re in the process of a massive £1.75 billion transformation, enabling the evolution of our campus into an optimum and sustainable learning environment for world-class students.
Whitworth Building

The most iconic of our historic Victorian buildings is at the heart of our campus. You’ll use it as a landmark when you first arrive – and to mark your achievements when you graduate in the grandeur of Whitworth Hall.

www.manchester.ac.uk/historic-buildings
Campus life

Students’ Union building
Home to the UK’s biggest students’ union, with hundreds of student societies, an independent advice service, shops, a cafe and a bar offering student-friendly prices.
www.manchesterstudentsunion.com

The University of Manchester Library
One of only five National Research Libraries in the country, this is also one of the UK’s best-resourced academic libraries, with more than 4 million printed books and manuscripts and more than half a million electronic items. A further nine specialist libraries are conveniently located across campus. The Main Library will be undergoing a major redevelopment between 2016 and 2019 in order to significantly improve facilities.
www.manchester.ac.uk/library
Alan Gilbert Learning Commons
Manchester students helped to design every aspect of this ultra-modern study space, from the interior design to a host of student-centred services, and from sustainable lighting to the flexible use of learning pods and media screens for group study and independent learning. Open 24/7 during term time.
www.library.manchester.ac.uk/learningcommons
Jodrell Bank Observatory

Located in the heart of the Cheshire countryside, it’s well worth visiting this University asset to explore the wonders of the universe – and the work of Manchester astrophysicists and engineers.

www.jodrellbank.net
Whitworth Art Gallery
Also part of the University, one of the city’s premier art spaces is based in nearby Whitworth Park. Since its spectacular £15 million refurbishment and re-launch in 2015, it has won a RIBA National Award for its distinctive architecture and the Art Fund Prize for Museum of the Year – the largest arts award in Britain and the biggest museum prize in the world.
www.manchester.ac.uk/whitworth

Manchester Museum
Explore ancient worlds and an ever-changing array of exhibitions at our own museum on campus.
www.manchester.ac.uk/museum

IT facilities
You’ll find more than 3,000 PCs and widespread free WiFi around campus. You can also join the international eduroam network for quick and easy access to WiFi facilities at other participating institutions as well as Manchester.
www.manchester.ac.uk/it/services/students

Martin Harris Centre for Music and Drama
Our primary performance space for contemporary and classic music, drama, comedy, literature and more.
www.manchester.ac.uk/martinharriscentre

Gilbert Square
Next to the Learning Commons, this green space is a favourite spot for relaxing, reading and even enjoying a picnic in summer.
Manchester Academy
You’ll be hard pressed to think of many major music acts that have not played at our four venues. From Foo Fighters to Kylie, Prince to Lady Gaga, we’ve had them all, and we continue to fill our venues with a fantastic selection of the best music the world has to offer.
www.manchesteracademy.net

Armitage Sports Centre
Located in Fallowfield and the heart of sport at the University, facilities include an air-conditioned fitness suite with free-weights area; double sports hall suitable for badminton, basketball, cricket, netball and volleyball; squash courts; floodlit five-a-side football pitches; full-sized floodlit artificial turf pitches; grass pitches; and all-weather tennis courts.
www.manchester.ac.uk/armitnessports

Sugden Sports Centre
In among the academic buildings, this is the ideal spot to drop in for a workout or fitness class between lectures, or compete in an organised sport activity. This is one of our four main sports sites and provides a fully equipped fitness suite, indoor courts, outdoor pitches and dedicated rooms for activities such as circuit training and t’ai chi.
www.sport.manchester.ac.uk/facilities

Manchester Aquatics Centre
Built for the 2002 Commonwealth Games, this is one of the UK’s biggest and best swimming facilities, and features two 50-metre pools, a diving pool, fitness suite and dance studio for fitness classes.

Holy Name Church
Just one of the many places of worship that you’ll find for major faiths within and around our campus, as well as dedicated multi-faith areas reserved for quiet prayer and reflection.

Well-being rooms
A dedicated space in the Simon Building to focus on personal well-being. Activities such as yoga and mindfulness workshops take place in the purpose built studios and there is also a chill-out room available at all times.

Find out more
www.manchester.ac.uk/university
John Rylands Library
Part of The University of Manchester Library, this beautiful neo-Gothic building is home to one of the world’s finest collections of rare books and manuscripts – including first editions of Shakespeare’s plays, the earliest surviving fragment of the New Testament, and a copy of the world’s smallest book.
www.manchester.ac.uk/library/rylands
Accommodation for all tastes

For most of you, Manchester won’t just be your next stage of education; it will be your new home for the next few years. Our diverse University accommodation offers something for everyone, including catered and self-catered, traditional and modern options.

Our accommodation guarantee
We guarantee you a place in University accommodation if you are:
• a new first-year undergraduate student coming to live here by yourself (even if you already live in Manchester);
• an international (non-EU) student, in any year of study.

We encourage conditional offer holders to apply as soon as possible, and you must submit your accommodation application by 31 August. You must also have met the conditions of your academic offer by 31 August.

Find out more about how and when to apply: www.manchester.ac.uk/accommodation/applications

Hall life
Halls are self-contained communities, some with their own bars, common rooms and social activities, so they are an ideal place to make new friends.

All halls have single bedrooms with an Internet connection.

In self-catered halls you share a kitchen and sometimes a living room with other students. Some halls offer en-suite facilities while others have shared bathrooms.

Most of our halls are based in one of the following three areas:
• City – close to the city centre and at the heart of our teaching campus
• Victoria Park – a nearby leafy suburb about a mile (2km) from campus
• Fallowfield – a vibrant, mixed residential suburb less than two miles (3km) from campus

Find out more about individual halls: www.manchester.ac.uk/accommodation/search
Accommodation locations

Typical room plans*:

- Shared kitchen / living room
- Study bedroom with washbasin
- Study bedroom with en-suite
- Study bedroom

*Please note that, due to the diversity of halls, these are indicative floor plans only.
Accommodation fees
Costs vary depending on facilities, but sample 2015/16 prices are:

<table>
<thead>
<tr>
<th>Accommodation type</th>
<th>Cost per week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single self-catering bedroom; shared facilities</td>
<td>£104</td>
</tr>
<tr>
<td>Single self-catered bedroom; en-suite facilities</td>
<td>£132</td>
</tr>
<tr>
<td>Single bedroom in a catered (meals provided) hall</td>
<td>£135</td>
</tr>
</tbody>
</table>

Special requirements
If you’ve got any special needs that may affect your accommodation requirements, such as a disability, medical condition, or any specific dietary requirements, get in touch as soon as you know you’re coming to Manchester, and we’ll do our best to help.

Family accommodation
We have a very limited supply of accommodation for students with families. Unfortunately, demand exceeds supply, so we cannot guarantee this type of accommodation. Contact us to discuss your needs and we’ll try our best to help.

Private accommodation
If you don’t want to live in halls, contact Manchester Student Homes – the best source of information and advice on privately rented student accommodation in Manchester.

- Students Living at Home Society;
- transport buddy system;
- day trips and networking events;
- Mature Students’ Society.

Living at home
If you choose to live at home while you study at Manchester, you’ll still have plenty of opportunities to get involved in student life. Our Students’ Union services for students living off-campus include:

- Students Living at Home Society;
- transport buddy system;
- day trips and networking events;
- Mature Students’ Society.

Residents’ Associations and Junior Common Rooms
All our University halls of residence have a Residents’ Association (RA) or Junior Common Room (JCR), supported centrally by our Students’ Union.

As a hall resident you are automatically a member of your RA or JCR and your membership fee is included in your rent. This fee goes into a fund that is used to run social events, trips and sporting activities for all residents, making University accommodation a more supportive and sociable place to live.

A committee of students is elected every year to organise these activities and represent their fellow residents. Elections usually take place in October and are a great opportunity to get stuck into hall life straight away.

Find out more
- e: accommodation@manchester.ac.uk
- t: +44 (0)161 275 2888
- www.manchester.ac.uk/accommodation
Life in a catered hall in Fallowfield

Isabella Cohen
BA History of Art

Isabella lives in Ashburne Hall – a small, catered hall of residence at the heart of our Fallowfield campus.

On Fallowfield
“Fallow field is definitely the number one choice for most students. I love living here; it has a great social culture, but Ashburne also has a more studious side, which is the perfect balance for me.

“Everything’s really accessible, especially by bus. And Fallowfield has some nice little indie cafes and bars. I love the Fallow Cafe: amazing food, really good coffee and cheap drinks.”

On Ashburne Hall
“It’s really friendly here. Everyone knocks on people’s doors when they’re going out, and invites you to join whatever they’re up to. We also have a monthly formal dinner, where everyone dresses up for a four-course meal.

“Ashburne is super-historic. I love the building; even the dining room is beautiful.”

On settling in
“Everyone was really helpful when I arrived and advised me on places to go to furnish my room, where to go for things like lamps, etc. And the JCR – they organise all our hall events – they made Welcome Week so much fun. They helped to mentor everyone, so everyone knew what and where to go. It was easy to meet and talk to lots of people, as there was something on every night and every day.”

On catered accommodation
“I much prefer catered to self-catered accommodation. It’s my first year here and I’m still trying to figure out my schedule, so having a set mealtime is helpful. Having to wake up for breakfast at 8am also helps get me out of bed and going for the day! Cooking – and shopping for cooking – takes up time that you would otherwise have to study, or socialise.”

On support
“The JCR is really active in our hall; I’m now its international rep. We run quizzes and formal dances throughout the year.

“I also really like how secure the building is. You have to swipe your card twice just to get into the building, so I feel more than comfortable here.”
Life in a self-catered hall in Victoria Park

Nathan Eldridge
BA Management and Leisure


On Victoria Park
"My three favourite things about where I live are the location, the peacefulness and the convenience. I’m near to Fallowfield and to the University, so I can go quickly to either. I can have a night out, or I can stay in and never struggle to get to sleep. And we’re close to a nice row of shops: there’s a Lidl, a Tesco, a Morrisons, and a big Asda round the corner."

On Opal Gardens
"I really like our common room: it’s a good place for everyone to meet up, have a drink, play table tennis, watch sport or a movie. The en suites are also extremely useful. For a decent price you’ve got very good facilities."

On settling in
"I’m part of the Residents’ Association committee. We run events to encourage people to meet each other and have a bit of fun: a free pizza night, club nights, ice skating, paintballing. It’s busy, but it’s nice to give something back – and benefit myself!"

On self-catering
"I assumed I’d be eating pasta and noodles all the time – but I’ve quickly realised that I can actually cook simple things like stir-fries, pizzas, ribs, steak. I’ve probably been eating better here than at home! It’s just a question of adapting, learning and finding time to cook. I have a flatmate I get on really well with and we cook together. He’ll cook the pasta, I’ll cook the sauce – it’s quicker, more fun and cheaper."

On support
"There’s a great maintenance team – if anything happens like a light bulb going, you can register the problem with an online system and they will sort it out as soon as possible. "We also have hall tutors and a hall warden who can offer help if needed."
The hub of student life

The University of Manchester Students’ Union is the biggest (and, as many members say, the best!) in the UK – so we’ve certainly got a lot to offer you. Our students have found friends, hobbies, employment, inspiration, new skills, memorable adventures, practical support and career-boosting experience through our Students’ Union.

Activities for all
Join students who share a similar interest, culture or course to you, try a new hobby, or propose your own idea for a club.

- **460+ student societies** – everything from politics to performance, campaigning to gaming, dancing to scuba diving
- **Job opportunities** – 275 student staff currently work at the Students’ Union
- **Project support** – the Students’ Union supports any student-led project that tackles some of the barriers to university access and participation and helps some of the most vulnerable groups in Manchester

Manchester has some of the UK’s best student media, including an award-winning newspaper, radio station and TV channel.

Support

- **Advice service** – speak to a trained professional about any academic, housing, financial or well-being issues you may have
- **Student representation** – have your opinions heard by the University on various issues via the Students’ Union, or train to become one of our 1,300+ student and halls of residence reps

Making a difference

- **Charitable fundraising** – Manchester RAG (Raise and Give) is one of the largest student fundraising groups in the country and raised £219,000 for local, national and international causes in 2014/15
- **Student volunteering** – Student Action runs weekly volunteering projects and one-off events helping people in the local community

www.manchesterstudentsunion.com
Getting involved and getting ahead

Emrana Khatum
BA Geography

To say Emrana has got stuck into university life is an understatement. She’s heavily involved in student societies and activities, and obviously thrives on it – she’s even setting up her own society. The skills and experience she’s gained have given her the edge when applying for internships, and she’s met some of her best friends along the way.

On what I’m involved in

“Last year I belonged to RAG as the publicity officer – I did all the digital marketing, graphic design, social media and photography. I also got involved with fundraising activities and wore a moustache for charity in November – for the whole month! I raised the most money out of everyone in Manchester, which was great – and fun!

“I’m also the marketing coordinator for Enactus and I’m making a video for them at the moment. I rebranded the society and we got the most sign-ups at the Welcome Fair.

“I’m vice-president of AIESEC, which is more of an international society – we send students on volunteering internships abroad. Through that I got to meet loads of new people – people from all over the world, which is fantastic.”

On setting up my own society

“I’m also currently setting up my own society – TEDx at The University of Manchester. We want to put on conferences throughout the year based on students’ interests, so we’re really excited about that. It’s taking quite a long time to set up but hopefully we’ll be up and running soon.”

On why I do it

“After my first year I felt like I wanted to do more than just my course at University – so I just got involved! At first I felt a bit like a small fish in a big pond, but now I feel like I’m really making a difference. It’s really nice to be helping people.

“I think the highlight of being involved in so many societies is the fun you have – and the people you meet. I’ve made some of my closest friends through societies.”

On why it’s important

“University is more than just getting a grade. I don’t think you’ll get the most out of University if you just do your degree – you need to get involved in other things. I feel like I’ve got some of the best experience through societies, and when you apply for jobs it really helps – I got my internship because of the experience I’d got through RAG. The skills you pick up make you so much more employable.”

www.manchester.ac.uk/emrana
Getting active

Study is important, but so is having some downtime, and physical activity is a great way to clear your head, meet new people and set yourself fresh challenges. At Manchester you’ll find a huge variety of sport and well-being programmes and facilities to suit everyone.

Keen sports pros
Compete and excel with fellow athletes in your sports field of choice.

- **42 sports clubs for 37 sports** – weekly training with great coaches and matches in the British Universities and Colleges Sport (BUCS) leagues
- **357 teams in campus leagues** – weekly competitions against other Manchester students across five sports
- **Sport Scholarship funding** opportunities for elite athletes at junior international level, including training and personal support

Manchester finished **17th out of 145** institutions in the BUCS League 2014/15 and several teams compete in their sports premier league.

Casual players
Keep up your sport or try something new in a relaxed, sociable environment.

- **Hall sport** – 40+ hours of free sport in or close to University halls of residence
- **Sporticipate** – more free activities delivered around campus throughout the week
- **SU sport** – 40+ sports societies at our Students’ Union

Major University sports centres both on campus and near student accommodation in Fallowfield give you convenient access to fully equipped fitness suites, outdoor multi-use courts, five-a-side pitches, squash courts, sports halls, and multi-activity rooms. There’s also **Manchester Aquatics Centre**, one of the UK’s biggest and best swimming facilities, on campus.

Non-competitive novices
Resist the couch potato lifestyle: get active and get something different on your CV.

- **80+ casual classes** – from aerobics to zumba
- **Saturday morning park runs** – join 200+ runners every week
- **Group campus walks** – get active while getting to know your campus

Football fanatic? You’ll find the **largest intersociety soccer league in the country** at Wythenshawe Sports Ground, along with 26 full-sized football pitches.

www.manchester.ac.uk/sport
Always studying? On your bike!

Rebecca Baraona
BEng Civil Engineering

The presence of both a reputable engineering department and a popular student cycling society convinced elite mountain biker Rebecca to apply to Manchester. Since then she’s been president of the cycling society, secured a scholarship to help fund her course and sport, and gained a First in her first-year exams. Here Rebecca gives her thoughts on various aspects of Manchester student life.

On sport and study
“Sport gives you a release; you can forget about university and any stresses you have. When I’m on my bike I don’t think about anything else. It’s pretty addictive – like most sports, when you find the right one. I think it really helps my studies, too, having that relaxation time.”

On sport at Manchester
“Manchester is great for sports. North Wales is really close, and the Peak District is right on our doorstep; lots of outdoor societies use it for kayaking, walking and running as well as cycling. In the city, student facilities are great – the Sugden Sports Centre has everything you need.”

On Manchester’s Sport Scholarship
“It’s allowed me to do a lot of proper training, which I wouldn’t otherwise do. I wouldn’t be able to afford gym membership, let alone power sessions with a personal trainer or physiotherapy – all of which the scholarship provides me with. I’m hoping to see a real difference in my performance as a result.”

On balancing sport with study
“The sports department helps me set goals for both sport and my studies. I want to get into the world top 20 and UK top three for mountain biking, but I don’t want my degree to suffer – that’s why I’m at uni, after all. They do whatever they can here to help your sport fit with your degree and vice versa.”

On my highlight of Manchester student life
“Getting voted president of the cycling club was a real highlight. I was so new to the club, it was cool to know that everyone was happy for me to run it. It feels like I’m in a little family. That and getting a First in my first year felt like ‘job done’ for me, it was really satisfying. And being able to get out on my bike as much as possible. As soon as I finish lectures today, I’m pedalling home and getting my mountain bike out. I can’t wait!”

www.manchester.ac.uk/rebecca
We want our students to be the very best they can be. That’s why we offer experienced, specialist support services to boost your academic, personal and professional development, and help you enjoy Manchester student life to the full.

**Careers Service**
Manchester graduates are well known for their employability. Whether you have a fixed career path in mind or are open to various future options, at Manchester we encourage you to incorporate career development activities into your student life and degree from day one. That’s why our Careers Service offers you:

- practical skills-development courses and workshops to boost your capabilities and commercial awareness;
- help securing part-time jobs and volunteering work to develop your professional skills and CV;
- support securing internships and placements to give you a head start with employers;
- an online vacancies and events database used by thousands of employers;
- professional career guidance consultants providing tailored advice via face-to-face appointments, phone and email;
- one-to-one career mentoring with experienced professionals from all sectors;
- regular career fairs, presentations and workshops where you can meet, learn from and network with potential employers;
- news, information and events via our comprehensive careers website and social media channels.

[www.manchester.ac.uk/careers](http://www.manchester.ac.uk/careers)

Exclusive to Manchester students: My Future – Next Steps questionnaire generates a report highlighting what action you can take to prepare for career success.

**Library services**
Print and digital resources are essential for academic study, and at Manchester we have one of the best-resourced academic libraries in the country. Specialist services include:

- 11 library sites across campus, all with free WiFi
- group study rooms and 24-hour study spaces
- access to special collections, including rare books, manuscripts and archives

[www.manchester.ac.uk/library](http://www.manchester.ac.uk/library)

**IT services**
As well as all the basics, such as an email account and file storage space for your work, at Manchester you’ll have:

- podcasts of lectures and other audiovisual learning resources, helping you replay and revise
- Internet access in your room in all University-owned halls of residence
- dedicated IT support, including a 24/7 telephone helpline

[www.manchester.ac.uk/itservices](http://www.manchester.ac.uk/itservices)

**Blackboard** is our virtual learning environment, where you’ll find plenty of resources for your course that you can access online, or via our iManchester mobile app.
A slice of success

Kush Bhatia
BSc in International Business, Economics and Finance

Having approached the University Careers Service for advice on applying for a summer internship, Kush landed a job working on a research project in the US – tasting pizza. The Careers Service helped him with his CV and supported him through the application process.

On my summer internship

“I spent my summer break in the USA as part of an internship I secured through the Careers Service. It was a research project looking into the different styles of pizza across the US, so I got to eat a lot of pizza! It was really good fun. It was a long process, with the application and interviews, but it was definitely worth it.”

On careers support

“I met with a careers adviser when I was applying for my internship. She really helped me with my CV – adding some things and removing others, creating a bespoke CV for the employer. I’d rate the support five out of five – they were really helpful. Even once the internship had started, they still kept in touch and really helped me.

“I think the Careers Service is really important – eventually all students have to make a decision about what they want to do after university. The Careers Service guides you through the process of finding the right job for you.”

On other ways to boost my CV

“I fundraise for Unicef through the Indian Society of Manchester and I volunteer for Hindu festivals. Not only are these great ways to make new friends, but they’re an added benefit to your CV. I enjoy volunteering – it’s really fun.”

www.manchester.ac.uk/kush
**Campus life**

**Personal support**
At Manchester you’ll always find a sympathetic ear for any problems, along with confidential advice and practical support where needed. You can speak to:

- your personal academic adviser
- trained University counsellors
- 24/7 pastoral care teams based in University accommodation
- independent professional advisers in our Students’ Union
- our anonymous telephone helpline (Nightline) run by students for students

**The Atrium** is our one-stop shop for student enquiries. Drop in to chat to specialist advisers about careers, managing money, international programmes, volunteering, admin support and general well-being – anything and everything to help you make the most of Manchester.

**Disability support**
If you have additional needs arising from a medical condition, physical or sensory disability, specific learning disability such as dyslexia, or a mental health difficulty that affects your study, we can provide support. See our website or contact our Disability Advisory and Support Office for details.

Contact or visit our Disability Advisory and Support Office before you apply, to discuss your needs and support available. See p67.

**Personal safety**
Our security services, systems and practical safety advice ensure that our campus and accommodation are areas of low crime. You’ll benefit from:

- CCTV and 24/7 security services across campus and University accommodation
- practical safety advice and support from University staff and Greater Manchester Police

**English language support**
You need a high standard of English to study at Manchester. Some international students, even if they meet our entry requirements, may find they benefit from extra English language support during their degree. We offer:

- extended periods of English language tuition available throughout the year to help you achieve your study goals
- support classes on academic writing, academic speaking and listening, pronunciation and grammar
- language testing service with recommendations on results

Need help meeting our English language entry requirements? Our University Language Centre runs courses and tests that you can take before you start your studies with us. See p66.

**Childcare**
Studying while caring for dependants can be a challenge. That’s why we offer:

- two nurseries near campus where your children (aged between six months and five years) can be cared for – get in touch early to join a waiting list;
- a parents and carers network run by the Students’ Union, plus further advice and support dedicated to your needs.

**Religious support**
If you want to find out about local faith organisations, explore issues of faith, or discuss a problem with a member of your faith, our diverse community can help. We have:

- chaplaincy centres on campus for Anglican, Baptist, Jewish, Methodist, Roman Catholic and United Reformed Church worship
- links to more chaplaincies for other faiths, and multi-faith areas for quiet prayer and reflection
- student societies for most major religions at our Students’ Union

We want you to enjoy a positive learning environment that is free from discrimination, bullying, harassment or victimisation, where you’ll be treated with respect and dignity irrespective of your age, disability, ethnicity, gender, gender reassignment status, marital status, nationality, religion or belief (including lack of belief), or sexual orientation.

To find out about more about our values, practices and policies surrounding equality and diversity issues at Manchester, visit: www.manchester.ac.uk/connect/jobs/equality-diversity

www.manchester.ac.uk/student-support
Inspirational spaces

Pierre Lee
BA Geography

From the splendour of the University’s historical John Rylands Library to the campus panoramas and laidback culture in the innovative Alan Gilbert Learning Commons, Pierre finds inspiration in the impressive study facilities we offer at Manchester. The wealth of online library resources opens up a world of possibilities for him – as well as too many browser tabs!

On the Alan Gilbert Learning Commons

“The Learning Commons is a representation of what Manchester really offers: something that’s open, exciting and accessible, but also practical and useful as well. The rooms at the Learning Commons offer beautiful views if you need somewhere for a society or project meeting, and you can book them in advance.

“It’s a really relaxing area to study and it’s open 24 hours a day during term time. The printers there are really useful for things like presentation documents, reports and notes. It’s also a nice place to work with friends – you can bring drinks and snacks.”

On the best place to study

“My favourite place to study is the John Rylands Library on Deansgate, for sheer magnificence and grandeur. It’s great when you feel like a change from the University campus. The feel of the place, the mystery and the beauty really add to the atmosphere – it’s inspiring. For something a bit cosier, there are lots of nooks and crannies inside the Main Library. I also really love my department’s library.”

On other library resources

“One of the great things about Manchester, and one of the advantages of being part of this generation, is that you don’t actually have to go to the library if you don’t want to; and you don’t have to go through dusty old archives! Sometimes you just want to stay at home – you can access library holdings online, which are free to all students.

“The beauty of the online resources is being able to explore subjects further through recommended articles – at the end of an hour I end up with 20 open tabs on my laptop! The sheer number of articles available inspires me – there are almost no limits to how far I can explore.”

On inspiring study spaces

“In the study spaces there’s a vibe – people thinking, having meetings, people having a break, leaning back and listening to music. It’s the spaces, the resources and the people around me that inspire me. They create an atmosphere that’s almost unique to libraries and museums – spaces of exploration.

“All around you can see people who are being inspired. Who knows what they might be doing to change the world in the future?”
Manchester
Manchester

Britain’s most popular student city p56
Events calendar p62
Meet Britain’s most popular student city
CULTURE
Visit the University’s Manchester Museum, the Whitworth, John Rylands Library and Martin Harris Centre – plus there’s MOSI, the Imperial War Museum North, the Lowry, Manchester Art Gallery and much more to discover.

BRIDGEWATER HALL
The iconic base of the Halle, the oldest and (we think) best symphony orchestra in the UK, and the fourth oldest in the world.

MUSIC
Manchester’s heart pulsates to a wide range of musical beats. Venues large and small – including four at our own Manchester Academy – welcome some of the world’s most famous bands, DJs and club nights, alongside plenty of up-and-coming talent.

FASHION
Brilliant British designers, established world brands and independent one-offs all strut their stuff on Manchester’s streets – and in the Trafford Centre, the UK’s second largest shopping centre.
ARCHITECTURE

From the Victorian splendour of Manchester Town Hall to the 21st-century skyscraper Beetham Tower, you’ll find many eye-catching buildings to explore.

“"The fact that The University of Manchester is located in one of the most vibrant and lively cities makes it stand out from the rest. You get the city life, but at the same time you can savour decent tranquillity. It achieves optimum balance between a hectic and laid-back lifestyle. It’s perfect.”

Diane Ng, LLB Law

NORTHERN QUARTER

The city’s official indie zone, with unique shops, cafes, bars and a variety of creative and quirky enterprises.
BEAUTIFUL GAME
Home to two of the world’s most famous football clubs – Manchester United and Manchester City – the city is also the birthplace of the first ever professional football league, formed in 1888. Learn more in the city’s National Football Museum.

SPORT
With Lancashire Cricket Club, Team GB’s National Cycling Centre, the National Squash Centre, some of Europe’s best rugby league clubs and the UK’s longest indoor ski slope in and around the city, you’ll find more to do – and watch – than football.

“I came here because I fell in love with the city. The social life in Manchester is absolutely brilliant, and with three universities there’s always a fantastic mix of people.”

Emily Hughes, BA (Hons) Criminology
REVO LU T IO N
Manchester is at the heart of historic movements that changed the world: from industrialisation to Marxism, trade unionism to vegetarianism, and consumer cooperatives to the suffragettes.

TRANSPORT
The University campus is handily placed on Europe’s busiest bus route, plus plenty of trams, trains and taxis will help you get around.

CUISINE
Sample cuisines from every corner of the world, with dining options for all budgets. Rusholme’s Curry Mile near the University is a famous student favourite, but there’s plenty more to discover.

“I like the city’s multiculturalism, especially the international food markets. Manchester is a walkable city, but with all the advantages of a big city: entertainment and sport facilities, a wide range of pubs and unique restaurants. There’s plenty for everyone.”
—Norman Ishak, MEng (Hons) Mechanical Engineering with Management
Perhaps the best way to appreciate our city’s enduring energy and cosmopolitan creativity is via its impressive array of festivals, covering art, music, food, comedy and much more.

**September**

**Manchester Food and Drink Festival**
Consume gourmet delights from across the city – and the world.
www.foodanddrinkfestival.com

**Pangaea**
Join fellow students at the academic year’s first all-night party event.
www.pangaeafestival.co.uk

**October**

**Manchester Literature Festival**
Witness contemporary prose and poetry brought to life.
www.manchesterliteraturefestival.co.uk

**Manchester Science Festival**
Celebrate and experiment with our scientific past, present and future.
www.manchestersciencefestival.com

**November**

**Doki Doki Festival**
Discover traditional and modern Japan at this biennial cultural event.
www.dokidokifestival.com

**December**

**Christmas Markets**
Balance festive gift-shopping with glühwein and bratwurst.
www.manchester.gov.uk/christmasmarkets
March

**Irish Festival**
With music, sport and comedy, St Patrick has more than a day in Manchester.
www/manchesterrishfestival.co.uk

**¡Viva! Spanish and Latin American Film Festival**
Enjoy the very best of Hispanic cinema.
www.homemcr.org

April

**Manchester Duck Race**
Buy your own rubber duck to compete in this annual race down the River Irwell. Yes, really.
@mcrduckrace

**Future Everything**
Explore the cutting edge of digital culture, art, music and performance.
www.futureeverything.org

May

**Dot To Dot**
Discover the nation’s hottest new music talent.
www/dottodotfestival.co.uk

**Great Manchester Run**
Get off the couch and onto the streets at Europe’s biggest 10k running event.
www.greatrun.org/manchester

**Grillstock**
Meat and music mingle at this annual BBQ festival.
www/grillstock.co.uk/manchester-festival

June

**Manchester Day**
What’s so great about Manchester? This day will show you.
www/manchesterdiday.co.uk

**Parklife Weekender**
Catch the tram to music, theatre and more in Heaton Park.
www/parklife.uk.com

July

**Manchester Mega Mela**
Join in the North of England’s largest celebration of South Asian culture.
www/manchestermela.co.uk

**Manchester Jazz Festival**
Hear global favourites and new talent improvise with the beat.
www/manchesterjazz.com

**Manchester International Festival**
Witness culture, creativity and world premieres at this biennial event.
www/mif.co.uk

**Greater Manchester Comedy Festival**
Get your giggle on with live stand-up, performances and more.
www/greatermanchesterfringe.co.uk

August

**Manchester Pride**
Celebrate one of Europe’s biggest and most flamboyant LGBT festivals.
www/manchesterpride.com

**Dig The City**
Browse gardens, events and presentations at the city centre’s urban garden festival.
www/digthecity.co.uk

January

**Manchester Beer and Cider Festival**
Sample a very British beverage in the industrial splendour of Manchester Central.
www/mancbeerfest.uk

February

**Chinese New Year**
Discover dragons, dim sum and more in Europe’s third largest Chinatown.
@cny_mcr
Next steps
Next steps

Applying to Manchester  p66
Planning your finances  p68
How we assess your application  p72
How to apply
You must apply for your preferred course/s via UCAS. For full details, visit: www.ucas.com

For places on courses starting the following September 2017 (except Medicine and Dentistry), submit your application to UCAS between:
- 1 September 2016 and 15 January 2017 (home students)
- 1 September 2016 and 30 June 2017 (EU/international students)

For places on Medicine and Dentistry courses, submit your application between 1 September and 15 October 2016.

If you submit your application before the relevant closing date, it will be considered equally against the stated entry requirements and in the context of the number of available places. We only consider late applications for courses where places are still available.

Our UCAS code is M20 MANU.

Meeting our entry requirements
Our entry requirements ensure you are suitably prepared to complete your course at Manchester.

Whichever course you choose, you should be able to demonstrate a broad general education, including acceptable levels of literacy and numeracy equivalent to at least grade C in GCSE English Language and Mathematics.

Entry requirements vary from course to course. For some courses, compulsory subject requirements may apply.

You’ll find basic entry requirements for each course in the A-Z course index at the back of this prospectus; however, for full and detailed entry requirements, please search for your course on our website, or in the UCAS entry profiles:
- www.manchester.ac.uk
- www.ucas.com

English language requirements
At Manchester we deliver our teaching, assessment and student support in English. You therefore must be able to demonstrate your proficiency in written and spoken English to the general standard that we require, and to the specific entry requirements of the course you are applying for. If you need a Tier 4 visa to study with us, you must also meet UK Visas and Immigration’s English language requirements.

For admission to most of our courses, you will need at least GCSE English Language (grade C or above), or an International English Language Testing (IELTS) average score of 6.0 with a minimum score of 5.5 in each component. For more linguistically demanding courses (eg Law, Business and Management and Medicine) our requirements are higher.

As well as GCSE English language and IELTS, we accept a number of different English language qualifications.

To check the acceptability of your qualifications, email our International Development Team: international@manchester.ac.uk

Timing your English language test
If you are an international applicant intending to submit a secure English language test as evidence of your proficiency, please note that certain tests (including IELTS, CAE and PTE) must be taken no earlier than two years before the start of your course at Manchester.
Returning to education

You may wish to begin a degree course after a break from formal study. We will welcome your application – and we recognise that standard selection measures and procedures may not enable you to fully demonstrate your suitability. Our admissions officers will consider alternative evidence in order to give you equivalent consideration. Should they deem this evidence to be acceptable, we may be able to vary our standard academic entry requirements. It is, however, very useful to start a degree course with relevant study skills and knowledge, and many subject areas require evidence that you have recently engaged in formal study.

Applicants with additional support needs

We welcome applications from individuals with additional support needs arising from a long-term medical condition, disability, mental health difficulty, or specific learning difficulty, such as dyslexia or dyspraxia. We will consider your application on exactly the same academic grounds as other applications.
Student fees
In 2016 we charged UK and EU students a fee of £9,000 per annum for all undergraduate courses.
Remember, you don’t have to pay your fees up front, and UK students can also get a tuition fee loan.

Cost of living
Living in one of the UK’s major cities needn’t be as expensive as you might imagine. Here’s a breakdown of typical student spending in Manchester:
*For catered accommodation (breakfast and an evening meal on weekdays) add approximately £350 to the total.
**Local transport costs may be greater for students living at home, but they will incur no accommodation costs.

Estimated costs over 40 weeks (based on 2015/16 figures)

<table>
<thead>
<tr>
<th>Costs</th>
<th>Yearly cost (academic year, 40 weeks)</th>
<th>Weekly cost (based on 40 weeks)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accommodation (self-catered)*</td>
<td>£4,995</td>
<td>£125</td>
</tr>
<tr>
<td>Meals (excluding meals out)</td>
<td>£1,525</td>
<td>£38</td>
</tr>
<tr>
<td>Course costs excluding tuition fees (varies greatly according to degree programme, for example books and equipment)</td>
<td>£420</td>
<td></td>
</tr>
<tr>
<td>Clothes</td>
<td>£400</td>
<td></td>
</tr>
<tr>
<td>Transport (includes local transport and travelling home/visiting friends)</td>
<td>£450</td>
<td>£7.50 for a local weekly bus pass (£300 for a local weekly bus pass for 40 weeks)** £150 for long-distance rail travel</td>
</tr>
<tr>
<td>Other (eg mobile phone bill, socialising, laundry, printing)</td>
<td>£1,600</td>
<td>£40</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>£9,390</strong></td>
<td></td>
</tr>
</tbody>
</table>
Life lessons on a budget

Hannah Watson
MBChB Medicine

Medical student Hannah has worked throughout her degree. She admits that she was a little naive about money when she arrived at university, but having a job during her intensive studies has meant she’s learnt how to budget, manage her time and most importantly – she says – discover the importance of treating herself.

On jobs I’ve had

“During my university holidays I’ve worked as a care assistant in a nursing home, a home help, and, last summer, a summer scheme coach for schoolchildren for the Irish Rugby Football Union.

“In term time, I work at a sports bar here in Manchester at the weekends. I found with bar work it was easier to get shifts that fitted with my timetable. Also, for me, it was a contrast to the intensity of my placement work during the day. I actually find it to be a nice distraction.”

On earning your own money

“It’s a nice thing to know you’ve earned your own money – you feel like you really deserve to go spend it and enjoy it. It also gives you a sense of responsibility and introduces you to the working life you’ll have when you graduate.”

On budgeting

“Before I came to university, I’d not thought about budgeting at all. I think I was very under-prepared. I knew I’d get a student loan and I thought that it would cover all my living costs. I genuinely don’t think I even realised the price of food! When you arrive, you very quickly realise that it’s not so straightforward. You have to start thinking about money in a different way.

“It’s important to be able to manage your budget. You have to realise that rent, bills and things like that need to be accounted for. This is a skill that will help you at university and for the rest of your life.”

On how to save money

“Make sure you shop around. Go to market stalls and look for special offers. Set yourself a weekly budget and try to stick to it, but don’t get too annoyed with yourself if you don’t.

“There are loads of free things to do in the city – I love people-watching! Just walking around there’s amazing architecture and there are always events like food fairs or the markets.

“What I think is most important is to set aside a certain amount for something fun, that you enjoy, such as buying something you really want or going for a night out with friends – that way, you’ll always be happy when budgeting!”
UK government tuition fee loans
UK and EU students can apply for a tuition fee loan from the government that covers the full cost of the tuition fee. All UK and EU students are eligible to for this loan, regardless of household income.

UK government maintenance loans
As well as the tuition fee loan, full-time UK students can apply for a maintenance loan from the UK government to help with expenses such as accommodation, food and bills.

Repayment
You only repay your tuition fee and maintenance loan after you leave university and start to earn enough. Monthly repayments are a set percentage (9%) of your earnings over £21,000 and are related to your earnings, rather than how much you owe in total.

Salaries and typical repayment rates

<table>
<thead>
<tr>
<th>Salary (before tax)</th>
<th>Monthly salary</th>
<th>Approximate monthly repayment</th>
</tr>
</thead>
<tbody>
<tr>
<td>£18,000</td>
<td>£1,500</td>
<td>£0</td>
</tr>
<tr>
<td>£21,000</td>
<td>£1,750</td>
<td>£0</td>
</tr>
<tr>
<td>£24,000</td>
<td>£2,000</td>
<td>£23</td>
</tr>
<tr>
<td>£27,000</td>
<td>£2,250</td>
<td>£45</td>
</tr>
<tr>
<td>£30,000</td>
<td>£2,500</td>
<td>£68</td>
</tr>
<tr>
<td>£36,000</td>
<td>£3,000</td>
<td>£113</td>
</tr>
<tr>
<td>£40,000</td>
<td>£3,333</td>
<td>£143</td>
</tr>
</tbody>
</table>

- If your salary drops below £21,000 at any point, you cease to repay your loan until your earnings rise above this amount again
- Loan repayments will be deducted directly from salary, normally through Pay As You Earn (PAYE)
- Any outstanding amounts will be written off after 30 years

Find out more about UK government support
All of the UK: [www.gov.uk/studentfinance](http://www.gov.uk/studentfinance)
Northern Ireland: [www.studentfinanceeni.co.uk](http://www.studentfinanceeni.co.uk)
Wales: [www.studentfinancewales.co.uk](http://www.studentfinancewales.co.uk)
Scotland: [www.saas.gov.uk](http://www.saas.gov.uk)

Applying for financial support
Fully committed to attracting and supporting the very best students, we believe in entry based on merit, rather than on ability to pay. We’re one of the leading Russell Group universities for welcoming talented students to higher education from less advantaged families and neighbourhoods, and are proud to offer a generous package of financial support.
Bursaries and scholarships
These are awards from The University of Manchester that you do not need to repay. They are in addition to any government support packages that you may also be entitled to.

Full details of our scholarships and bursaries can be found at: www.manchester.ac.uk/scholarships

Our Faculties and Schools also offer scholarships for students on certain courses. Check the course listings on our website for details.

Financial support for disabled students
UK students can apply for Disabled Students’ Allowance to cover study-related disability support. Our Disability Advisory and Support Service (DASS) can help you to apply and can also discuss any alternative sources of funding for your disability-related needs.
www.manchester.ac.uk/dass

Financial support throughout your degree
We don’t want you to worry about money during your time at Manchester. If you run into difficulty or want some advice, you’ll find plenty of support available. The University has a dedicated service to support students in a wide variety of ways.
www.manchester.ac.uk/studentmoneyadviser

In addition, our Students’ Union supported 2,179 students on a range of finance, academic, housing and well-being cases in 2014/15 – and saved them a total of £197,020.
www.manchester.ac.uk/studentfinance

NHS financial support
In the Comprehensive Spending Review (November 2015) the government announced changes to funding for NHS courses including nursing, midwifery and speech and language therapy. At the time of going to print, the detail had not been confirmed but the government has stated that it will replace NHS funding for tuition fees and maintenance with student loans. This will be implemented from September 2017, subject to consultation.

Under the proposal, students would be eligible for a range of means-tested loans, including a specific loan designed to support students on courses that have a longer than average student year.

For more information and to receive updates, please visit:
www.nhsbsa.nhs.uk/students
When we receive your application, we’ll consider it against your course entry requirements. Where places are limited, we offer them to eligible applicants who best meet our selection criteria, and whom our admissions staff judge to have most potential to benefit from the course, and to contribute to the academic School and our University.

Methods of assessing applications vary between courses, but may include your prior and predicted academic achievement, references, personal or supporting statements, interview performance and aptitude tests.

Regrettably, as many of our courses receive several applications for each available place, we cannot offer places to all applicants, even if you meet the academic entry requirements.

Find out more about the selection procedures for each of our courses on our website, or in the UCAS entry profiles: www.manchester.ac.uk www.ucas.com

Fair admissions via contextual data

Our applicants come from diverse educational, professional and personal backgrounds. We consider any exceptional circumstances or personal barriers to learning that you may have faced, and recognise that in some such cases standard selection measures and procedures may not enable you to fully demonstrate your suitability for a Manchester course.

You might come from an area where few people go to university, have attended a school or college that generally achieves lower than average results, be returning to education after a break from formal study or have experienced personal problems at a crucial point in your educational career.

You can flag up such information using what is called ‘contextual data’, or by making such information available through your referee, school or college. Our admissions officers may also contact you directly to request and consider alternative evidence in order to give you fair consideration.

www.manchester.ac.uk/contextualdata

Offers and examination results

An offer of a place on a course at Manchester is subject to you meeting the academic and any other conditions set out in the formal offer from UCAS.

• If you have already satisfied academic entry requirements, it is likely we will make you an unconditional offer

• If you are yet to take examinations, our offer will be conditional upon the achievement of a specified level of performance in your examinations

Receiving an offer

You must be clear about your offer’s terms and conditions. If you are in any doubt, contact the academic School running your course for confirmation before you accept our offer. The School will advise you if you need to satisfy any other requirements (eg passing a criminal records check, demonstrating medical fitness to study and/or practise). www.manchester.ac.uk/receiving-ug-offer

Accepting your place

Accepting a place at Manchester means you agree to comply with the rules and regulations under which our University and students must operate. We will provide you with details of these when we make you an offer.

The principles underpinning our rules and regulations are set out in our University’s statutes, ordinances and regulations, full details of which are available online. www.manchester.ac.uk/governance

Full admissions policy

Our student admissions, recruitment and selection policy gives more information on the key principles of our recruitment, admissions and widening participation activities. www.manchester.ac.uk/admissionspolicy

www.manchester.ac.uk/assessing-ug-application
Our courses

Entry requirements
The following pages list all our undergraduate degree courses, arranged under broad subject areas. We have included an indicative range of entry requirements for each subject area.

For entry requirements for specific courses, see our A-Z course index at the back of this prospectus. Please note that this is not an exhaustive list, and does not include all subject-specific, GCSE or non-academic requirements that may also be needed. See the course listings on our website for full details.

English language requirements
You must be proficient in English language, the medium of instruction and examination in our University. See p66 for details.

For the most up-to-date course information
We prepare our prospectus well in advance of the academic year to which it relates. At the time of going to press, the courses described are those that we plan to offer; however, at a later date we may need to make changes to the content or methods of delivery of courses, to discontinue courses, or to merge and combine courses.

Please therefore check online, or with the relevant academic School, for the most up-to-date information on any course listed in this prospectus, in case we have to change any details.

Key

- Subject areas marked with this symbol offer opportunities for study abroad*
- Subject areas marked with this symbol offer opportunities for an industrial placement*
- Subject areas marked with this symbol offer opportunities for study with another language*

*Please note that this does not apply to every course within the subject area. See full details for individual courses on our website.

www.manchester.ac.uk/study
ACCOUNTING AND FINANCE

Typical offer

A-level AAA-AAB
IB 37-35 (666-665 at higher level)

Run by Alliance Manchester Business School
(Aliance MBS):
Accounting BSc 3yrs
UCAS code N400

Accounting with Industrial/Professional Experience BSc 4yrs
UCAS code N401

Run by the School of Social Sciences (SoSS)
with input from Alliance MBS:
Accounting and Finance BA Econ 3yrs
UCAS code NN43

Economics and Finance BA Econ 3yrs
UCAS code LN13

Finance BA Econ 3yrs
UCAS code N300

You might also be interested in Business and Management,
Economic and Social Studies, Economics

Find out more

Alliance MBS:
www.alliancembs.manchester.ac.uk/ug/accounting
www.alliancembs.manchester.ac.uk/virtualopenday
@MBSUGAdmissions
/MBSIncomingUndergraduates

School of Social Sciences:
www.manchester.ac.uk/socialsciences
@ManUniEconomics

Contact details

Alliance MBS:
e: ug-mbs@manchester.ac.uk
t: +44 (0)161 306 3425/3095

School of Social Sciences:
e: socialsciences@manchester.ac.uk
t: +44 (0)161 275 1473/4748

WHY MANCHESTER?

• 96% student satisfaction among our BSc Accounting students
  (National Student Survey 2015)
• Strong links with the three main accounting bodies – ICAEW, CIMA and ACCA
• Work on real-world projects for organisations such as HM Treasury,
  Scottish Government, HMRC and PwC

Accounting and Finance at Manchester has a first-class reputation, with teaching informed by cutting-edge research. You can choose a professionally orientated course (BSc), or study within a wider social sciences framework (BA Econ).

Prepare for a career as a chartered accountant with our BSc, which is part of the Institute of Chartered Accountants in England and Wales (ICAEW) Undergraduate Partnership Programme (UPP). You can apply for a work placement in your penultimate year and gain maximum exemptions from ICAEW ACA exams, enabling you to fast-track to qualified chartered accountant status.

Alternatively, our three-year BA Econ enables you to specialise in accounting and finance individually, in combination with each other, or with economics. This gives you a flexible and contemporary approach to the study of accounting and finance, placing it in relation to a broader economic, political and social context.
WHAT YOU STUDY

Accounting BSc
Study the theory and practice of accounting, with the opportunity to gain practical work experience. Previous students have completed paid work placements at Ernst & Young, Grant Thornton, KPMG, Mazars and PwC.

Year 1: Study auditing and professional accounting practice, financial reporting and decision-making and management accounting, with introductory course units in quantitative methods, economics and law.

Year 2: Develop your analytical skills, studying financial reporting and accountability and statement analysis alongside business strategy and taxation. You’ll widen your knowledge of law and professional accounting practice.

Placement year (optional): Successful applicants for the work placement will join a firm of professional accountants or other financial organisation. Put theory into practice and gain an insight into the profession.

Final year: Consolidate your practical skills and theoretical knowledge via a company project. You’ll gain specialised knowledge in accountability and auditing, broaden your understanding of the wider business context and enjoy substantial exemptions from professional accountancy exams (up to eight ICAEW ACA exams, six ACCA and eight CIMA).

Accounting and/or Finance pathways BA Econ
Enjoy opportunities to specialise in accounting and/or finance against a social sciences background. A highly flexible course it enables you to change your specialisms during Years 1 and 2.

Year 1: Gain a solid foundation in financial reporting, management accounting and decision-making alongside complementary micro and macroeconomics, quantitative methods and related social sciences, such as the study of work and organisation, or business anthropology.

Year 2: Develop your core skills in accounting and finance, and begin to focus on your own areas of interest, from financial reporting and accountability to business information systems or investment analysis.

Year 3: Pick your final areas of specialisation from a wide range of options, from auditing to international finance. Bring together the knowledge and skills you have attained over three years in an independent research project. The units you choose offer you the chance to obtain exemptions from the professional accounting qualifications (up to five ICAEW ACA exams, six ACCA and seven CIMA).

SKILLS AND JOB OPPORTUNITIES

Recent BSc graduates have gone on to work for BDO, Deloitte, Ernst & Young, KPMG, the NHS and the National Audit Centre, as assurance associates, audit associates, forensic accountants, risk analysts and tax advisers.

Recent BA Econ graduates have gone on to work for Credit Suisse, Deutsche Bank, PwC, JP Morgan and HM Treasury, as audit associates, interest rate derivative confirmations analysts, management consultants, brokers and supply chain analysts.

“My internship at Mazars was a fantastic learning experience; a chance to experience life as a working professional and gain a unique insight into the world of accounting.”

Bansari Kamdar, BSc (Hons) Accounting
AEROSPACE ENGINEERING

Typical offer

A-level AAA-AAB
IB 37-35

Aerospace Engineering BEng 3yrs
UCAS code H400

Aerospace Engineering MEng 4yrs
UCAS code H402

Aerospace Engineering with Management MEng 4yrs
UCAS code H4ND

Aerospace Engineering with Industrial Experience
MEng 5yrs
UCAS code H406

You might also be interested in Civil Engineering, Electrical, Electronic and Mechatronic Engineering, Mathematics, Mechanical Engineering, Petroleum Engineering, Physics and Astronomy, Engineering or Science with an Integrated Foundation Year

Find out more

www.manchester.ac.uk/mace
@School_of_MACE
/UoMMACE

Contact details
e: ug-mace@manchester.ac.uk
t: +44 (0)161 306 9210

WHY MANCHESTER?

• Manchester has been pioneering innovation since 1824 and was the first English university to offer an engineering degree
• Extensive engineering industry links, enhancing undergraduate teaching and ground-breaking research
• Excellent resources for information, computation and experimentation lab facilities to support undergraduate studies

We offer a broad range of expertise in the aerospace sector, including advanced Computational Fluid Dynamics and turbulence modelling techniques, aero and space systems design, and optimisation and experimental aerodynamics. You will benefit from our extensive experience in teaching and a wide range of research expertise.

Many of the major aerospace players contribute to our research and courses, including Airbus, Rolls-Royce, BAE Systems and MBDA, as well as several small to medium enterprises.

World-class facilities include our high-performance computing equipment and an extensive range of wind tunnels covering speeds from subsonic to Mach 6.
We welcome engineering and science students who wish to develop a specialism in aerospace engineering. We produce high-quality graduates suitable for employment in the aerospace industry, placing special emphasis on practical work through laboratory classes and group design projects.

WHAT YOU STUDY

Year 1: Gain a strategic overview of the main areas of aerospace engineering and discover the underlying science and mathematics.

Years 2 and 3: Develop the key knowledge and understanding necessary to enter industry or postgraduate study. Participate in design projects, and a major individual project in Year 3.

Year 4 (MEng students): Specialise in a range of advanced aerospace engineering subjects, and consolidate your practical experience through an advanced aerospace design project.

You will work in a challenging and active environment, learning via lectures, tutorials, examples classes, laboratory work and studio design work.

SKILLS AND JOB OPPORTUNITIES

You will develop transferable skills such as simulation, problem solving, design, management and modelling, enabling you to adapt to new challenges and offer a broad insight into engineering solutions.

Our graduates enter the global aerospace and defence industries through a range of companies across the sectors, work in wider engineering areas, or continue on to postgraduate study. The enormous range of career opportunities reflects the diverse and multidisciplinary nature of the aerospace sector.

All our Aerospace Engineering Honours degrees are accredited by the relevant professional institutions. This means your degree will be recognised as providing the educational base of Chartered Engineer (MEng) or Incorporated Engineer (BEng).
AMERICAN STUDIES

Typical offer

A-level AAB-ABB
IB: 35-34

American Studies BA 3yrs*
UCAS code T701

English Literature and American Studies BA 3yrs
UCAS code QT37

History and American Studies BA 3yrs
UCAS code VT17

*Flexible Honours may allow you to study an additional arts, languages or cultures subject. Find out more: www.manchester.ac.uk/flexiblehonours

You might also be interested in Drama, English Literature and Creative Writing, History of Art and Visual Studies, Linguistics and English Language.

Find out more

www.manchester.ac.uk/american-studies
@UoMSALC
/UoMSALC

Contact details

e: ug-eac@manchester.ac.uk
t: +44 (0)161 275 3107

WHY MANCHESTER?

• Ranked the number one place to study American Studies in the UK (The Times Good University Guide 2015)

• 100% student satisfaction for both English Literature and American Studies, and History and American Studies in the 2015 National Student Survey

• The possibility of spending a semester at one of our North American partner institutions

Home to the first American Studies department in the UK, Manchester provides interdisciplinary training across three centuries of American literature, history, modern music, politics and political culture, film, photography, and cultural analysis. Our course units range from the colonial era to the contemporary moment, and include topics such as Hollywood film, hip-hop culture, the changing nature of work and leisure in the US and the visual culture of the US Empire. Our degrees also offer you the opportunity to apply to study at one of our partner institutions in the US or Canada.

American Studies at Manchester is continually rated among the top departments in the UK, and was ranked first in The 2015 Times Good University Guide. Our course is designed to introduce you to this vibrant field of study, and to allow you to pursue specific fields of interest in the second and third-years of your degree.

Our courses are designed to meet the needs of our students, offering increased flexibility to pursue specific fields of interest as the course progresses – something reflected in our continually high student satisfaction ratings.
**WHAT YOU STUDY**

**Year 1:** Our core course units are designed to introduce key issues, and in your first year you will explore American literature and history from European settlement in the early seventeenth century through the Civil War and up to the era of Reagan. A core course unit in Aspects of Contemporary America will familiarise you with more recent social and political debates.

**Year 2:** Your second year comprises several optional course units, and will allow you to begin tailoring your study to specific areas of interest. All course units take a multidisciplinary approach and explore areas such as American Film Studies, Aspects of American Political Culture and American Literature and Social Criticism, 1900-Present. You’ll also study a core course unit which considers African-American culture in the United States from the colonial period to the contemporary era.

You can apply to study in the US or Canada for a semester at one of our approved partner institutions, including Rutgers University, Arizona State University, the University of Massachusetts and the University of Toronto. Limited places are also available to study at the University of California for the whole year.

**Year 3:** You will continue to draw on your own specific areas of interest, and select optional units from a wide range of possibilities. Topics span subjects as diverse as Beat Writing, Hip Hop and Hollywood, History of California, Harlem and State of Urban America, Love American Style, and American Slavery. A key element of your final year is the production of an extended essay on a subject of your choice, written under the supervision of an expert in your chosen field.

**SKILLS AND JOB OPPORTUNITIES**

You’ll graduate with a versatile set of skills. Most importantly, you will be competent in handling a variety of materials and texts, and confident in analysing these from several perspectives. Because we assess our students using a variety of methods, including essays, oral presentations, and examinations, you will also possess good communications skills, and the ability to work and think independently and with others. The interdisciplinary nature of this course will open doors to a breadth of career options, from work in teaching, business, law, the civil service, and media and public relations.

Your in-depth understanding of American culture, politics, history, literature and society will also prove attractive to charities, organisations, and multinational businesses operating in the US. Armed with a host of competences – including negotiation and cultural awareness, critical evaluation and logical thinking – our recent graduates have taken up roles across multiple sectors.

Manchester was the first UK university to have a chair in American Studies (1947). The University of Manchester Library has benefited from this long history, and from the financial support of institutions like the Rockefeller Foundation and the US Embassy.
**Typical offer**

A-level ABB-BBB
IB 34-31

**Arabic Studies BA 4yrs**
UCAS code T624

**Arabic and a Modern European Language BA 4yrs**
UCAS code RT81

**English Language and Arabic BA 4yrs**
UCAS code QT34

**History and Arabic BA 4yrs**
UCAS code VT33

**Linguistics and Arabic BA 4yrs**
UCAS code QT33

**Middle Eastern Studies BA 3yrs**
UCAS code T601

**Modern Language and Business and Management (Arabic) BA 4yrs**
UCAS code TN61

*Flexible Honours* may allow you to study an additional arts, languages or cultures subject. Find out more: www.manchester.ac.uk/flexiblehonours

You might also be interested in Classics and Ancient History, History, Linguistics and English Language, Modern Languages, Religions and Theology

**Find out more**

- [www.manchester.ac.uk/middleeasternstudies](http://www.manchester.ac.uk/middleeasternstudies)
- @UoMSALC
- /UoMSALC

**Contact details**

e: ug.languages@manchester.ac.uk
t: +44 (0)161 275 3211

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**WHY MANCHESTER?**

- The Times Good University Guide 2015 and The Complete University Guide 2016 rank us in the top 10 Middle Eastern Studies departments in the UK
- We boast a variety of language-related research centres including the Centre for Translation and Intercultural Studies
- Key language study resources including the University’s state-of-the-art Language Centre, a new interpreting suite and purpose-built recording rooms

You’ll explore the history, religions, culture, politics and peoples of the Middle East, gaining an in-depth understanding of a broad and complex region of central importance to the contemporary world.

Our Modern Languages department is ranked fourth in the UK and sixth in Europe in The QS World University Rankings. We’ll help you to achieve near-native proficiency in modern Arabic, offering insight into cultural and historical context. Whether you’re studying Arabic as a beginner, or from A-level or equivalent standard, you’ll progress to an advanced level over four years.

Multicultural Manchester is home to a breadth of Middle Eastern communities and provides a valuable context in which to pursue your passion for the Middle East outside the University – from public lectures to cultural events.
WHAT YOU STUDY

Please note that Middle Eastern Studies is a three-year degree and does not necessarily involve studying Arabic. You may opt to study the language in the first two years of your course.

For course units relating to Arabic Studies and related Joint courses, please refer to the Modern Languages section on p152.

Year 1: Gain an introduction to the study of a rapidly changing Middle East from a multidisciplinary angle. You’ll challenge preconceived ideas of the region and will develop a sound understanding of the diverse history of the Middle East through the study of Islam and the lives of Muslims, the socio-political and diplomatic aspects of the Israeli/Palestine conflict, and Classical Islamic History. You can also select optional units in Arabic language.

Year 2: Tailor your degree to your interests through optional course units on specialist themes, including Women and Gender in the Middle East and North Africa and Shi’ism: The Other Islam. You’ll continue to build on your existing knowledge through exploration of topics such as collective identities, the impact of World War I and protest, revolt and rebellion in relation to the Middle East. You can choose to either begin or progress Arabic language study through optional language units.

Year 3: Continue to draw on your own specific areas of interest throughout your final year, tailoring your study through course options including Islam and Modernity and Contemporary Cinema of the Middle East. You’ll build in-depth cultural understanding and advanced level study of post-1948 contemporary Israel/Palestine. You’ll also draw together your expertise in the form of a dissertation, in which you’ll undertake self-directed research on a topic of your choice.

SKILLS AND JOB OPPORTUNITIES

As well as gaining proficiency in Arabic and an in-depth knowledge of the Middle East, our problem-based approach to learning encourages you to think critically, creatively and independently, while interdisciplinary studies provide you with a broad perspective on issues both current and past.

The enhanced cultural understanding offered through Middle Eastern Studies opens doors to a broad range of careers, and our graduates have gone on to work in a wide variety of organisations. These include: schools and universities; media and publishing bodies such as Reuters, the BBC and Cambridge University Press; international aid organisations such as the Red Cross, the International Crisis Group and Amnesty International; and intelligence organisations such as Cheltenham Government Communications Headquarters and MI5.

“Arabic is a beautiful language, and at Manchester we are very fortunate to have excellent academics and be taught in small groups. The course covers all areas of the Arabic language and culture, leaving the student fully equipped and confident to deal with real-life interaction with the Arab world.”

Azraa Muthy, BA (Hons) Middle Eastern Studies
ARCHEOLOGY

Typical offer
A-level ABB-BBB
IB 34-31 (665 at higher level)

Archaeology BA 3yrs*
UCAS code V400

Ancient History and Archaeology BA 3yrs
UCAS code VV14

Archaeology and Anthropology BA 3yrs
UCAS code VL46

Archaeology and Art History BA 3yrs
UCAS code VV43

*Flexible Honours may allow you to study an additional
arts, languages or cultures subject. Find out more:
www.manchester.ac.uk/flexiblehonours

You might also be interested in Classics and Ancient
History, History, History of Art and Visual Studies

Find out more

www.manchester.ac.uk/archaeology
@UoMArcheology

Contact details
e: ug-archae@manchester.ac.uk
t: +44 (0)161 306 1252

WHY MANCHESTER?

- Unique hands-on teaching resources: Manchester Museum, The Whitworth, John Rylands Library, Archaeology Department collection
- Subsidised global fieldwork opportunities during four weeks of placement
- Gain scientific knowledge and insight into multiple humanities subjects including history, anthropology, classics and geography all within in a single degree subject

Our course content evolves in line with our new discoveries and emerging research, and you’ll learn by combining academic study with hands-on discovery. Fieldwork training is an integral part of our course in all years and you’ll be introduced to excavation techniques by experienced archaeologists at sites within the British Isles and throughout the world. Current excavation sites include Orkney, Africa, Easter Island and Australia.

Our teaching is outstanding. Recent awards include the National 2014 Archaeological Training Forum Best Training Excavation for the Ardnamurchan Transitions Project, and National Research Project of the Year in the Current Archaeology Awards 2014.

You can study archaeology with us as a Single Honours subject, or combine it with other subjects such as Ancient History, Art History or Anthropology as a Joint Honours degree.

WHAT YOU STUDY

You’ll not only learn in the classroom, but also in the lab, the field and the museum, developing important skills in both independent research and group-work.

Year 1: Establish a core grounding in archaeology through these compulsory course units: History of Archaeology, Themes in Archaeology, and Introduction to Archaeological Practice. You’ll also have two free choice units, allowing you to tailor your course, with subjects ranging from Living and Dying in the Ancient World to Technology of the Dynastic Age. Your first year study will be supplemented by two weeks of hands-on fieldwork.

Year 2: Pursue specific areas of interest or expertise. Core units including Data Processing and Quantitative Analysis, Theory and Philosophy of Archaeology and Fieldwork Practice and Interpretation; optional units range from Pacific and Australian Archaeology to Changing Worlds in the Near East and East Mediterranean. You’ll also undertake directed research of your choice via our Long Essay course unit, as well as further fieldwork.

Year 3: Apply your research skills and specific areas of interest in your dissertation. Further course units include Theory and Practice in Archaeology and Material Culture, as well as optional unit topics ranging from Neolithic Britain to Minoan Crete.
As a Joint Honours student you’ll follow an equal portfolio of course units across your two subject areas in your first year, benefiting from the full breadth of expertise and choice in both departments. You can then weight both subjects according to your interests in your second and third year.

SKILLS AND JOB OPPORTUNITIES

We have pioneered innovative assessments that relate to the skills contemporary employers want to see in graduates, so alongside exams and essays you might be producing portfolios, manipulating complex data, devising marketing materials, creating broadcast content or developing wiki entries. Not only will you learn rigorous intellectual skills of interpretation, you’ll also learn to work as part of a team in demanding conditions – managing time, resources and people in the field.

Recent graduates have become commercial archaeologists, heritage and environment officers, editors, broadcasters, journalists, accountants, writers, researchers. Former students have also pursued successful careers as teachers, solicitors and barristers, media and business specialists, health scientists and consultants in fields relating to archaeology, such as construction or local government planning.

100% of our BA Archaeology students said that they were satisfied with the quality of their course.

2015 National Student Survey
ARCHITECTURE

Typical offer

A-level AAA
IB 37

Architecture BA 3yrs
UCAS code K100

You might also be interested in Civil Engineering, Planning and Environmental Management

Find out more

www.manchester.ac.uk/architecture
www.msa.ac.uk
@TheMSArch

Contact details

e: ug-architecture-admissions@manchester.ac.uk
t: +44 (0)161 275 0969

Manchester is a great place to study architecture. The city is a showcase for recent regeneration and historic context, much of which has been designed with the involvement of our graduates, who are highly valued by the sector for their confidence and creativity.

The city’s rich tradition and vibrant contemporary architectural scene engages directly with our leading-edge design practice. The ongoing regeneration of the city centre is seen as an international exemplar, recognising the value of high-quality design, together with innovative and pragmatic approaches to resolving practical issues.

Manchester School of Architecture is an innovative collaboration between Manchester Metropolitan University and The University of Manchester. You’ll receive a degree from both universities and be able to use the facilities and resources at both.

WHY MANCHESTER?

• New, purpose-built facilities, including architecture studios, workshop and model-making spaces, plus industry standard computer-aided design software
• Strong links with national and international architectural practices
• Access to the Manchester Society of Architects’ Library
WHAT YOU STUDY

Year 1: You’ll gain an understanding of architectural history and theory. You will cover foundational principles in space-making, material expression, brief-writing, contextual research, and the role of humanities in the design process. A series of studio design projects and skills workshops will develop your architectural creative process and the year culminates with events jointly undertaken with second and fifth year students.

Year 2: The multi-layered nature of the design process is explored and urban theory and specialised sustainability knowledge is applied to design projects, transforming the aesthetic concepts of first-year study into the techno-cultural strategies used by professionals. You’ll develop an increased awareness of architecture in a variety of contexts and improve your design processes and critical thinking skills.

Year 3: You’ll begin to formulate your individual position on contemporary architecture and urbanism. The third year is organised around a themed ‘atelier’ system, with each atelier applying a particular design methodology to an extended urban project that lasts the entire year. The course culminates with an assessed self-build exhibition.

SKILLS AND JOB OPPORTUNITIES

Qualifying as an architect in the UK normally requires a combination of five years’ study at university and a minimum of two years’ practical experience before completing a final examination.

The BA (Hons) Architecture and Master of Architecture (MArch) at the Manchester School of Architecture are recognised as Part 1 and Part 2 qualifications by the Architects Registration Board (ARB) and the Royal Institute of British Architects (RIBA). Therefore, following graduation from the BA, students who achieved an Upper Second class degree with Honours and who have completed their year in practice can progress to the MArch.

Our graduates are highly valued by the profession for their confidence and creativity. Graduates go on to work as architects for prominent architectural and design practices or in leading roles within the wider construction industry, in areas such as project management and estate management. A small number of graduates choose other fields, such as advertising, banking, art history and web design.

Gain exemption from Part 1 Architects Registration Board (ARB) and the Royal Institute of British Architects (RIBA) qualifications – your first step to becoming an architect.
**Typical offer**

A-level AAA-ABB
IB 37-33

**Anatomical Sciences**

Anatomical Sciences BSc 3yrs
UCAS code B110

Anatomical Sciences with a Modern Language BSc 4yrs
UCAS code B114

Anatomical Sciences with Industrial/Professional Experience BSc 4yrs
UCAS code B111

Anatomical Sciences MSci (undergraduate master’s) 4yrs
UCAS code S2A6

**Biochemistry**

Biochemistry BSc 3yrs
UCAS code C700

Biochemistry with a Modern Language BSc 4yrs
UCAS code C701

Biochemistry with Industrial/Professional Experience BSc 4yrs
UCAS code C702

Biochemistry MSci (undergraduate master’s) 4yrs
UCAS code 2C13

**Biology**

Biology BSc 3yrs
UCAS code C100

Biology with a Modern Language BSc 4yrs
UCAS code C106

Biology with Industrial/Professional Experience BSc 4yrs
UCAS code C101

Biology MSci (undergraduate master’s) 4yrs
UCAS code 7549

**Biotechnology**

Biotechnology BSc 3yrs
UCAS code C560

Biotechnology with Industrial/Professional Experience BSc 4yrs
UCAS code C561

Biotechnology MSci (undergraduate master’s) 4yrs
UCAS code 6Q13

**Cell Biology**

Cell Biology BSc 3yrs
UCAS code C130

Cell Biology with a Modern Language BSc 4yrs
UCAS code C132

Cell Biology with Industrial/Professional Experience BSc 4yrs
UCAS code C131

Cell Biology MSci (undergraduate master’s) 4yrs
UCAS code 2Y13

**Cognitive Neuroscience and Psychology**

Cognitive Neuroscience and Psychology BSc 3yrs
UCAS code BC18

Cognitive Neuroscience and Psychology with Industrial/Professional Experience BSc 4yrs
UCAS code BCC8
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<td>Life Sciences with Industrial/Professional Experience</td>
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<td>Medical Biochemistry</td>
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<td>Microbiology</td>
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<tr>
<td>Neuroscience with Industrial/Professional Experience BSc</td>
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<tr>
<td>Pharmacology with Industrial/Professional Experience BSc</td>
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<td>Pharmacology and Physiology BSc</td>
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<td>Pharmacology and Physiology with Industrial/Professional Experience BSc</td>
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<td>Physiology BSc</td>
<td>3yrs</td>
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<td>Physiology with a Modern Language BSc</td>
<td>4yrs</td>
<td>B122</td>
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<tr>
<td>Physiology with Industrial/Professional Experience BSc</td>
<td>4yrs</td>
<td>B121</td>
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<td>Physiology MSci (undergraduate master’s)</td>
<td>4yrs</td>
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<td>Plant Science BSc</td>
<td>3yrs</td>
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<tr>
<td>Plant Science with a Modern Language BSc</td>
<td>4yrs</td>
<td>C201</td>
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<tr>
<td>Plant Science with Industrial/Professional Experience BSc</td>
<td>4yrs</td>
<td>C202</td>
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<tr>
<td>Plant Science MSci (undergraduate master’s)</td>
<td>4yrs</td>
<td>6D43</td>
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<tr>
<td>Zoology BSc</td>
<td>3yrs</td>
<td>C300</td>
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<td>4yrs</td>
<td>C303</td>
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<td>Zoology with Industrial/Professional Experience BSc</td>
<td>4yrs</td>
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<td>Zoology MSci (undergraduate master’s)</td>
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**Find out more**
- [www.manchester.ac.uk/ls](http://www.manchester.ac.uk/ls)
- [@lifesciencesuom](https://twitter.com/lifesciencesuom)
- [LifeSciencesManchester](https://facebook.com/LifeSciencesManchester)
- [manclifesciences](https://youtube.com/manclifesciences)

**Contact details**
- e: ug.lifesciences@manchester.ac.uk
- t: +44 (0)161 275 5032

**WHY MANCHESTER?**
- Consistently high student satisfaction rate – currently 93% (National Student Survey 2015)
- Excellent facilities, including recent £3 million refurbishment of our anatomy teaching facilities
- Field courses in Europe, Central America and South Africa
Bioscience – the study of living organisms – is an exciting, fast-moving area, so it’s important you undertake your first degree at a research-led university.

We have the widest range of bioscience courses at any UK university. We offer you a broad range of research opportunities where you’ll be learning from world-leading experts at the cutting edge of bioscience and many high-profile researchers, including Professor Dame Nancy Rothwell – one of the UK’s leading neuroscientists and President and Vice-Chancellor of our University.

We also offer a range of four year courses which will provide you with valuable lab and employability skills. We work with more than 100 partner institutions offering modern language and industrial experience placements or you can benefit from our excellent facilities by completing an undergraduate master’s project in one of our 200 research labs.

You can choose to study a broad course, such as Life Sciences, Biology, or Biomedical Sciences, or you can specialise and study in-depth in an area that interests you. You can even transfer between most of our courses after your first year of study.

A Foundation Year is available for applicants who do not have the appropriate entry qualifications for direct entry onto one of our courses (see Life Sciences with a Foundation Year: p137).

Areas of study with Biosciences include:

- **Anatomical Sciences** – study the structure and form of humans and other animals from the whole body to the sub-cellular level.
- **Biochemistry** – explore the chemistry of life.
- **Biology with Science and Society** – consider the social, ethical and political dimension of biosciences.
- **Biomedical Sciences** – discover how biology-based science can be applied for medical use.
- **Biotechnology** – learn about the use of biological organisms, processes or systems to perform specific industrial processes.
- **Cell Biology** – consider how cells function, both individually and together, within organisms, and how they go wrong in disease.
- **Cognitive Neuroscience and Psychology** – combine studies of major topics in experimental psychology and neuroscience in this joint honours degree.
- **Developmental Biology** – discover how all the different cells and tissues of an organism are made.
- **Ecology** – learn about the interactions of organisms with one another and their physical environment.
- **Genetics** – study how the genetic characteristics of an individual or population vary and are passed on to the next generation.
- **Immunology** – learn about the components, principles and mechanisms of the immune system and how they protect the body against infections.
- **Medical Biochemistry** – explore the biochemistry of normal and diseased cells and tissues in humans and other mammals.
- **Microbiology** – study the biology of bacteria, viruses, protozoa and fungi, with a focus on those that cause disease in humans.
- **Molecular Biology** – discover the structure and function of molecules like DNA, RNA and proteins, and the processes that use them to make a cell function.
- **Neuroscience** – discover how the brain works to generate behaviour, perception, movement, thought, and memory.
- **Pharmacology** – learn how drugs act on living systems, how they are metabolised, and how they exert toxic effects.
- **Physiology** – explore how tissues and organs function in humans and other mammals.
- **Plant Science** – discover how plants contribute to global ecosystems, and how they can be used and modified to provide food, vaccines and raw materials for industry.
- **Zoology** – study the behaviour, structure, and evolution of animals from sponges and insects to mammals.
WHAT YOU STUDY

BSc 3yr courses

Year 1: Discover biosciences. In the first year, you will study a number of compulsory topics that cross all key bioscience disciplines, such as Biochemistry, Molecular biology and Body Systems, as well as selecting optional modules specific to your chosen degree. You are able to change degree programme at the end of the year if you wish.

Most course units include eLearning to enhance and support your lecture-based units. Develop laboratory and analytical skills in practical units and, potentially, on field courses in South Africa, the UK or elsewhere in Europe.

Year 2: Start to specialise in your chosen discipline. The choice and variety of topics will vary widely depending on your course. Topics available include: how we co-ordinate movement; the impact of drugs on the brain; the maintenance and regulation of the genome; how cells move and interact with each other; how a fully developed adult animal or plant is formed from the single cell produced at fertilisation; the role of plant science in solving global issues such as food security in a changing climate; the function of the immune system; and the control of cell adhesion in normal tissues and disease.

Prepare for independent research, usually through laboratory-based skills training, but potentially through other options, including field courses in Central America. Undertake a dissertation, which may be supervised by a member of our research staff, gaining first-hand knowledge of current research. A few examples of current research are: regulation of appetite and body weight, melanoma tumour biology, wound healing and tissue regeneration, and investigation of the genes that cause specific types of heart disease.

Final Year: Final-year topics reflect the current hot topics in biosciences and the research interests of staff. These lectures are constantly being adapted and updated. Current topics include: how stem cells develop into specialist cells; the role of neurotransmitter systems in the generation and therapy of neuropathological disorders such as schizophrenia and Alzheimer’s disease; the molecular biology of cancer; and the control of cell adhesion in normal tissues and disease.

A major element of your final year is an independent research project which could be lab-based or in a number of other formats, such as planning a new bioscience enterprise or producing a video to communicate an aspect of science. This is your opportunity to undertake a research project in an area of your interest, while potentially contributing to cutting-edge scientific research.

BSc 4yrs with industrial/professional experience

Year 3: Spend the third year of your course on placement with one of our partner organisations in the UK or overseas. Carry out a laboratory, fieldwork, enterprise, education or communication project depending on your area of interest. This year will provide you with valuable work experience and give you an advantage in today’s competitive employment market.

Year 4: You will return to University to complete your final year which is the same as the BSc.

BSc 4yrs with a modern language

Year 3: Spend the third year of your course on placement with a research institute or university in a country where the language you are studying is spoken. This year will help you improve your language skills, provide you with valuable work experience and give you an advantage in today’s competitive employment market.

Year 4: You will return to University to complete your final year which is the same as the BSc.

MSc 4yrs Undergraduate master’s

Year 3: Study six lecture units and take two degree specific papers appropriate to your degree programme with the current BSc students. Prepare for your final year masters research project through units covering project proposals, bioinformatics tools/resources and experimental skills.

Final Year: Carry out a six or seven month independent research project in your chosen area of interest, in the laboratories or field station, run by a leading academic at the University. You will gain significant research skills and experience that will help you pursue a career in industry or academia.

MSc 4yrs Industrial/Professional experience

Year 3: Spend the third year of your course on placement with one of our partner organisations in the UK or overseas. Carry out a laboratory, fieldwork, enterprise, education or communication project depending on your area of interest. This year will provide you with valuable work experience and give you an advantage in today’s competitive employment market.

Year 4: You will return to University to complete your final year which is the same as the MSc.
SKILLS AND JOB OPPORTUNITIES

Our strong emphasis on developing laboratory skills and the opportunity to undertake a project relating to our research could allow you to move into a role in scientific research and development, or a specialist clinical or technical role.

Training in field skills, such as identification and survey techniques, could also prepare you for roles in field science or conservation.

Transferable skills such as teamwork, leadership, problem-solving and innovation are embedded in our curriculum, and will prepare you for varying careers across a range of sectors.

Some of our recent graduates have undertaken further postgraduate study and now work in scientific research roles, such as scientific officers and post-doctoral scientists with organisations including Cancer Research UK, GSK, Unilever, and the Mount Sinai School of Medicine in the USA. Some have clinical and administrative roles in the NHS, such as clinical scientist, cardiac physiologist, and clinical trials administrator.

Others have specialist technical lab-based roles, such as microbiologist, forensic scientist and quality assurance officer for organisations including The Food Standards Agency, The Health Protection Agency and South West Water.

Science roles outside the laboratory secured by our graduates are found in science communication, science media and conservation, such as medical writers, science editors and conservation officers for organisations including the BBC, Nature and Lancashire Wildlife Trust.

“The choice of course modules is broad and flexible so I could easily tailor my degree to suit my interests. I got to do an industrial placement year, working in the respiratory department of GlaxoSmithKline and this experience helped me to secure a PhD and a future career in research.”

Alina-Maria Petris, BSc (Hons) Biomedical Sciences with Industrial Experience
**Typical offer**

A-level AAB
IB 35 (665 at higher level)

Run by our School of Social Sciences (SoSS) with input from Alliance Manchester Business School (Alliance MBS):

- **Business Studies BA Econ 3yrs**
  UCAS code N100

- **Business Studies and Economics BA Econ 3yrs**
  UCAS code NL11

- **Business Studies and Politics BA Econ 3yrs**
  UCAS code NL12

- **Business Studies and Sociology BA Econ 3yrs**
  UCAS code NL13

Run by Alliance MBS with input from SoSS:

- **International Business, Finance and Economics BSc 3yrs**
  UCAS code N1N3

- **International Business, Finance and Economics with Industrial/Professional Experience BSc 4yrs**
  UCAS code N1N4

Run by Alliance MBS:

- **International Management BSc 4yrs**
  UCAS code N247

- **International Management with American Business Studies BSc 4yrs**
  UCAS code N2T7

- **Information Technology Management for Business BSc 3yrs**
  UCAS code GN51

- **Information Technology Management for Business with Industrial Experience BSc 4yrs**
  UCAS code GN5C

- **Information Technology Management for Business (Accounting) BSc 3yrs**
  UCAS code GN54

- **Information Technology Management for Business (Accounting) with Industrial Experience BSc 4yrs**
  UCAS code GN5D

- **Information Technology Management for Business (Marketing) BSc 3yrs**
  UCAS code GN52

- **Information Technology Management for Business (Marketing) with Industrial Experience BSc 4yrs**
  UCAS code GN53

- **Information Technology Management for Business (Strategy and Economics) BSc 4yrs**
  UCAS code GN55

- **Information Technology Management for Business (Strategy and Economics) BSc 3yrs**
  UCAS code GN56

- **Management BSc 3yrs**
  UCAS code N201

- **Management with Industrial/Professional Experience BSc 4yrs**
  UCAS code N203

- **Management (Accounting and Finance) BSc 3yrs**
  UCAS code NN24

- **Management (Accounting and Finance) with Industrial/Professional Experience BSc 4yrs**
  UCAS code NN25

- **Management (Human Resources) BSc 3yrs**
  UCAS code N600

- **Management (Human Resources) with Industrial/Professional Experience and Entrepreneurship) BSc 3yrs**
  UCAS code N601

- **Management (Innovation, Sustainability and Entrepreneurship) BSc 3yrs**
  UCAS code N200

- **Management (Innovation, Sustainability and Entrepreneurship) with Industrial/Professional Experience BSc 4yrs**
  UCAS code N202

- **Management (International Business Economics) BSc 3yrs**
  UCAS code N246

- **Management (International Business Economics) with Industrial/Professional Experience BSc 4yrs**
  UCAS code N248
What you study

Business Studies

The four Business Studies pathways of our BA Econ degree offer you a contemporary, interdisciplinary course focused around relevant topics in economics, finance, accounting, management, politics and sociology. This unique combination of social sciences offers you an understanding of the role and the operation of business organisations in relation to their broader economic, political and social environments.

Along with the theoretical and practical knowledge relevant to a career in business, you’ll gain an understanding of the impact of policy and regulation, the nuances of labour and finance markets, and how employees, consumers and organisations behave, particularly with regard to demographic population changes.

Year 1: Core units from a range of disciplines help you to analyse business performance, from micro and macroeconomics to business anthropology.

Year 2: Begin to focus on your own areas of interest, from pursuing statistical or operations research options to international business strategies or marketing research. If you are taking one of the joint specialisations, you could broaden your study in politics, economics and sociology.

Year 3: Various subject options include human resource management and labour economics. You’ll further develop interpersonal and teamwork skills via a compulsory business analysis project.

Why Manchester?

• 31% of this year’s entry-level positions with top graduate recruiters are expected to be filled by graduates who have already worked for their organisations. That’s why all degrees at Alliance MBS offer you a work placement or international exchange (High Fliers Report 2015)
International Business, Finance and Economics (IBFE)

Study finance, economics and business within an international context, gaining a critical understanding of social and economic effects of globalisation. Choose our four-year degree and you’ll benefit from a paid work placement in your penultimate year.

Year 1: Study accounting and finance, micro and macroeconomics, mathematics and statistics, financial and digital innovation as well as politics or sociology.

Year 2: Study finance, managerial economics and international business strategy. Choose from various options in accounting and finance, economics, contexts for international business and modern languages.

Placement year (optional): Successful applicants for the work placement will gain valuable experience in a commercial organisation.

Final year: Focus on international finance, managerial economics and international business strategy. Choose from various options in accounting and finance, economics, contexts for international business and modern languages.

Management

These degree courses share a common first year before allowing you to focus on a chosen specialism to enhance your career prospects. You can transfer to a different specialism while on the course, regardless of which one you apply for. Choose our four-year degree and you’ll benefit from a work placement in your penultimate year. If you wish to specialise, you will choose at least one third of your second-year options and half of your final-year options from your specialist area. Your chosen specialism will be reflected in your degree title, eg BSc (Hons) Management (Marketing). If you do not wish to specialise, you will graduate with a BSc (Hons) Management.

Year 1: Study accounting and finance, economics, work psychology, sociology, quantitative methods, marketing and academic and career development. A case study gives you practical understanding of the theories you learn in your first semester.

Year 2 and final year: Develop your own interests and shape your degree, with more than 90 course units to choose from.

Placement year (optional): Gain practical work experience, earn a salary and gain insight into a particular career.

International Management

First-hand knowledge of another culture can be crucial in business. You’ll spend a full academic year abroad studying at a top global business school or university in Europe, South-East Asia, Australia, or New Zealand (International Management – IM), or the US or Canada (International Management with American Business Studies – IMABS). All classes are taught in English. We have 50 exchange partners across 18 countries. See: www.alliancembs.manchester.ac.uk/ug/exchange

Year 1: Study accounting and finance, economics, work psychology, sociology, quantitative methods, marketing and academic and career development. A case study gives you a practical understanding of the theories you learn in your first semester.

Year 2 and final year: IMABS students specialise in American history and culture and the fundamentals of the US political and economic system, while IM students study international business strategy. All students then choose from a wide range of options, including human resources, marketing, strategy, information systems, innovation/technology management and various international issues.

IT Management for Business (ITMB)

Created in collaboration with the Tech Partnership and more than 60 major employers, (including IBM, Deloitte, Fujitsu, Unilever and the BBC), you will focus on four major areas – business, technology, personal and interpersonal skills, and project management – and learn primarily through team-based project work, supported by business mentors.

Your chosen specialism will be reflected in your degree title – eg BSc (Hons) Information Technology Management for Business (Marketing). If you do not wish to specialise, you will graduate in BSc (Hons) Information Technology Management for Business.

Since these four degrees are identical in the first year, transfer between them is straightforward, so please only apply for one of them.
Year 1: Study course units across business, management and IT, including database design and development, human computer interaction and financial reporting. Collaborate on a team project, based on a real-life business problem (currently supported by Credit Suisse).

Year 2: Enhance your team-working, project management, business, management and IT skills through course units including virtual team-working, social media and social networks, and another team project currently supported by SAS.

Placement year (optional): Gain valuable work experience at a commercial organisation. Previous students have completed placements with Fujitsu, IBM, Accenture, SAP, Logica, AstraZeneca and Intel.

Final year: Advanced topics in technology management and business applications, plus a choice of options. You’ll also undertake an individual project – previous students have investigated how IBM uses technology to manage remote teams, and the implications of social networks on management processes.

SKILLS AND JOB OPPORTUNITIES

Business Studies: Recent graduates have become business development co-ordinators, audit associates, and settlement analysts, working for IBM, BT, KPMG, Aston Martin and Deloitte.

International Business, Finance and Economics: Recent graduates now work for Grant Thornton, KPMG, PwC (Cyprus), RBS and Zolfo Cooper, working as assurance associates, audit trainees and commercial strategists. Others progressed to law conversion courses and further study in finance and international business.

Management: Recent graduates have become HR graduate analysts, internet consultants and management trainees, working for Balfour Beatty, Deutsche Bank, KPMG, Microsoft and Tesco. Others progressed to further study in business, economics, enterprise and branding at institutions across the UK and internationally, including the University of Jiao Tong and the University of Lausanne.

International Management: Graduates are now working as ACA trainees, management trainees, territory managers and wealth management analysts at companies such as Bombardier (Sweden), Crown Worldwide (San Francisco), ExxonMobil, HSBC (Beverly Hills) and Tevere (Switzerland).

Information Technology Management for Business: Recent graduates have become IT consultants, trainee marketing managers, technical analysts, IT first line analysts and finance test analysts, working for Credit Suisse, eBay, Bank of New York Mellon and IBM.

“I wanted a course that stood out. My time at the University of Southern California made me a more rounded person and I talked about it non-stop in job interviews.”

David Staunton, BSc (Hons) International Management with American Business Studies
Now Strategy Consultant, Deloitte
Typical offer

A-level A*AA-AAA
IB 39-37

Chemical Engineering BEng 3yrs
UCAS code H800

Chemical Engineering MEng 4yrs
UCAS code H801

Chemical Engineering with Energy and Environment MEng 4yrs
UCAS code H8F4

Chemical Engineering with Industrial Experience MEng 4yrs
UCAS code H803

Chemical Engineering with Study in Europe MEng 4yrs
UCAS code H810

You might also be interested in Aerospace Engineering, Chemistry, Civil Engineering, Electrical, Electronic and Mechatronic Engineering, Petroleum Engineering, Engineering or Science with an Integrated Foundation Year

Contact details

e: ug-ceas@manchester.ac.uk
t: +44 (0)161 306 5984

WHY MANCHESTER?

• All undergraduate master’s courses are accredited by IChemE, leading to Chartered Engineer status
• Our £16 million purpose-built pilot plant gives you valuable in-house industrial experience

Manchester is the birthplace of chemical engineering, and home to the largest school of chemical engineering in the UK. Our students have access to state-of-the-art facilities and are taught by world-leading academics with close links to industry across a broad spectrum of specialist areas.

A range of undergraduate degree options is available. You can choose a chemical engineering core with a wide range of complementary subjects, or opt to supplement your studies with overseas placements or industrial experience.

All our courses are accredited by the Institution of Chemical Engineers (IChemE), and on completion of your degree you will be part of a network of professionals consisting of more than 35,000 members in 120 countries.

Find out more

www.manchester.ac.uk/ceas
@ChemEngManUni
WHAT YOU STUDY

Our courses combine a solid grounding across the subject with excellent flexibility and choice.

Years 1 and 2: Study a range of core materials via common chemical engineering units that incorporate the fundamentals of chemical engineering, as well as mathematics and science. Technical aspects will revolve around managing the behaviour of materials and chemical reaction.

Years 3 and 4: Tailor your studies to your own academic interests, by taking specialised options that enable you to develop your interests in the context of your career aspirations.

Our MEng courses give you the opportunity to study a specialist subject in greater depth. Specialist themes include advanced chemical engineering science, business management, energy and environment, or languages which include studying at a university in Europe.

SKILLS AND JOB OPPORTUNITIES

As well as core chemical engineering skills, a chemical engineering degree at Manchester develops many skills that are easily transferable and highly desirable by employers, such as the ability to understand a problem, locate the root cause and develop a solution.

Chemical engineering jobs exist in all kinds of industries, including food and drink, pharmaceuticals, energy, oil and gas, and water and environment. Jobs in these sectors include product design, research and development and construction and installation of industrial plants. Some of our most recent graduates are now working with companies including Costain, Johnson Matthey, Shell, Schlumberger and Jacobs. Many of our graduates also find employment in areas such as management, finance, banking and information technology.

The average starting salary for a chemical engineer in 2014 was £31,000 per year, rising to £66,000 for those in their 30s.

The Institution of Chemical Engineers (IChemE) salary survey
**Typical offer**

A-level AAA-AAB
IB 36-35 (666-665 at higher level)

Chemistry BSc 3yrs
UCAS code F100

Chemistry MChem 4yrs
UCAS code F109

Chemistry with Industrial Experience MChem 4yrs
UCAS code F101

Chemistry with International Study MChem 4yrs
UCAS code F104

Chemistry with Medicinal Chemistry BSc 3yrs
UCAS code F150

Chemistry with Medicinal Chemistry MChem 4yrs
UCAS code F152

You might also be interested in Biosciences, Chemical Engineering, Computer Science, Materials Science, Mathematics, Petroleum Engineering

**Find out more**

[www.manchester.ac.uk/chemistry](http://www.manchester.ac.uk/chemistry)

[@UoMChemistry](https://twitter.com/UoMChemistry)

[/ChemistryUoM](https://www.facebook.com/ChemistryUoM)

**Contact details**

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t: +44 (0)161 306 9271

Chemistry is said to be the foundation science of modern civilisation, and is a broad and exciting science that underpins one of the largest industrial sectors in the UK.

Manchester chemistry leads the way in delivering a world-class education using cutting-edge facilities, with courses delivered by world-leading experts. Our graduates follow careers in almost every industrial sector, in areas as varied as industrial biotechnology, nuclear clean-up, nanotechnologies as well as the traditional chemical and pharmaceutical industries.

Our size allows us to offer a number of specialised degree courses, demonstrating our strengths in both teaching and research, for which we continue to receive top ratings.

**WHAT YOU STUDY**

All our degrees allow flexibility and choice, and have a common core structure to ensure that everyone has the same thorough grounding in basic chemistry. The first two years cover organic, inorganic and physical chemistry.

Year 1: Develop your mathematical, presentational and IT skills, and information-retrieval techniques. Choose one or two subsidiary subjects from a wide range, including biochemistry, physics, mathematics, business and management, geography, earth sciences, and languages.
Year 2: Develop your core knowledge and discover new topics. You’ll also have the opportunity to take an optional course unit from outside chemistry.

Year 3: This year may include study abroad or industrial experience, depending on your degree. If it’s your final year on the BSc, you will study advanced chemistry units and undertake practical projects.

Year 4 (MChem): Carry out an extended individual project, study related units and attend specialist lectures.

You’ll learn via a combination of lectures, labs, tutorials, workshops, projects and e-learning. In the first two years, laboratory work is around 7–12 hours per week.

You are continuously assessed through lab work, essays, computer exercises, projects and traditional examinations.

**SKILLS AND JOB OPPORTUNITIES**

Our graduates are skilled in scientific methodology and are highly numerate, versatile and creative. Around half get a first job directly using their chemical knowledge, 25% go onto a further degree, and the remaining 25% opt for diverse careers in areas such as finance, management, computing and IT. International career prospects are excellent as the British chemical industry – the UK’s number one export earner and largest manufacturing sector – continues to grow.

Our University currently tops the annual poll of employers’ preferred sources of graduates. Our recent graduates have secured positions with a variety of companies including Johnson Matthey, AzkoNobel and Deloitte, in roles such as Lead Chemical Analyst, Research Scientist and Management Consultant.

“Apply! You won’t regret it, I know I haven’t. If you want to study at one of the best universities in the country, while living in a vibrant, cosmopolitan city, there really isn’t anywhere quite like it.”

Peter Davies, MChem (Hons) Chemistry with Industrial Experience
Typical offer

A-level AAA-AAB
IB 37–35

Civil Engineering BEng 3yrs
UCAS code H200

Civil Engineering MEng 4yrs
UCAS code H201

Civil and Structural Engineering MEng 4yrs
UCAS code H220

Civil Engineering (Enterprise) MEng 4yrs
UCAS code H204

Civil Engineering with Industrial Experience MEng 5yrs
UCAS code H207

You might also be interested in Aerospace Engineering, Architecture, Computer Science, Electrical, Electronic and Mechatronic Engineering, Petroleum Engineering, Planning and Environmental Management, Engineering or Science with an Integrated Foundation Year

Find out more

www.manchester.ac.uk/mace
@School_of_MACE
/UoMMACE

Contact details

e: ug-mace@manchester.ac.uk
t: +44 (0)161 306 9210

Civil engineering is about creating, improving and protecting the environment in which we live.

Civil engineers are responsible for the design, project management and construction of everything in the built environment, including bridges, transport systems, dams, tunnels, hospitals, schools, airports, docks, harbours, power stations, water supply, cleaning dirty water and railways.

They supply water and fuel, and provide the infrastructure to clean up the waste products of our society. They are concerned with environmental and sustainability issues in flooding, renewable energy and regeneration, in nuclear waste disposal, sewage treatment and pollution generally.

Plenty of staff contact and high quality resources ensure you will enjoy a challenging and rewarding experience at Manchester. We offer you excellent support, including an extensive tutorial system for academic support and pastoral care, student-to-student mentoring and approachable, well-qualified and co-operative staff.

We also have extensive links with global, national and local industrial partners which ensures our teaching is always current and relevant.

At Manchester you will have access to excellent resources for information, computation and experimentation, all of which are crucial for your degree.

WHY MANCHESTER?

• Extensive engineering industry links enhance undergraduate teaching and ground-breaking research
• Manchester was the first English university to offer an engineering degree

WHY MANCHESTER?
WHAT YOU STUDY

In Years 1 and 2 you will discover civil engineering through subjects including mathematics, mechanics, construction materials, structures, geotechnics, design and management. Year 2 includes a residential field course to practice surveying and civil engineering design. Specialist knowledge is further developed in Year 3, which also includes a major individual project. For MEng students, Year 4 covers a range of specialist subjects, as well as developing design skills through a substantial group project.

You will graduate with the ability to plan, budget, estimate and control finances, and work and interact with many people from other trades, professions and businesses.

SKILLS AND JOB OPPORTUNITIES

Our degree courses provide the academic basis for a professional career in the planning, design, construction and management of major civil and structural engineering projects. They also lead to many other opportunities and our graduates are in demand from all sectors of industry, commerce and public service.

You will gain highly developed transferable skills, such as simulation, design, management and modelling, developing the ability to analyse and solve complex problems by a rigorous approach, and to communicate results effectively. You will graduate with the ability to adapt to new challenges and offer a broad insight into engineering solutions.

If you graduate from a course with an industrial experience or enterprise element, you will have the added advantage of graduating with useful insight into the commercial world, equipping you for a diverse range of careers such as general management and sales, as well as jobs in more technical fields.

All of our Civil Engineering Honours degrees are accredited by the relevant professional institutions. This means your degree will be recognised as providing the educational base of Chartered Engineer (MEng) or Incorporated Engineer (BEng).
CLASSICS AND ANCIENT HISTORY

Typical offer
A-level ABB-BBB
IB 34-31

Ancient History BA 3yrs*
UCAS code V110

Classical Studies BA 3yrs*
UCAS code Q810

Classics BA 3yrs
UCAS code Q800

Latin and English Literature BA 3yrs
UCAS code QQ36

Latin and Italian BA 4yrs
UCAS code QR63

Latin and Linguistics BA 3yrs
UCAS code QQ61

Latin and Spanish BA 4yrs
UCAS code QR64

Latin with French BA 4yrs
UCAS code QR61

*Flexible Honours may allow you to study an additional arts, languages or cultures subject. Find out more: www.manchester.ac.uk/flexiblehonours

For Ancient History and Archaeology BA, please see Archaeology

You might also be interested in Archaeology, History, History of Art and Visual Studies and Modern Languages

Find out more
www.manchester.ac.uk/classics
/Clah.Manchester
@clah_mcr

Contact details
e: ug-classics@manchester.ac.uk
t: +44 (0)161 306 1252

Classics and Ancient History at Manchester provides a truly multidisciplinary learning experience. It offers you the opportunity to explore the art, culture, history, language and literature of those ancient Greek and Roman civilisations which have been so inspirational in the formation of the modern world. Studying at one of the UK’s biggest and most prominent centres for the study of classics and ancient history will give you access to exclusive resources such as the Special Collections of The John Rylands Library (home to papyri, medieval manuscripts and early printed books including very early copies of the Homeric poems) and the Manchester Museum (the University’s own on-campus holdings).

You’ll be taught by experts in the core aspects of Greek and Roman history, culture, language and literature, and be able to choose from course units in diverse topics ranging from storytelling in Ancient Rome to slavery in Ancient Greece, from love poetry to exile literature, from Greek politics to tragic drama. You’ll have the opportunity to study ancient languages, enabling you to explore texts and literature in the original language.

WHY MANCHESTER?
• In the 2015 National Student Survey, 93% of BA Ancient History students and 92% of Classical Studies students said that they were satisfied with the overall quality of their course
• Unique resources specific to Classics and Ancient History, including the outstanding holdings of the University Library, the John Rylands Library and Manchester Museum
• Explore a wide range of topics and approaches and develop specialisms through our extensive course module selection

WHAT YOU STUDY
Our degrees are designed to provide a solid grounding in core areas of study, but also to give you opportunities to explore new areas of interest or specialism as the course progresses.

Ancient History
Explore the Graeco-Roman worlds through the eyes of the historian, by way of analysis and interpretation of both literary and material evidence.
Classical Studies

Gain a broad view of the culture, history and literature of the Greek and Roman worlds, studying primarily through ancient texts translated into English.

Classics

Focus on the study of Greek and Latin language, and study literature in its original ancient language.

In Years 2 and 3 of all courses, you’ll be able to take independent study modules and conduct research on topics of your choice, supervised individually by academic staff.

As a Joint Honours student, you’ll take an equal portfolio of our course units across your two subject areas in your first year, benefiting from the full breadth of expertise and choice in both departments. You can then weight both subjects according to your interests in your second and third year.

We encourage those studying Classics, Classical Studies and Ancient History to study an ancient language, and whether you’re a beginner or advanced, we can help you to explore your subject in depth through Greek and Latin. You can begin or resume your study of either ancient language at any point during your degree.

SKILLS AND JOB OPPORTUNITIES

You’ll develop a range of transferable skills, including the ability to think logically and imaginatively, to communicate effectively, to interpret, assess and evaluate information and data, to propose ideas and theories, to lead and participate in discussions, to work independently and to deadlines, and crucially, to demonstrate understanding of different cultures and societies.

Recent graduates have gone on to careers within the BBC, Google, UK government departments, museums, law firms, and a wide range of educational institutions.

Ninety per cent of our BA Classical Studies graduates go on to a professional or managerial role within six months of graduating.

“Studying Ancient History at Manchester has been an amazing experience. Learning what I am truly passionate about, under the tutelage of some of the best academics in the field, has been a fantastic opportunity which I would recommend to anyone.”

Jason Leader, BA (Hons) Ancient History
Typical offer

A-level A*A-A-AAA
IB 38-37 (766-666 at higher level)

Computer Science BSc 3yrs
UCAS code G400

Computer Science MEng 4yrs
UCAS code G401

Computer Science with Industrial Experience BSc 4yrs
UCAS code G405

Computer Science with Industrial Experience MEng 5yrs
UCAS code I100

Artificial Intelligence BSc 3yrs
UCAS code G700

Artificial Intelligence MEng 4yrs
UCAS code G702

Artificial Intelligence with Industrial Experience BSc 4yrs
UCAS code G701

Artificial Intelligence with Industrial Experience MEng 5yrs
UCAS code G703

Computer Science (Human Computer Interaction) BSc 3yrs
UCAS code I140

Computer Science (Human Computer Interaction) MEng 4yrs
UCAS code I142

Computer Science (Human Computer Interaction) with Industrial Experience BSc 4yrs
UCAS code I141

Computer Science (Human Computer Interaction) with Industrial Experience MEng 5yrs
UCAS code I143

Computer Systems Engineering BEng 3yrs
UCAS code HH66

Computer Systems Engineering MEng 4yrs
UCAS code GH4P

Computer Systems Engineering with Industrial Experience BEng 4yrs
UCAS code HHQ6

Computer Systems Engineering with Industrial Experience MEng 5yrs
UCAS code H650

Software Engineering BSc 3yrs
UCAS code GG6K

Software Engineering MEng 4yrs
UCAS code GG64

Software Engineering with Industrial Experience BSc 4yrs
UCAS code G603

Software Engineering with Industrial Experience MEng 5yrs
UCAS code I300

Joint courses:

Computer Science and Mathematics BSc 3yrs
UCAS code GG14

Computer Science and Mathematics with Industrial Experience BSc 4yrs
UCAS code GG41

Computer Science with Business and Management BSc 3yrs
UCAS code G4N2

Computer Science with Business and Management with Industrial Experience BSc 4yrs
UCAS code GNK1

You might also be interested in Business and Management, Electrical, Electronic and Mechatronic Engineering

Find out more

www.manchester.ac.uk/cs
@csmcr
/computersciencemcr

Contact details

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t: +44 (0)161 275 6124
Our School of Computer Science is one of the oldest and most established in the UK, with five decades of pioneering developments in the field of computing. Manchester was responsible for the birth of computing through the pioneering work of Alan Turing, and the world’s first stored-program computer, ‘the Baby’, was built here. We continue to be leaders in our field, with our research and industrial links informing the development of our degree courses.

As one of the largest schools of Computer Science in the country, we are able to offer you the option of broad-based or highly specialised degree courses. With an exceptionally low student-to-staff ratio of 12:1, you’ll still get a personal experience while benefiting from the facilities of a large school.

**WHAT YOU STUDY**

**Single Honours**

**Year 1:** Gain a thorough grounding in computing and mathematical techniques for computer science, including object-oriented (Java) programming, computer engineering, artificial intelligence, computer architecture and distributed systems. You’ll also undertake a team project to build a web-based application.

**Year 2 onwards:** Study a number of core topics such as software engineering, operating systems and imperative programming, alongside advanced, specialised computer science units such as mobile systems, symbolic AI and machine learning and optimisation. You’ll also undertake a final-year project.

**Human Computer Interaction (HCI)**

This exciting field looks at the interaction between computer systems and their human users. Course units are available in neurophysiology, advanced social network analysis, complex software engineering and application development, qualitative research design and methods.

**Computer Science and Mathematics**

You’ll gain knowledge and understanding of important mathematical ideas, combined with core computer science topics of programming and software engineering, and study the mathematical principles underpinning the foundations of computing.

**Computer Science with Business and Management**

Taught in partnership with Alliance Manchester Business School, this course combines the study of computer systems development (67%) with the study of the principles and practices of business and management (33%).

**SKILLS AND JOB OPPORTUNITIES**

You’ll gain a strong understanding of the underlying principles of computer science, while developing practical computing skills and analytical thinking, along with communication, problem-solving and team-working skills.

Employers actively target our students. Positions that our recent graduates have secured include: investment banker at Barclays, technology evangelist at Microsoft, graduate engineer at ARM, software engineer at BAE Systems, graduate developer at the BBC, high performance computing systems engineer at Red Bull F1 Racing Team and digital development manager at Universal Music Group.

“Manchester is one of the leading universities, if not the leading university, for computer science in Europe today.”

Matthew Jeffrey, Former Head of Recruitment for Electronic Arts
Established in 1884, Manchester Dental School has a long and distinguished reputation in dentistry. Our undergraduate programme is recognised for its innovation, and we were the first dental school in the UK to introduce outreach clinical teaching, where students treat patients in the community.

Today, our Bachelor of Dental Surgery (BDS) course prepares you for a career in the modern world of dental practice by combining clinical studies with basic and advanced dental sciences. Our BSc in Oral Health Sciences uses a holistic approach to primary dental care to enable you to practise as a dental hygienist/dental therapist.

WHAT YOU STUDY

You’ll be taught in small groups and will follow an enquiry-based learning programme. Once you have mastered basic competencies in the University’s facilities, you will rapidly move on to treating patients in the dental hospital and in local outreach clinics, benefiting from extensive ‘real world’ clinical exposure from the outset.

**Years 1, 2 and 3:** You will study units in Healthy Living and Orofacial Biology.

**Year 4:** You will study the above topics, as well as Patient Assessment, Disease Management, and Team-Working, Professionalism and Patient Management.

**Year 5:** You will prepare for independent practice and study a course unit entitled The Complex Patient.

See our website for details of our core subjects.

There is also the opportunity to study for an intercalated BDS degree, where you can interrupt the course for one year between Years 2 and 3 to complete the final year of a BSc Honours degree at Manchester.

Intercalated degrees offer the opportunity to study either a subject already covered in part by the BDS course or a new area in greater depth.

**SKILLS AND JOB OPPORTUNITIES**

As a BDS graduate, you can work in general practice (normally after completing a year of mandatory vocational dental practice). You can also go on to further study, with many graduates choosing to specialise in a particular branch of dentistry, such as orthodontics and endodontics.

As a graduate in Oral Health Sciences, you can work in all sectors of dentistry as a dental hygienist or dental therapist.

“Dentistry is a fantastic course at Manchester. It’s the clinical teaching staff who make this course: they are kind, caring and knowledgeable. I cannot praise them enough.”

National Student Survey, 2015
Drama at Manchester has a worldwide reputation for quality, and is ranked in the top ten UK Drama departments by the 2015 Times Good University Guide.

Our teaching is informed by recent innovations in theatre, performance and screen studies, as well as by historical practices. You’ll explore the social function of drama, theatre and screen, and the transformative potential of the performing arts in people’s lives.

The city of Manchester is globally renowned for its arts and cultural offer. It is home to the second highest concentration of theatres in the UK, as well as a multitude of cutting-edge performance groups, the Manchester International Festival and new £25m development HOME – the largest combined arts centre outside London. As a student here, you’ll benefit from close links with the neighbouring Contact Theatre and the Royal Exchange Theatre.

Our comprehensive facilities include The Martin Harris Centre, home to The Cosmo Rodewald Concert Hall and The John Thaw Studio – our main ‘lab’ for exploring performance, rehearsals and workshops, fully equipped with sound-editing and video-editing suites. As well as courses covering Theatre and Performance, Applied and Social Theatre and Screen Studies, you can also combine Drama with English Literature or Music.

**Typical offer**

A-level AAB-BBB
IB 36-31

**Drama BA 3yrs**
UCAS code W400

**Drama and English Literature BA 3yrs**
UCAS code WQ4H

**Drama and Screen Studies BA 3yrs**
UCAS code WW46

*Flexible Honours* may allow you to study an additional arts, languages or cultures subject. Find out more: www.manchester.ac.uk/flexiblehonours

For Music and Drama BA, please see Music

You might also be interested in American Studies, English Literature and Creative Writing, Music.

**Find out more**

[www.manchester.ac.uk/drama](http://www.manchester.ac.uk/drama)

[@UoMSALC](https://twitter.com/UoMSALC)

/[UoMSALC](https://www.facebook.com/UoMSALC)

**WHY MANCHESTER?**

- £6 million investment in our John Thaw Studio, a purpose-built theatre with excellent facilities staffed by professional technicians
- In the 2015 National Student Survey, 100% of BA Drama and English Literature students and 93% of BA Drama and Screen Studies students said that they were satisfied with the overall quality of their course
- Spend a semester studying in Australia or the United States at one of our dedicated partner universities

**Contact details**

e: ug-drama@manchester.ac.uk

T: +44 (0)161 275 4987
WHAT YOU STUDY

Year 1: Study core units in the theory and practice of drama, focusing on historical, contextual and theoretical themes. You’ll also cover practical, project-based course units including playwriting, and devising physical theatre and voice.

Year 2: As well as exploring drama practitioners in context – from the historical avant garde to contemporary theatres – you’ll have the opportunity to shape your learning according to specific interests. We offer a wide range of study options, from street theatre and performance in the public sphere, to Black representation on screen. You’ll also have the opportunity to develop practical skills in creating theatre and film.

Year 3: Specialise in an area of practice, such as documentary filmmaking, play-writing, directing, writing for performance, studio production or applied theatre. Continue to tailor your course with a breadth of available options, encompassing films and filmmaking, the intersection between stage and film, workshop practices and historical and contemporary aspects of theatre. You’ll also choose an area of research for your final year dissertation project.

As a Joint Honours student you’ll take an equal portfolio of our course units across your two subject areas in your first year, benefiting from the full breadth of expertise and choice in both departments. You can then weight both subjects according to your interests in the second and third year.

You’ll learn through a range of lectures, seminars, tutorials, workshops and practical group projects. For Single Honours students, at least one-third of your course units in each year will have a practical element.

SKILLS AND JOB OPPORTUNITIES

You’ll learn to: interpret and critically analyse theatre, performance and film; create original work for live performance and film; develop critical and analytical thinking and writing; and demonstrate a high level of transferable skills, especially in interpersonal communication, group work, leadership and creative problem solving.

Popular career choices among our graduates include teaching, acting, directing and writing for theatre, film, radio and television; policy making, programming and promotion in cultural practices; running applied drama projects in schools, prisons, community projects and youth clubs; and production roles in TV, film, media and theatre. Many of our graduates continue their studies to postgraduate level, and some take up a career in university teaching and research.

In the 2015 National Student Survey 90% of our Drama students said that they were satisfied with the quality of their courses.
Typical offer

A level AAA-ABB
IB 37-33

Earth Sciences MEarthSci 4yrs
UCAS code F640

Environmental and Resource Geology BSc 3yrs
UCAS code F630

Geochemistry BSc 3yrs
UCAS code F670

Geology BSc 3yrs
UCAS code F600

Geology with Planetary Science BSc 3yrs
UCAS code F6F5

Geology with Planetary Science MEarthSci 4yrs
UCAS code F6FM

Geography and Geology BSc 3yrs
UCAS code FF68

Geography and Geology with a Year Abroad BSc 4yrs
UCAS code FF86

You might also be interested in Environmental Science, Geography

Find out more

www.manchester.ac.uk/sees
@UoMSEES
/manchestersees

Contact details
e: ug-earth-sci@manchester.ac.uk
t: +44 (0)161 275 0776

Our earth sciences degrees cover all major aspects of geology, ideal if you want to keep your options open. Core teaching in all courses allows you to become a highly competent geoscientist, and follow more specialised pathways.

A degree in geology provides the perfect gateway to a career in geoscience or postgraduate study, as well as general graduate employment. Our hands-on approach to teaching provides you with the practical skills to put what you’ve learned in the classroom into practice in the field.

WHAT YOU STUDY

Single Honours

Year 1: Learn about the field of earth sciences, including its scope and its role in the exploitation and conservation of resources.

Year 2: Take a closer look at the nature, origin and distribution of sedimentary, igneous and metamorphic rocks and the processes involved in their formation. Begin to understand structural and global tectonic processes, and undertake geophysical surveys.

Year 3: Demonstrate an advanced understanding of earth science and geology, and consider taking more specialist units. Complete an independent mapping project.
Geography and Geology Joint Honours

**Year 1:** Discover the natural processes that occur on the Earth’s surface and how humans and societies have learned to exploit and protect themselves from these phenomena.

**Year 2:** Study geological processes and physical geography in more detail; discover your passion for specific topics and begin to specialise.

**Year 3:** Critically evaluate the ideas and concepts you have learned, identifying flaws in current theories and gaps in knowledge. Explore topics in greater depth via a field-based dissertation project and assessed coursework, supported and informed by the research of our academic staff.

**SKILLS AND JOB OPPORTUNITIES**

Team work, problem solving and field skills play a key role in integrating all the elements of the subject, and will also develop your transferable skills.

Geologists find employment in oil, mining, engineering, water and environmental fields as well as in teaching, at universities, and in government geological surveys.

“Manchester is a great place to study Geology. The staff are all professional, approachable and very friendly. The open door policy within the School is a fantastic service and I have always received helpful and constructive advice.”

Ed Thomas, MEarthSci Earth Sciences and current PhD student
ECONOMIC AND SOCIAL STUDIES

Typical offer
A-level AAB
IB 35

Accounting and Finance BA Econ 3yrs
UCAS code NN43

Business Studies BA Econ 3yrs
UCAS code N100

Business Studies and Economics BA Econ 3yrs
UCAS code NL11

Business Studies and Politics BA Econ 3yrs
UCAS code NL12

Business Studies and Sociology BA Econ 3yrs
UCAS code NL13

Development Studies BA Econ 3yrs
UCAS code L900

Economics BA Econ 3yrs
UCAS code L100

Economics and Finance BA Econ 3yrs
UCAS code LN13

Economics and Philosophy BA Econ 3yrs
UCAS code LV15

Economics and Politics BA Econ 3yrs
UCAS code LL12

Economics and Sociology BA Econ 3yrs
UCAS code LL13

Finance BA Econ 3yrs
UCAS code N300

Find out more
www.manchester.ac.uk/socialsciences
@ManUniEconomics

Contact details
e: socialsciences@manchester.ac.uk
t: +44 (0)161 275 1473/4748

WHY MANCHESTER?
• First run in 1903, the BA Econ is Manchester’s longest running degree course
• Unrivalled choice of more than 260 course units over three years
• Course backed by the largest student society at the University, sponsored by Ernst & Young

When you leave school or college, you may not know which areas of study you will find the most interesting. Our BA Economics and Social Studies (BA Econ) is a flexible, innovative and multidisciplinary degree that allows you to study an unrivalled range of subjects before deciding upon your pathway at the end of your first year, so you can make the crucial decisions about your study as you progress.
See the relevant pages of this prospectus for more information on the pathways available as part of the BA Econ:

• Accounting and Finance
• Business Studies and Management
• Economics
• Philosophy
• Politics
• Sociology

On graduating, your degree certificate will state your specialisation in your final year subjects.

**WHAT YOU STUDY**

**Year 1:** A broad introduction to the social sciences. Compulsory course units in economics, maths and statistics, plus optional units from accounting, finance, business, politics, sociology and other social sciences.

**Year 2:** Begin to specialise. Most students continue to take units from either two or three subject areas to keep their options open. You can also take a language or participate in our Manchester Leadership Programme.

**Year 3:** Focus your studies in either one single area or a joint pathway, according to your own particular interests.

**SKILLS AND JOB OPPORTUNITIES**

The units you choose will give you a range of subject-specific and transferable skills, including the ability to think critically, to present your ideas clearly and succinctly, analyse qualitative and quantitative data, and develop creative solutions to problems.

Some of our most recent graduates now work at Credit Suisse, Morgan Stanley, KPMG, HM Treasury and the Houses of Parliament, as audit associates, management consultants and parliamentary interns.

“The BA Econ gives a taste of what each subject is like, which has helped me to see what I am really interested in. This is one of the best parts of this course; it gives you time and opportunity to discover your passion.”

Ki Cheung, BA Econ Economics
ECONOMICS

Typical offer
A-level AAB
IB 35

Economics BSc 3yrs
UCAS code L102

See Economics and Social Studies for our Economics BA Econ

You might also be interested in Accounting and Finance, Business and Management, Economic and Social Studies, Philosophy, Politics and International Relations, Social Sciences

Find out more
www.manchester.ac.uk/economics
@ManUniEconomics

d: socialsciences@manchester.ac.uk
t: +44 (0)161 275 1473/4748

We are at the forefront of UK teaching and research in economics, offering you expertise in a wide range of theoretical and applied fields. Current research from more than 60 research-active academic staff feeds directly into your course.

Many famous names in economics have worked and studied at Manchester, including three Nobel Laureates: Sir John Hicks, Sir Arthur Lewis and more recently, Joseph Hicks.

WHAT YOU STUDY
Our dedicated degree provides you with specialist training and knowledge in the study of economics. It has a strong quantitative (mathematics and economics) core and covers fundamental elements of micro and macroeconomics. You may also specialise in economics, econometrics and mathematical economics, or financial economics.

Year 1: Core units in economics, mathematics and statistics, plus exclusive units in applied economics. Optional units include IT skills, languages, finance, other social sciences and mathematics.

Year 2: Reinforce your understanding of micro and macroeconomic principles, mathematical economics and econometrics. You’ll work towards your area of specialisation through course units such as Investment Analysis, Managerial Economics, and Development Economics.

Year 3: Compulsory units round off your understanding of core micro and macroeconomics, and advance your core skills in econometrics and quantitative skills. You may also pursue your area of specialisation via units such as Money, Banking and Financial Markets, The Chinese Economy, and Business Economics.

SKILLS AND JOB OPPORTUNITIES
You will develop the mathematical and quantitative skills necessary for further study in economics, or for a career as a professional economist.

Some of our most recent graduates now work for JP Morgan Chase, KPMG, PwC, HM Treasury and IBM, as assurance associates, graduate risk analysts and policy advisors. More than 20% choose to pursue postgraduate study.

WHY MANCHESTER?
• 90% of our graduates work in a professional or managerial role six months after graduation
• A Chair in Political Economy was founded at Manchester in 1854
• You may have the opportunity to study abroad for a semester
ELECTRICAL, ELECTRONIC AND MECHATRONIC ENGINEERING

Typical offer

A-level AAA-AAB (including Mathematics and either Physics, Further Mathematics or Electronics)
IB 37-35 (with 6 points in Mathematics and Physics at higher level)

Electrical and Electronic Engineering
Electrical and Electronic Engineering BEng 3yrs
UCAS code H600

Electrical and Electronic Engineering MEng 4yrs
UCAS code H605

Electrical and Electronic Engineering with Industrial Experience BEng 4yrs
UCAS code H606

Electrical and Electronic Engineering with Industrial Experience MEng 5yrs
UCAS code H601

Electronic Engineering
Electronic Engineering BEng 3yrs
UCAS code H610

Electronic Engineering MEng 4yrs
UCAS code H614

Electronic Engineering with Industrial Experience BEng 4yrs
UCAS code H613

Electronic Engineering with Industrial Experience MEng 5yrs
UCAS code H615

Mechatronic Engineering
Mechatronic Engineering BEng 3yrs
UCAS code HH36

Mechatronic Engineering MEng 4yrs
UCAS code HHH6

Mechatronic Engineering with Industrial Experience BEng 4yrs
UCAS code HH63

Mechatronic Engineering with Industrial Experience MEng 5yrs
UCAS code HHP3

You might also be interested in Aerospace Engineering, Civil Engineering, Computer Science, Mathematics, Mechanical Engineering, Petroleum Engineering, Physics and Astronomy, Engineering and Science with an Integrated Foundation Year

Find out more

www.manchester.ac.uk/eee
@eeemanchester

Contact details

e: ug-eee@manchester.ac.uk
t: +44 (0)161 306 4700

WHY MANCHESTER?

• Strong industry links with companies such as Siemens, Centrica, GE, Jaguar Land Rover, National Instruments, BP and Texas Instruments
• 95% student satisfaction with course quality (National Student Survey 2015)
• Average starting salary of £25,000 – above sector average

Our School of Electrical and Electronic Engineering is ideally positioned to provide you with a sector-leading education in the subjects encompassed by electrical, electronic and mechatronic engineering.

More than 73 academic staff specialise in subjects that range from nanoelectronics through to power systems.

Our cutting-edge degrees are informed by excellent research. We are unique in the UK in combining proven excellence in both teaching and research, which will influence potential employers when judging the quality of your degree.
WHAT YOU STUDY

Flexible degrees

The first three semesters of our degree courses are common, allowing you to switch between them at any time up to the end of the first semester in your second year. You can also choose between the MEng or BEng courses and you can include a year-long industrial placement as part of your study.

Electrical and Electronic Engineering

Electricity is fundamental to modern life; without a secure supply, society in its current form would collapse. Consequently, the importance of efficient and sustainable generation, secure distribution and intelligent user devices cannot be overstated. A lifetime challenge will face the next generation as traditional sources of energy run out and new ways of generating, distributing and using electricity must be sought. Electrical and electronic engineers have a vital role here.

In transport, electrical systems are increasingly being used in electric vehicles (road and rail), hybrid drives (part-electric motor, part-internal combustion engine), engine management electronics, safety systems, on-board entertainment and navigation systems.

Electronic Engineering

Electronics provide solutions for complex problems. Take the mobile phone: a very sophisticated computer and communications system that links to a worldwide network of antennas, allowing it to connect to any other mobile or landline, and to the Internet. Modern electronics requires an understanding of fundamental analogue and digital circuits to enable the design of elements that can be connected together to make systems, which serve as the modular blocks for bigger, more complex systems.

Our information age requires electronics and digital signal processing systems (for images, audio and other signals). Technological developments in communications include concurrent processing (to allow the manipulation of massive amounts of data), data networking and digital communication systems for both local distribution and across the Internet.

Mechatronic Engineering

Mechatronics is the marriage of mechanical engineering with smart electronics and software, and is vital to subjects such as industrial automation and robotics. To interact with an object, a system must know where the object is and be able to move the object and place it in a new position. The electronics therefore require information from sensors that can detect position, orientation and visual or audio signals.

Electrical inputs from the sensors have to be interpreted and the appropriate signals sent out to the actuators to perform the required operation. A good understanding of feedback control is required to be able to make changes in the system from one steady position to another, without oscillations or unpredictable movements.

You’ll learn the techniques necessary for the design and implementation of such intelligent mechatronic systems.

SKILLS AND JOB OPPORTUNITIES

Graduates from our courses go into the fields of: communications (BT, Agilent Technologies, Vodaphone, Broadcom, Nortel Networks); control and automation (Bentley, ABB, BP, Proctor and Gamble); energy (ABB, AREVA, BP, EDF Energy, E-ON, National Grid, Shell, United Utilities); design (ARUP, Rolls-Royce); information technology (Intel, IBM); automotive and aviation (Bentley, Jaguar Land Rover, Red Bull Racing, Rolls Royce); research and development (Siemens, ABB, National Grid); process engineering (BP, Shell, AMEC); investment banking (Goldman Sachs, Deutsche Bank, Citi, Deloitte); and consultancy (ARUP, Accenture, Delica).

“The strong links with industry combined with the broad-based first year made Manchester the perfect choice for me.”

Obaidah Sheikh, MEng (Hons) Electrical and Electronic Engineering
ENGINEERING OR SCIENCE WITH AN INTEGRATED FOUNDATION YEAR

Typical offer

A-level ABB–BBC
IB Available on request

We accept students from a wide range of academic backgrounds and consider each application individually. Alternative entry requirements exist for this course. Contact us for detailed entry requirements.

Engineering with an Integrated Foundation Year
4/5yrs
UCAS code H108

Science with an Integrated Foundation Year
4/5yrs
UCAS code F008

Find out more

www.foundationstudies.eps.manchester.ac.uk
@UoMFoundEPS

Contact details

e: ug-fy-eps@manchester.ac.uk
t: +44 (0)161 306 4742

WHY MANCHESTER?

• Taught by the University at the University
• Courses designed to maximise your achievement and prepare you for degree study
• The student experience is the same as any other undergraduate

WHAT YOU STUDY

You’ll study mathematics, physics and chemistry, which are essential for securing success on your future degree course. You will also be taught academic skills and information and communication technology, developing transferable skills that are necessary for undergraduate study, and complete a project in the discipline of your choice.

Diverse teaching and learning approaches include lectures, small-group tutorials, seminars and small-group project work.

Our dedicated common room offers a place to study, prepare coursework, or simply socialise. There is a strong sense of community within the student body and excellent tutorial support.

Engineering with an Integrated Foundation Year or Science with an Integrated Foundation Year are one-year courses designed to improve your mathematical and scientific knowledge so you are ready for degree-level study.

You’ll be taught by University staff with considerable experience of delivering a foundation year curriculum, in a study environment that is essentially the same as for any engineering or physical sciences undergraduate, enabling a seamless transition into the first year of your chosen degree course on successful completion of the foundation year.

You’ll be assessed by a combination of ongoing coursework and timed examinations in January and June.
Provided you meet the criteria of your chosen course, successful completion of the foundation year guarantees your progression onto the first year of an appropriate degree chosen from:

**Engineering:**
- Aerospace Engineering
- Chemical Engineering
- Civil Engineering
- Electrical, Electronic and Mechatronic Engineering
- Materials Science and Engineering
- Mechanical Engineering
- Petroleum Engineering

**Science:**
- Chemistry
- Computer Science
- Earth Sciences
- Mathematics
- Physics and Astronomy
- Textile Science and Technology (see Textiles)

You may discuss the different courses and your suitability for them with our Foundation Year Team, or the relevant admissions tutor. You’ll also receive further advice during the foundation year.

**SKILLS AND JOB OPPORTUNITIES**

These courses give you the preparation you need to proceed to a degree level course of your choice, subject to successful completion of the foundation year. After graduating from your chosen degree course you’ll have a very wide range of career options open to you. Graduates with degrees in engineering and physical sciences are in high demand by a wide range of employers.

“If it wasn’t for the Foundation Year I would not be where I am today.”

Khizer Khan, MEng (Hons) Civil Engineering
Gained a First Class Honours degree
Consultant Engineer
ENGLISH LANGUAGE FOR EDUCATION

Typical offer
A-level AAB-BBB
IB 35-32

English Language for Education BA 3yrs
UCAS code X3Q1

You might also be interested in Linguistics and English Language

Find out more
www.manchester.ac.uk/education
@ELE_UoM
/ELEUoM

Contact details
e: ug-mie-admissions@manchester.ac.uk
t: +44 (0)161 275 0969

This is a unique degree, focusing specifically on English language and its connections with education. It will provide you with an understanding of the current issues and theories within the fields of both English language and education, as well as seeing how the two interrelate.

You will explore language use, the nature of spoken and written communication, educational issues, and how language reflects and impacts upon wider society and culture. Maybe you have a strong interest in how people learn, either culturally, socially or psychologically. Or maybe you love studying contemporary English language and want to find out how it can be applied across a range of real-world settings. You will also explore the psychology and sociology of learning, as well as examining public policy in relation to issues of access, fairness and social justice.

WHY MANCHESTER?
• Excellent work experience placements to enhance your employability
• Close staff-student relationships, small group teaching and one-to-one guided supervision
• Over 90% of graduates in employment or further studies six months after completion of course
WHAT YOU STUDY

There are core course units in Year 1 and the first semester of Year 2, but you are free to select all your other taught course units from a wide range of options. This allows you to tailor the degree to your personal or professional interests as well as your future career aspirations.

You will undertake a workplace-based research placement. Previous students have gained experience working in local schools or colleges. Others have travelled the globe participating in local projects (such as building a new school for children in Ghana) or examining unusual teaching practices (such as the use of music in New Zealand to engage autistic children).

Year 1: Course units include: Key Issues in Education; Exploring Language: Pronunciation; Reading and Writing Processes; Speaking and Listening; Exploring Language: Grammar; Language Acquisition; Understanding Research; Developing Academic Writing; and Digital Study Skills.

Year 2: Course units include: Psychology for Learning; Language, Education and Society; Language and Meaning; Inclusive Education in Practice; Understanding School Culture; Teaching and Learning Mathematics; Career Management; and Research Placement.

Year 3: Course units include: Classroom Communication and Learning; Bilingualism; Social Media and Education; Global Literacy; Special Educational Needs; Organisation and Communication; Metaphor; and a Dissertation.

SKILLS AND JOB OPPORTUNITIES

The skills you’ll develop, such as written and oral communication, team working, project management and intercultural awareness, are vital for a variety of careers.

You may seek a career in school teaching, or in a related vocation such as TESOL (Teaching of English as a Second or Other Language), speech therapy, special educational needs and adult literacy. Progression to postgraduate teacher training is common and our Primary and Secondary PGCEs have been rated as outstanding by Ofsted.

Graduates have also entered careers in both the public and private sector in management, personnel, the media, publishing, the charity sector, journalism, interpreting, counselling, social or development work. Recent graduates have gained positions with BT, L’Oreal, the NSPCC, the BBC, and Boots PLC.

The University of Manchester is ranked fifth in the UK for education-related studies

The Times University League Table 2015
ENGLISH LITERATURE AND CREATIVE WRITING

Typical offer

A-level AAA-ABB
IB 37-34

English Literature BA 3yrs*
UCAS code Q320

English Literature with Creative Writing BA 3yrs
UCAS code Q3W8

English Literature and American Studies BA 3yrs
UCAS code QT37

Drama and English Literature BA 3yrs
UCAS code WQ4H

English Literature and Linguistics BA 3yrs
UCAS code QQ13

English Literature and a Modern Language (French) BA 4yrs
UCAS code RQ13

English Literature and a Modern Language (German) BA 4yrs
UCAS code RQ23

English Literature and a Modern Language (Italian) BA 4yrs
UCAS code RQ33

English Literature and a Modern Language (Portuguese) BA 4yrs
UCAS code QR35

English Literature and a Modern Language (Russian) BA 4yrs
UCAS code RQ73

English Literature and a Modern Language (Spanish) BA 4yrs
UCAS code RQ43

*Flexible Honours may allow you to study an additional arts, languages or cultures subject. Find out more: www.manchester.ac.uk/flexiblehonours

You might also be interested in American Studies, History of Art and Visual Studies, Linguistics and English Language, Modern Languages

Find out more

www.manchester.ac.uk/english
@ECW_UoM

Contact details

e: ug-eac@manchester.ac.uk
t: +44 (0)161 275 3107

WHY MANCHESTER?

• In the 2015 National Student Survey, 100% of our Drama and English Literature and our English Literature and American Studies students said that they were satisfied with the quality of their course

• The Centre for New Writing hosts a regular public event series, which brings contemporary novelists and poets to the University

• Access to the rich literary fabric of Manchester, including Manchester Literature Festival, Chetham’s Library, The International Anthony Burgess Foundation and Comma Press

At Manchester, you’ll study the full historical breadth and depth of English Literature. From the Anglo-Saxon period to American literary and cultural studies, from the Renaissance to the contemporary, you’ll explore written forms ranging from illuminated manuscripts to graphic novels, from poetry to postmodern fiction.

As well as giving you a detailed knowledge of English Literature from across the UK and beyond, we’ll train you to become an independent researcher, critical and creative thinker and persuasive writer. You can tailor your course to your individual skills and interests throughout your study, and specialise in fields such as film, popular song and new media.
You’ll have access to the exclusive Special Collections of The John Rylands Library (part of our designated National Research Library), which include treasures such as Shakespeare’s first folio, and the original archives of Elizabeth Gaskell and Ted Hughes. The University is also home to the Centre for New Writing – a major hub for new writing excellence and home to award-winning teaching staff including Booker-shortlisted M J Hyland and Jeanette Winterson.

**WHAT YOU STUDY**

You’ll gain a solid grounding in a wide variety of literature and cultural theory, and choose from a wealth of optional topics and themes, allowing you to build a tailored portfolio of units specific to your creative interests.

**Year 1:** Study core units including Reading Literature, Mapping the Medieval, Theory and Text, and Literature and History. Core units also include English Literature tutorials, which are designed to assist with the transition to university-level study. As well as oral communication, group work and leadership skills, you’ll develop an understanding of argumentation and the effective use of secondary criticism.

**Year 2:** You’ll now begin to carve your own specific pathway through key specialisms and themes. You’ll select from a wide range of optional units spanning all periods including: Shakespeare; Writing, Identity and Nation; Gender, Sexuality and the Body: Theories and Histories; and Creative Writing: Fiction.

**Year 3:** Continue to shape your studies with optional units including: Kipling, Forster and India; Screenwriting; Milton; Radical Turns: Culture and Politics in the 1930s; Revenge Tragedy; and Crime and the Law in 18th and 19th century Literature. You’ll also formulate your own research topic and bring the results together in the form of a long essay.

English Literature with Creative Writing has additional writing workshops in each year of the degree, involving both poetry and prose writing.

**SKILLS AND JOB OPPORTUNITIES**

As well as developing a first-rate appreciation and understanding of English literature, you’ll develop core transferable skills applicable to a host of different vocations. Critical thinking, independent research, creative problem-solving, persuasive written and oral communications, reflection, interpretation, textual analysis and critique play a key role in your learning.

As well as careers in writing, publishing, journalism, librarianship, teaching, new media and PR, the diverse range of skills attained through an English literature degree increasingly offer opportunities in professions such as law, accounting and finance, business management and computing. Many of our students also progress to postgraduate study at The Centre for New Writing.

“What I enjoyed most about studying English literature at Manchester was interacting with a great breadth of diverse and wonderful subjects, be they sociological, theoretical, psychological, economic or political. Not only did we analyse brilliant (and notable) literary and cultural texts, but we also studied their contextual significance through a critical lens.”

Maeve O’Sullivan, BA (Hons) English Literature.
Environmental science at Manchester develops three fundamental science strands – biosciences, geosciences and environmental physics – and then weaves them together through integrative course units to give perspective. It allows you to apply scientific concepts to real environmental problems. Our multidisciplinary, research-informed degree includes course units taught by active researchers across a range of areas, including biology, geography, planning and earth sciences. It is ideal if you are interested in the broad field, but want to keep your study options open.

**WHAT YOU STUDY**

**Year 1:** Discover the laboratory, and learn the field skills necessary to take you through your degree. Gain a firm grounding in quantitative science and start to use our wide range of IT facilities.

**Year 2:** Take advanced course units related to Earth surface processes, atmospheric physics, and how ecosystems function. Undertake geophysical surveys.

**Year 3:** Focus on an in-depth project, giving you the opportunity to carry out a substantial piece of research work independently, supervised by an expert in your chosen subject. Develop specialist interests that build upon experience gained in Years 1 and 2.

**SKILLS AND JOB OPPORTUNITIES**

Team work, problem solving and field skills play a key role in integrating all the elements of the subject, and will develop your transferable skills.

Our environmental science degrees lead to employment opportunities in commercial, industrial, government and educational sectors, as well as providing the foundation required for postgraduate study in environmental science and related science disciplines. Employment roles range from consultants and managers to scientists working in the field or laboratory.

“Manchester has not only offered me an opportunity to take a scientific approach to environmental problems, but to consider the ethical and humanistic side as well.”

Theo Orjans, BSc Environmental Science
You might also be interested in Planning and Environmental Management, Environmental Science, Earth Sciences and Geology

Find out more
- www.manchester.ac.uk/geography
- @geographyUOM
- /GeogUoM

Contact details
- e: ug-geography-admissions@manchester.ac.uk
- t: +44 (0)161 275 0969

WHY MANCHESTER?
- Top 10 in the world for Geography (QS World University Rankings 2015)
- One of Europe’s best-equipped universities for studying geography, including analytical, microscopy, sediments and project laboratories
- Heavily subsidised fieldwork throughout the course, including international trips

WHAT YOU STUDY

Geography
Entry requirements, curriculum and career opportunities are the same for our BA and BSc degrees. You begin with three main areas: human geography, people and environment, and physical geography. Course units include: economic, cultural, political, urban and historical geography; ecology; hydrology; palaeo environments; geoarchaeology; glaciology; climatology; geomorphology; remote sensing, and GIS.

Geography and Geology
A joint geography and geology degree studying earth surface processes, including earth sciences and physical geography.
Geography with International Studies

Study abroad for one year in a choice of European countries, or in Australia, New Zealand, Canada, Hong Kong, Singapore, or the USA. Dissertation work usually relates to this period of study.

Geography Integrated Master’s

Our three year geography degree plus a fourth year of specialist master’s-level study.

Geography: Complete a year-long research project and course units on evaluating geographical research and its application in policy, professional and commercial spheres.

Geography with Planning: Gain the knowledge and skills necessary for a professional career in planning and related areas. Accredited by the Royal Town Planning Institute.

Geography with International Development: Develop a specialist understanding of international development principles, concepts and practice. Highly relevant to a career in international development.

SKILLS AND JOB OPPORTUNITIES

Geography graduates are very employable; geography has one of the best graduate employment records in the country. We equip you with the skills that employers value, such as initiative, flexibility, teamwork, communication, information retrieval and research skills, independence, problem-solving and time management.

Our Geography Employability Programme draws on the expertise of the University’s Careers Service and develops your skills within a geographical context, as well as helping you to prepare for job applications.

Graduates use geographical skills directly in careers such as environmental work, regeneration, planning and education. Others follow a less specialist path in areas such as management, advertising, the media, social services, finance and the legal profession. You can also undertake postgraduate study or vocational training.

“I chose Manchester because of its strong reputation yet down-to-earth atmosphere and of course the opportunity to study abroad for an entire year!”

Chris Ruddy, BSc (Hons) Geography with International Study
HEALTHCARE SCIENCE (AUDIOLOGY)

Typical offer

- A-level ABB
- IB 33 (655 at higher level)

Healthcare Science (Audiology) BSc 3yrs
UCAS code B611

Find out more

www.manchester.ac.uk/psych-sci

Contact details

E: ug-audiology@manchester.ac.uk
T: +44 (0)161 275 3389

WHY MANCHESTER?

- 100% of our 2015 graduates were employed or in further study within two months of graduation
- Manchester Audiology students won the national British Academy of Audiology Lisa Bayliss award in 2012 and 2013 and the Oticon student of the year award in 2014
- Both the academic and practical elements of our course are grounded in clinical practice from the start

Our degree provides entry-level training for clinical audiologists as health care science practitioners. You’ll cover theoretical, practical and clinical aspects of audiology and related neurosensory topics, and benefit from supervised clinical education and practice during each of your three years.

We emphasise scientific thinking, preparing you to incorporate clinical enquiry into your chosen career path. All health care professionals should be aware of the NHS Constitution, the principles and values of which are embedded in your course.

WHAT YOU STUDY

You’ll study both academic and clinical components throughout your course. Practical skills training takes place in our well-equipped laboratories, while clinical training takes place within NHS and private clinics.

Year 1: You will study psychology, anatomy and physiology, and an introduction to health care science, working two days a week on placement with an initial introductory week block in January.

Year 2: You will focus more on specific areas of audiology and be on clinical placement two days a week. Placements are scheduled to take place during the academic year as far as possible to avoid additional expenses outside term-time.

Year 3: You will study more specialist topics while continuing to develop your overall understanding of the profession. You could also design a research project in an area of interest. You’ll undertake a substantial block placement during Semester 2.

SKILLS AND JOB OPPORTUNITIES

Our graduates can register with professional bodies including the Registration Council for Clinical Physiologists (RCCP) and Health and Care Professions Council (HCPC). Most of our graduates become clinical audiologists or hearing aid audiologists in the NHS or private sector, but others have gone on to work for manufacturers, or to further study.

In its most recent review, the National School of Healthcare Science commended our Audiology degree on areas including excellent student feedback, high-quality facilities in skills labs, and innovative work on patient and public involvement.
Typical offer

A-level AAA-ABB
IB 37-34

History BA 3yrs*
UCAS code V100

History and American Studies BA 3yrs
UCAS code VT17

History and Arabic BA 4yrs
UCAS code VT33

History and French BA 4yrs
UCAS code VR11

History and German BA 4yrs
UCAS code VR12

History and Italian BA 4yrs
UCAS code RV31

History and Portuguese BA 4yrs
UCAS code RV51

History and Russian BA 4yrs
UCAS code RV71

History and Sociology BA 3yrs
UCAS code VL13

History and Spanish BA 4yrs
UCAS code VR14

Modern History with Economics BA 3yrs
UCAS code V136

Politics and Modern History BA 3yrs
UCAS code VL12

*Flexible Honours may allow you to study an additional arts, languages or cultures subject. Find out more: www.manchester.ac.uk/flexiblehonours

For Ancient History BA, please see Classics and Ancient History

You might also be interested in Arabic and Middle Eastern Studies, Archaeology, Classics and Ancient History, History of Art and Visual Studies, Modern Languages

Find out more

www.manchester.ac.uk/history

https://UniversityOfManchesterHistoryDepartment

@UoMhistdept

www.uomhistory.wordpress.com

Contact details

e: ug-hist@manchester.ac.uk
 t: +44 (0)161 306 1251

WHY MANCHESTER?

• In the 2015 National Student Survey 100% BA Modern History with Economics students, 98% of BA History and Sociology students, and 96% of BA History students said that they were satisfied with the quality of their course

• A breadth of specialisms and diverse course content – from issues in Environmental History to Gender and Sexuality in Modern Africa

• Cutting-edge course content and innovative use of e-learning and online resources to support learning

Ranked in the top ten history departments in the UK in the QS World University Rankings 2015/16, we have a global reputation, with over 30 full-time academic staff delivering a broad range of courses spanning a wide breadth of chronological periods and geographical areas. Our courses cover almost all of human history, including British, European, American, Asian and African history, and range from the classical era (Greece and Rome), through the medieval and modern periods, to the late 20th century. We offer a wide variety of approaches to history, from political and economic history, to gender, social, cultural and colonial history.

Manchester itself is a living history book, from Peterloo to the anti-slavery movement, from Roman forts to
medieval monuments. As a student in this historically rich city, you’ll have the opportunity to draw on the abundant library, archive and museum holdings of the local area, including Chetham’s Library, The Museum of Science and Industry, The People’s History Museum and the Working-Class Movement Library. You’ll also have access to one of only five National Research Libraries, including the special collections of The John Rylands Library, as well as the exclusive holdings of Manchester Museum.

WHAT YOU STUDY

We encourage you to study a diverse range of types of history and to develop your own original and imaginative approaches to historical study.

Year 1: Study History in Practice, designed to assist you with the intellectual transition to university-level study. You can also begin to explore specific subject areas, choosing from a wide range of optional course units including The Making of Modern Russia, Science and the Modern World and Globalisation in Historical Perspective.

Year 2: Course units become increasingly specialist, offering extensive choice and flexibility, from Violence, Race and the Making of the Modern World to Europe in the Aftermath of the Vikings. You’ll also undertake an extended piece of coursework on a topic of your choice, supervised on a one-to-one basis.

Year 3: Specialise in areas of specific interest, tailoring your study by selecting from our broad portfolio of final year course units. Write a dissertation on a topic of your choice, based on independent primary research, and supervised on a one-to-one basis.

Joint Honours students take a portfolio of our course units alongside their other subject, benefiting from the full breadth of expertise and choice in both departments.

We aim to foster a vibrant culture of learning and research. Our varied approaches to teaching and assessment include lectures, seminars, field trips, small-group tutorials and web-based seminars.

SKILLS AND JOB OPPORTUNITIES

History is a popular and versatile subject, which is highly regarded by employers. Our degree courses provide expert training in analysis, critical reasoning, perception, judgement, critique and interpretation. Our extensive blend of assessment methods is specifically designed to develop important transferable skills including communication, presentation, argument and debate, teamwork, research, and time management. You’ll also have the opportunity to take professionally oriented course units, helping you to prepare your CV and find the right future career path.

Our graduates enjoy success in a wide range of careers, which reflects the high regard in which employers hold a History degree from Manchester. Graduate destinations include teaching and academia, heritage and museums, the civil service, think tanks, media and journalism, marketing and public relations, law and accountancy. Many of our graduates have pursued successful careers within companies such as the BBC, KPMG, Deloitte, Marks and Spencer, Aviva, Accenture and Barclays.

“Politics and History are subjects that fit together so well and overlap so often. The course at Manchester allows me to take modules in both disciplines and stretch myself in both subjects which I really enjoy.”

Muneera Lula, BA Politics with Modern History
**Typical offer**

A-level ABB-BBB
IB 34-31

**History of Art BA 3yrs**
UCAS code V360

**History of Art and a Modern Language (French) BA 4yrs**
UCAS code RV13

**History of Art and a Modern Language (German) BA 4yrs**
UCAS code RV23

**History of Art and a Modern Language (Italian) BA 4yrs**
UCAS code RV33

**History of Art and a Modern Language (Portuguese)**
BA 4yrs
UCAS code RV53

**History of Art and a Modern Language (Russian) BA 4yrs**
UCAS code RV73

**History of Art and a Modern Language (Spanish) BA 4yrs**
UCAS code RV43

**Archaeology and Art History BA 3yrs**
UCAS code VV43

*Flexible Honours* may allow you to study an additional arts, languages or cultures subject. Find out more: www.manchester.ac.uk/flexiblehonours

**Find out more**

- [www.manchester.ac.uk/arthistoryvisualstudies](http://www.manchester.ac.uk/arthistoryvisualstudies)
- [@AHVS_UoM](https://twitter.com/AHVS_UoM)

**Contact details**

e: ug-ahvs@manchester.ac.uk
t: +44 (0)161 306 1251

Studying art is one of the key ways in which we interpret and understand the past. Seeking to discover how art has helped people to define and reflect their place in the world offers a unique insight into how art is intrinsic to the shape of the world in which we live today.

You’ll study time periods from classical ancient Greece to contemporary and non-Western art film and photography. Throughout your course, you’ll explore subjects, objects and texts from different cultures and different historical periods, taught by art historians who are leaders in their field.

Manchester is globally renowned for its arts and cultural offer. The city is home to major galleries including The Lowry, Manchester Art Gallery and The Centre for Chinese Contemporary Art. You’ll also have access to University-owned cultural resources including The Whitworth and The John Rylands Library, a spectacular neo-Gothic building housing one of the world’s finest collections of medieval illuminated manuscripts and rare books. The Whitworth — which reopened to great critical and popular acclaim in February 2015 following a £15 million renovation — is home to world-famous collections including masterpieces by Durer, Turner, Blake, Van Gogh, Gauguin and Picasso and is used extensively in teaching and learning.

You’ll have the opportunity to travel across the world to explore renowned works first-hand. We run a dedicated field trip course unit including study in Paris, Rome, Barcelona or Berlin; offer additional second year study abroad options in Europe, USA, Canada and Hong Kong, Singapore and Seoul; and provide two students per year with exclusive access to a summer internship with the prestigious Guggenheim Foundation, Venice.

You might also be interested in Archaeology, Classics and Ancient History, History, Modern Languages

**WHY MANCHESTER?**

- Enhance your employability with placements and volunteering opportunities at the University’s award-winning art gallery, The Whitworth.
- Funded study trips to the UK and overseas, including Paris, Berlin and Rome
- Two students per year access summer internships at the world-famous Peggy Guggenheim Collection in Venice
Our new pathway, taught in conjunction with Museology staff, focuses on curating and gallery studies, covering topics such as collecting, exhibiting, and art writing.

**WHAT YOU STUDY**

**Year 1:** You’ll be introduced to key art historical concepts and methods of analysis and interpretation as well as skills in academic writing. You’ll study a breadth of material – from the ancient world to the present – as well as uncovering the evolution of the art space, from academies to museums, and from art fairs to biennials. Alongside core units exploring art from the Ice Age to Baroque and Rococo to the present day, you’ll select from range of optional multidisciplinary course units across the breadth of arts, languages and cultures.

**Year 2:** You’ll develop your critical thinking and enhance your understanding of theories and approaches in the study of art history via a combination of core and optional course units. As well as Art in Theory and The Afterlife of Objects, you’ll start to explore specific artforms and periods of interest, selecting from diverse units including Autonomous Objects: Sculpture Since 1900, British Art From Turner to Whistler, and Greek Art and The City State.

**Year 3:** You’ll take two seminar courses each semester, allowing you in-depth contact with a wide range of academic specialisms including: The Social Eye: Documentary and Anti-documentary in Photography, Picasso, Romanticism, Northern Renaissance Art, and Women and Art in Italy 1280–1530. Optional course units are taught in small groups and encourage participation and active learning, while our optional work placement offers you the chance to directly engage with cultural organisations across the city. You will also write a dissertation on a topic of your own choosing, supervised by a member of staff, giving you the chance to research a specific field of interest in depth.

As a Joint Honours student you’ll take an equal portfolio of our course units across your two subject areas in your first year, benefiting from the full breadth of expertise and choice in both departments. You can then weight both subjects according to your interests in your second and third year.

**SKILLS AND JOB OPPORTUNITIES**

A degree in art history prepares you for a career in the art world, but it also equips you with intellectual and practical skills that are applicable to many different spheres of employment. We live in an image-saturated world where understanding the power of images, and having the skills to interpret and write about them, can lead to a satisfying job.

One in 11 jobs or 8.8% of all UK jobs now fall within the creative economy, and one in six of all UK graduate jobs are also creative economy positions. The number of UK jobs in creative occupations rose to 1.9 million in 2014 – an increase of 6.4%.

Through your study you’ll develop key analytical and reflective skills, such as the ability to manage, communicate and deploy evidence; independence of mind and initiative; team-working; empathy and social insight; and intercultural awareness.

Our graduates go on to work in a breadth of sectors, including media, creative and cultural to advertising, marketing and sales, hospitality, sport and leisure and heritage, museums and galleries. Recent graduate career destinations include Royal Collections Exhibitions Curator, Archivist at Tate Liverpool and Art Officer at English Heritage. Other students undertake postgraduate study.

“I enjoyed my three years at Manchester immensely and the techniques, methods and confidence I gained have been invaluable to me in my chosen career.”

Andrew Hardman, BA (Hons) History of Art
HUMANITARIANISM AND CONFLICT RESPONSE

Typical offer

A-level AAB-ABB
IB: 35-34 (665-655 at higher level)

International Disaster Management and Humanitarian Response BSc 3yrs*
UCAS code: VL38

*Flexible Honours may allow you to study an additional arts, languages or cultures subject. Find out more: www.manchester.ac.uk/flexiblehonours

WHY MANCHESTER?

- Opportunity to engage first-hand with the people, projects and organisations that shape humanitarian, global health, disaster management, conflict response and intervention issues around the world
- Active engagement in critical analysis of key debates and challenges in disaster management and humanitarian response
- Work placements and national and international fieldwork opportunities

The Humanitarian and Conflict Response Institute (HCRI) at The University of Manchester is a leading global centre for the study of humanitarianism, conflict response, global health, international disaster management and peacebuilding. We offer an unrivalled learning environment for students interested in pursuing careers in humanitarian aid or research.

The Institute is driven by a desire to inform and support policy and decision-makers, and to foster increased professionalisation within the sector. We have forged global networks of academics and practitioners, bringing specialist knowledge and understanding of their geographical location to our teaching and research.

Our International Disaster Management and Humanitarian Response degree is a multidisciplinary course designed to enhance collaboration among natural and social sciences, medicine, and the arts. Its overall aim is to explore disaster risk reduction and humanitarian response. We seek to bridge the divide between development and humanitarian action – bringing together development planners, climate scientists and others to consider disaster risk reduction. This inclusive approach to humanitarian education mirrors the reality of aid operations, and informs both analytical and applied disciplines.

You’ll explore methods for improving the building of disaster resilience in communities, both globally and in the UK. You’ll develop research expertise, practical knowledge and management skills in disaster prevention, mitigation, preparedness, response and recovery in order to reduce negative impacts on health, social, economic and environmental spheres. Your learning will be supplemented by field study – either in the UK or abroad – where you will look at concepts such as emergency preparedness and response, and recovery and reconstruction in relation to a specific hazards and vulnerabilities.

WHAT YOU STUDY

You’ll study issues arising from relief and development work, including resilience-building and preparation for crises and disasters. You’ll develop practical expertise in risk and vulnerability analysis alongside strategic research methods including data capture, analysis and reporting.

You’ll learn about humanitarian response systems, including their design, the work of the international community in relief work, and the challenges and opportunities in the humanitarian response agenda.
We want our students to develop an informed attitude towards ethical issues impacting humanitarianism, including actions taken by government and non-government organisations in reaction to both natural and manmade disasters.

Every year, you’ll take a number of compulsory course units. This core study will be supplemented by optional course units, allowing you to tailor your study to specific needs or interests. This includes relevant multidisciplinary courses in history, politics, medicine, geography and development studies. Your final year dissertation allows you to make the focus of your last semester here truly your own, and wholly relevant to your personal interests and prospective career.

Year 1: Course units include Introduction to Disaster Studies, Introduction to Global Health, Natural and Anthropogenic Hazards and Introduction to Humanitarian Organisations and Systems.

Year 2: Course units include Emergency Planning and Response, Peace building and Security Environments, Humanitarian Response to Crisis Case Studies and Development and Disaster. Year 2 also involves a work placement.

Year 3: As well as a dissertation, Year 3 includes course units such as Managing Disaster Organisations (including field work), War, Migration and Health and Research Methods.

**Language options**

Up to a third of your degree can include language study, such as French, Arabic, German, or Russian. This option addresses demand for foreign language speakers from employers in the humanitarian sector, and would give you a great foundation for making use of your degree overseas.

**SKILLS AND JOB OPPORTUNITIES**

Our range of pioneering sector partnerships with specific national and international non-governmental organisations (NGOs) continues to shape the real-world focus of our teaching, as well as offering strong industry links to key career destinations for our graduates. Our partners include Save the Children, International Alert, Médecins Sans Frontières, The Overseas Development Institute, ALNAP, Mines Advisory Group, and The International Federation of Red Cross and Red Crescent Societies (IFRC).

HCRI’s partnership with Manchester’s UK-Med also continues to flourish, hosting the UK International Emergency Trauma and Medical Registers (UKIETR/UKIEMR) – an initiative supported by the Department for International Development (DFID).

“The classes are engaging, the teachers are fantastic and innovative with their teaching methods. Not only does this degree challenge you academically, it also provides you with valuable skills that are essential to gaining employment in the humanitarian sector.”

Humaira Patel, MA student at HCRI
Typical offer

A-level AAA-ABB
IB 37-33 (655-666 at higher level)

Criminology BA 3yrs
UCAS code M901

Criminology and Quantitative Methods BASS 3yrs
UCAS code C856

Law LLB 3yrs
UCAS code M100

Law with Criminology LLB 3yrs
UCAS code M1M9

Law with Politics LLB 3yrs
UCAS code LM21

You might also be interested in Social Sciences

Contact details

e: ug-law@manchester.ac.uk
t: +44 (0)161 306 1271

WHY MANCHESTER?

• Gain professional experience while you study by volunteering at one of our Legal Advice Centres
• Build your own professional global network via our extensive links with overseas organisations
• Access specialised training and work placements through our Q-Step summer placements

The School of Law has provided high-quality legal education for over 140 years. We offer courses in criminology, law, health care ethics, bioethics and medical law, making our range of specialisms one of the broadest in the country. The expertise of our staff is sought after globally.

Many of our academics have strong research links with organisations such as the United Nations, the World Trade Organisation, and the EU, as well as close links with legal practitioners, international law schools, the Home Office and the UN Crime Commission. Our students come from diverse backgrounds, both socially and internationally, and this makes for a dynamic and intellectually stimulating environment.

Find out more

www.manchester.ac.uk/lawschool
@law_uom
/UoMSchoolofLaw
blog.law.manchester.ac.uk
WHAT YOU STUDY

We expect you to spend around 40 hours per week studying, including between 10 and 12 hours per week in lectures and seminars. Seminars are groups of 12 students and a member of staff, in which you discuss and present aspects of the topic that you are learning.

Law

Study the foundational course units for a Qualifying Law Degree in Years 1 and 2, and specialise in subjects of your choice in Year 3.

Year 1: Study four foundational course units, each taught across two semesters including: Contract Law, Criminal Law, Public Law, and Property Law I with an intensive two-week introduction to legal systems and skills.

Year 2: Study four foundational course units and one optional course unit of your choice. The foundational course units are: Tort Law, European Union Law, Property Law II and Jurisprudence.

Year 3: Choose six optional course units from a wide range of specialist topics such as Commercial Law, Legal History, Advocacy and the Law, Human Rights, Law, Gender and Sexuality. You can submit a dissertation in place of one of these subjects.

Criminology

Criminology at Manchester enables you to understand why crime has become a dominant social problem, and how crime and criminal behaviour are related to other social issues.

Year 1: Common compulsory course units on Research Methods, Crime and Society, Foundations of Criminal Justice and Criminal Law allow you to develop an understanding of the sociological and psychological explanations for crime and criminal behaviour.

Year 2: Extend your understanding of criminological theory and your knowledge of the practices and techniques used in contemporary criminal justice systems. Become familiar with specific patterns of crime and criminality. Study theoretical and operational issues associated with the regulation of behaviour in democratic societies.

Year 3: Specialist options include The Comparative Analysis of Crime and Criminal Justice, Crime Prevention, Terrorism, Management of Offenders, Organised Crime and Drug Misuse. Expand your understanding and appreciation of the interrelationship between crime, law, criminal justice, and society.

Law with Criminology

Complete all the foundational law subjects and graduate with a Qualifying Law Degree, receiving LLB Law with Criminology.

Year 1: In your first year you will study an intensive two-week course in Legal Skills, plus course units in Crime and Society, Criminological Research Methods, Contract Law, Foundations of Criminal Justice and Criminal Law.

Year 2: In your second year you will take two further Law foundational course units, Property I and Public Law, and one foundational criminology unit on Policing and the Police. You will choose one optional law unit and one optional criminology unit from a choice of three.

At the end of your second year, you can choose to continue in your third year along Track 1 (LLB Law with Criminology) or to move to Track 2 (BA Law with Criminology). You will be given advice on your choice.

Year 3: On Track 1 you will study three foundational law course units: Tort Law, Property II and EU Law. You may then study two Criminology optional course units, one in the first semester and one in the second semester. On Track 2 you will choose from a variety of optional law and criminology course units. You may also elect to complete a dissertation.
Complete all the foundational law subjects and graduate with a Qualifying Law Degree, receiving LLB Law with Politics.

Year 1: In your first year, you will study an intensive two-week course unit in Legal Skills, together with two foundational law course units, Contract Law and Public Law. In politics you will complete two foundational politics course units, Introduction to Political Theory and either Introduction to Comparative Politics or Introduction to International Politics.

Year 2: In your second year, you will take two foundational law course units in Criminal Law and Property Law I. You will also take two law optional course units and one politics optional course unit.

At the end of the second year, you can choose to continue in your third year along Track 1 (LLB Law with Politics) or to move to Track 2 (BA Law with Politics). You will be given advice on your choice.

Year 3: On Track 1 you study three foundational law course units, Tort Law, European Union Law and Property Law II. You will also take two politics optional course units. If you select Track 2, you will choose from a variety of law and politics course units.

SKILLS AND JOB OPPORTUNITIES

Students will benefit from unique training, networking and industry experience opportunities to build truly successful careers. If you want to practise as a solicitor or barrister in England and Wales, our LLB degrees enable you to study the foundational subjects required to qualify for exemptions at the next stage in your training. You will still need to embark on further vocational training: either the Legal Practice Course and a training contract to become a solicitor, or the Bar Professional Training Course and a pupillage to become a barrister.

Criminology is a diverse and fascinating subject, and the transferable skills that you develop during your time with us will set you up for a number of paths you may not even have considered. Students who pursue careers in criminology and areas related to criminal justice can take our extensive Criminology Careers Programme. This includes Criminology Question Time, which gives you the chance to learn from and network with panelists from areas such as the police and probation services, criminal intelligence analysis, and the third sector.

“Combining law and criminology has exposed me to different teaching styles and materials, which has enhanced my experience and I have been able to acquire a unique set of skills.”

Saba’a Bajwa, Law with Criminology LLB
Typical offer

We accept students from a range of educational backgrounds, and consider each application individually. If you have taken sciences at A-level but do not achieve ABB or above, you will only be accepted onto the foundation year if there is evidence that you have underperformed due to circumstances beyond your control.

Life Sciences with a Foundation Year 4/5yrs
UCAS code C900

You might also be interested in Biosciences

Find out more

- www.manchester.ac.uk/ls
- @LifeSciencesUoM
- /LifeSciencesManchester
- /lifesciences_uom

Contact details

e: ug.lifesciences@manchester.ac.uk
t: +44 (0)161 275 5032

WHY MANCHESTER?

- Complete a thorough preparation for degree study on a biosciences related course
- Opportunity for students from a range of educational backgrounds to study science at a world-class university

If you want to enter one of our biosciences degree courses, but do not have the appropriate entry qualifications, for example if you have studied arts, languages, or social sciences at A-level, this course is for you.

You will gain the necessary academic background in biology, chemistry and mathematics to prepare you for degree-level study in the life sciences. Successful completion of the foundation year allows you direct entry onto any of our three or four-year courses.

Most of the foundation year is taught by experienced staff at Xaverian College, located about 1km south of our main University campus. We also provide a complementary programme of tutorials, seminars and laboratory practicals on our campus.

WHAT YOU STUDY

Biology: Approximately half the core content. Lectures cover a wide range of areas, including cell biology, biochemistry, genetics, biotechnology, microbes and disease, ecology and physiology. Regular laboratory work reinforces the subject material and helps you to develop practical skills.

Chemistry: More than one-third of the core course consists of chemistry, a sound grasp of which is essential for biological scientists. You will study atomic structure, bonding, rates of reaction, inorganic and physical chemistry, organic and medicinal chemistry.

Mathematics: You will learn to manipulate and analyse experimental data accurately and to use statistical and mathematical techniques in a biological context.

“The combination of a small group of students and the style of the lectures enabled me to strengthen my weaker areas and confirmed which direction I wanted to take.”

Charlotte Lindsley, BSc (Hons) Life Sciences with a Foundation Year
**Typical offer**

A-level AAB-BBB
IB 35-31

**Linguistics BA 3yrs**
UCAS code Q100

**Chinese and Linguistics BA 4yrs**
UCAS code TQ11

**English Literature and Linguistics BA 3yrs**
UCAS code QQ13

**French and Linguistics BA 4yrs**
UCAS code RQ11

**German and Linguistics BA 4yrs**
UCAS code RQ21

**Italian and Linguistics BA 4yrs**
UCAS code RQ31

**Latin and Linguistics BA 3yrs**
UCAS code QQ61

**Linguistics and Arabic BA 4yrs**
UCAS code QT33

**Linguistics and Japanese BA 4yrs**
UCAS code QT12

**Linguistics and Portuguese BA 4yrs**
UCAS code QR15

**Linguistics and Russian BA 4yrs**
UCAS code QR17

**Linguistics and Screen Studies BA 3yrs**
UCAS code QW16

**Linguistics and Social Anthropology BA 3yrs**
UCAS code QL16

**Linguistics and Sociology BA 3yrs**
UCAS code QL13

**Linguistics and Spanish BA 4yrs**
UCAS code QR14

**English Language BA 3yrs**
UCAS code Q1Q3

**English Language and Arabic BA 4yrs**
UCAS code QT34

**English Language and Chinese BA 4yrs**
UCAS code QT31

**English Language and French BA 4yrs**
UCAS code QR31

**English Language and German BA 4yrs**
UCAS code QR32

**English Language and Italian BA 4yrs**
UCAS code QR33

**English Language and Japanese BA 4yrs**
UCAS code QT32

**English Language and Portuguese BA 4yrs**
UCAS code QR53

**English Language and Russian BA 4yrs**
UCAS code QR37

**English Language and Screen Studies BA 3yrs**
UCAS code QW36

**English Language and Spanish BA 4yrs**
UCAS code QR34

*Flexible Honours* may allow you to study an additional arts, languages or cultures subject. Find out more: www.manchester.ac.uk/flexiblehonours

You might also be interested in Classics and Ancient History, English Language for Education, Modern Languages

Find out more

- www.manchester.ac.uk/languagesandlinguistics
- @UoMLEL
- www.manling.wordpress.com

Contact details

e: ug.languages@manchester.ac.uk
t: +44 (0)161 275 3211
Linguistics is the ideal subject for analytical minds. You’ll delve into the science of language – an everyday phenomenon which impacts all our lives on a global scale. English Language covers the history of the subject. You’ll study the sounds, words and structures of contemporary English, and have the opportunity to conduct first-hand research on linguistic variation in English in the UK and further afield. As a Linguistics student, you’ll study how children acquire language, and how they develop and manipulate their language skills according to need. You’ll learn about the sounds and structures of speech, how words relate to thought, and how we use words to convey meaning, develop relationships and establish identities.

You’ll study topics including: the ways in which dialects differ; how Old English developed into Modern English; how children acquire their first language; differences between the speech of men and women; how we communicate as individuals and within groups and what happens when speakers of different languages come into contact. You’ll also discover how language can be used to shape and manipulate ideas and opinions.

You’ll have the opportunity to use ultrasound imaging, laryngograph, and electroencephalography (EEG) technology in the phonetics lab to carry out detailed study of other languages and dialects of English. Furthermore, you’ll study in the most linguistically diverse city in Western Europe – home to over 150 languages.

WHAT YOU STUDY

Year 1: Learn to look at language from a whole new perspective. Gain a solid grounding in linguistics and language with core course units including: Introductions to Phonetics and Phonology; Semantics; English Grammar; Sociolinguistics; Morphology and Syntax and the Principles of Linguistics. Choose from optional course units including Language, Mind and Brain to The Linguistics of Names.

Year 2: Tailor your degree to suit your interests. Choose from a wide range of optional units tapping into academic expertise in a number of specialist fields – from Child Language Acquisition to Psycholinguistics, from The Linguistics of American English to Experimental Phonetics.

Year 3: Continue to tailor your study through a wealth of different course options spanning subjects as diverse as Language and Mediality, Societal Multilinguism, Language Contact and formal semantics and syntax. You’ll have the option to draw together your expertise in the form of a dissertation.

As a Joint Honours student you’ll take an equal portfolio of our course units across your two subject areas in your first year, and you can then weight both subjects according to your interests in your second and third year.

SKILLS AND JOB OPPORTUNITIES

As a Linguistics and English Language student you’ll develop analytical and problem solving skills. Often dealing with granular and complex data, your combination of humanities and scientific understanding will allow you to make connections across multiple fields of employment. You’ll acquire key transferable skills in data capture and analysis, interpretation, critical thinking, and attention to form and detail.

As well as specialist fields such as speech and language therapy, lexicography (dictionary work), translation, forensic linguistics, and teaching English as a first or foreign language, your skills will open up numerous paths with an international dimension – such as business and finance. You will also have excellent all-round communication skills making you a strong contender for openings in the media, PR, advertising, marketing and communications.

Our graduates have pursued successful careers at The Guardian, PwC, L’Oreal, Universal Music Group, and Vodafone.

“The staff are friendly and they are willing to answer questions which go beyond the material covered in lectures.”

Anonymous comment in National Student Survey 2015
Typical offer
A-level ABB-BBB
IB 34-32

Management, Leadership and Leisure BA 3yrs
UCAS code N871

You might also be interested in Business and Management

Find out more
www.manchester.ac.uk/education

Contact details
e: ug-mie-admissions@manchester.ac.uk
t: +44 (0)161 275 0969

Manchester is globally renowned for its sports and music, as well as its thriving arts and cultural offer. The city is home to world-famous sports venues and major music venues including The Academy which is part of our Student’s Union. Manchester also boasts a range of museums and galleries, including University-owned Manchester Museum and the award-winning art gallery, The Whitworth, right on campus.

This degree centres on the study and development of management and leadership skills, and is taught in the context of the leisure sector. Exploring sports, events and tourism, the course is more comprehensive than traditional leisure and management courses which normally focus on management in just one specific area, such as sport or events management. This degree covers both management and leadership, and allows you to choose course units from the three areas of sport, events and tourism. This flexibility allows you to either specialise in one area which you are passionate about, or to develop knowledge of all three, giving you greater choice over your future career direction.

Applied study periods (similar to work placements) lasting two weeks in Year 1, four weeks in Year 2, and 10 weeks in Year 3, will give you the opportunity to apply the theories you have studied to real life projects/operations in the leisure industry. Previous students have enjoyed applied study periods at Manchester United, the BBC, Visit Manchester, Chelsea Football Club, Birmingham Botanical Gardens, Sandown Park Racecourse, Gap PR and Marketing Ltd, Co-operative Group, Grand Hyatt Tokyo and the YMCA.

WHY MANCHESTER?

• Tailor your degree through options in sport, tourism and events management
• Build industry contacts and gain vital employability skills through UK and international work placements
• Manchester’s leisure, cultural and tourism sector is thriving, and Manchester Museum and The Whitworth are on campus
WHAT YOU STUDY

The degree combines academic study with professional training, offering the opportunity to gain an understanding of the nature and scope of management and leadership in the leisure industry, while gaining practical experience to develop skills and boost employability.

The first year draws upon the disciplines that underpin management and leadership and provides an introduction to the leisure sector.

In your second year, you will continue to study leadership, human resource management, marketing, finance and research methods. A career management unit focuses on building transferable skills and understanding the practicalities of job-hunting.

The final year aims to deepen your knowledge and understanding of management-related processes, marketing and promotion. It is split into two distinct semesters. Semester one continues with management, leadership, marketing and research methods, and more detailed study takes place through optional units in sport, events and tourism, as well as running your own business. Semester two includes an extended applied study period and a dissertation.

SKILLS AND JOB OPPORTUNITIES

There is a broad range of career opportunities within the leisure industries, including: the arts; events management; entertainment; sports and recreation; theatres; tourism attractions; and tour operators. Graduates have gone on work as: events executives; tourism officers; marketing officers; communications planners; sports development officers; sports coaches; community fundraisers; business development consultants; and project managers.

Whether you want to go into a leisure-based management or leadership position, or run your own leisure-related business, this degree will equip you with the skills and knowledge necessary. However, the broad base of the course, particularly the focus on management and leadership skills, will also lay the foundation for employment in other sectors.

“I believe this course will give me the confidence, knowledge and experience to compete in a highly competitive job market.”
Emma Godfrey, BA Management, Leadership and Leisure
Typical offer

A-level AAA-AAB
IB 37-35

Materials Science and Engineering BSc 3yrs
UCAS code J500

Materials Science and Engineering MEng 4yrs
UCAS code J501

Materials Science and Engineering with Biomaterials
MEng 4yrs
UCAS code F201

Materials Science and Engineering with Corrosion
MEng 4yrs
UCAS code F203

Materials Science and Engineering with Metallurgy
MEng 4yrs
UCAS code F200

Materials Science and Engineering with Polymers
MEng 4yrs
UCAS code F204

Materials Science and Engineering with Textiles
Technology MEng 4yrs
UCAS code F205

You might also be interested in Chemistry, Chemical Engineering, Computer Science, Petroleum Engineering, Physics and Astronomy, Textiles, Engineering and Science with an Integrated Foundation Year

Find out more

www.manchester.ac.uk/materials
@UoMMaterials

Contact details

e: ug-materials@manchester.ac.uk
t: +44 (0)161 306 4360

Materials science and engineering combines an understanding of the fundamental behaviour of materials from jet engines to nano-robots, from artificial tendons to bullet-proof vests, and from the materials of today to those for future applications, such as graphene.

It is a practical subject at the heart of all major industrial sectors, which combines theory with practical application to meet engineering challenges.

WHAT YOU STUDY

Our courses give you maximum flexibility to follow your own interests as they develop during your time with us. With five specialist four-year courses, plus the option to create your own pathway through choices in Years 3 and 4, you are in control of what you study.

All MEng courses give you the option of undertaking a six-month industrial placement in the UK or overseas, at global companies such as Rolls Royce, Airbus and Tata Steel, supported by training in business and management skills.

All our courses develop a strong foundation of theoretical and practical skills. The first two years are common to all courses and build on a fundamental understanding of science and engineering application of all types of materials through taught units that include Principles of Functional Materials, Mechanics and Micromechanics, and Characterisation and Materials Physics.

After Year 2, you can increasingly specialise, following your own interests in biomaterials, polymers, metallurgy, corrosion, or textile technology.

WHY MANCHESTER?

• Europe’s largest and most diverse university actively devoted to materials
• Excellent opportunities to meet potential employers
• All MEng courses are accredited by the Institute of Materials, Minerals and Mining (IOM3), leading to Chartered Engineer (CEng) status
SKILLS AND JOB OPPORTUNITIES

As well as an in-depth knowledge and understanding of materials science, you’ll develop many skills that are easily transferable and highly desirable for employers, including complex problem solving, data processing and analysis, communication and team working.

Potential careers include consultancy, research and development, management positions, and teaching and technical roles within both large multinationals and smaller businesses.

Companies that our recent graduates have gone on to work for include Rolls-Royce, Airbus, Jaguar, 3M, Alcoa and Corus. Other graduates choose to apply their technical and analytical skills in fields such as patent law and accountancy.

Our annual ‘Made in Manchester’ careers event attracts many of the UK’s leading employers of Materials Scientists.

Our degrees also provide an ideal springboard for higher level study (eg towards a PhD), and approximately one-third of our graduates follow this route.

Our School has an international reputation as one of the academic leaders in materials teaching and research.
Typical offer

A-level A*AA-AAA
IB 37

Mathematics BSc 3yrs
UCAS code G100

Mathematics MMath 4yrs
UCAS code G104

Actuarial Science and Mathematics BSc 3yrs
UCAS code NG31

Mathematics and Philosophy BSc 3yrs
UCAS code GV15

Mathematics and Statistics BSc 3yrs
UCAS code GGC3

Mathematics and Statistics MMath 4yrs
UCAS code GG13

Mathematics with a Modern Language BSc 4yrs
UCAS code G1R9

Mathematics with Finance BSc 3yrs
UCAS code G1N3

Mathematics with Financial Mathematics BSc 3yrs
UCAS code G1NH

Mathematics with Financial Mathematics MMath 4yrs
UCAS code G1NJ

You might also be interested in Accounting and Finance, Computer Science, Economics, Engineering, Physics and Astronomy, Engineering or Science with an Integrated Foundation Year

Find out more

www.manchester.ac.uk/maths
@ManUniMaths
/ManUniMaths

Contact details

e: ug-maths@manchester.ac.uk
t: +44 (0)161 275 5803/4

WHY MANCHESTER?

• £43 million building, purpose-built for mathematics, with PC clusters, study areas, cafe, meeting rooms and communal areas

• Excellent links with employers, including an annual maths-specific careers fair and an employer interview programme

• One of the largest mathematics departments in the country, allowing you to explore a huge range of areas across the discipline

We have always been known for the quality of our teaching and degree courses. Today, our excellent resources and modern, purpose-built facilities enable us to offer considerable small-group teaching in your first year while you adjust to university life.

The number and quality of academic staff in our School gives you a huge range of options in your third and fourth years, allowing you the freedom to specialise in whatever area of mathematics you wish.
WHAT YOU STUDY

Single honours

Year 1: Study a wide range of topics, including pure maths, applied maths, statistics and probability. Learn how to use maths software such as MATLAB.

Year 2: Half of your course units are choices, so you can start to specialise in some of the areas listed above, or perhaps in financial maths or logic.

Year 3: All course units are options, and cover a wide variety of topics, so you can specialise further if you wish.

Joint honours

‘Maths and x’ courses are 50% maths; ‘Maths with x’ courses are two-thirds maths.

Year 1: Study a similar core of pure and applied maths, statistics and probability.

Further years: Enjoy some flexibility to specialise with optional course units.

SKILLS AND JOB OPPORTUNITIES

You’ll develop transferable skills in problem solving, organisation, logical thinking, attention to detail and analysis and interpretation of data.

Our maths graduates are in high demand, with some of our most recent graduates including accountants, actuaries, engineers, software developers and meteorologists. A significant number of our students go on to postgraduate study.

Every year we run a maths-specific careers fair open to all maths students. It is attended by a large number of employers from a wide variety of industries, and previous attendees include: Amazon, Amec, Barclays, BP, Deloitte, HMRC, IBM, The Institute and Faculty of Actuaries, Jaguar Land Rover and PwC.

“There's a great sense of community within the department and the Alan Turing building is definitely one of the best buildings on campus, with access to brilliant facilities.”

Deborah Lowi, BSc (Hons) Mathematics

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Typical offer

A-level AAA-AAB
IB 37-35

Mechanical Engineering BEng 3yrs
UCAS code H300

Mechanical Engineering MEng 4yrs
UCAS code H303

Mechanical Engineering with Industrial Experience MEng 5yrs
UCAS code H301

Mechanical Engineering with Management BEng 4yrs
UCAS code H3N1

Mechanical Engineering with Management MEng 4yrs
UCAS code H3ND

You might also be interested in Aerospace Engineering, Computer Science, Civil Engineering, Electrical, Electronic and Mechatronic Engineering, Mathematics, Physics and Astronomy, Engineering and Science with an Integrated Foundation Year

Contact details

e: ug-mace@manchester.ac.uk
t: +44 (0)161 306 9210

WHY MANCHESTER?

• Manchester was the first English university to offer an engineering degree
• Extensive engineering industry links, elevating undergraduate teaching and ground-breaking research

Find out more

www.manchester.ac.uk/mace
@School_of_MACE
/UoMMACE

Mechanical engineering is a broad discipline that has a strong impact on our everyday life. Automobiles, jet engines, trains, ships, power stations, water supply pumps, air conditioning equipment, home appliances, life-saving medical equipment and implants, and machines of all conceivable shapes, sizes and complexities are all created by mechanical engineers.

The economic impact of this discipline is enormous and there is no major economy that does not have a dynamic and vibrant mechanical engineering industry.

Mechanical engineering is a highly challenging subject that stretches students of the highest intellect. A professional mechanical engineer needs a sound understanding of the engineering science, strong analytical skills, practical judgement, creativity and the ability to work with and manage people.

You will have access to excellent resources for information, computation and experimentation such as extensive laboratories and specialist design software, all of which are essential for degree success.
WHAT YOU STUDY

Our degrees produce graduates that are highly valued by employers. Courses are delivered in a variety of teaching styles that reflect the diversity of topics covered in modern mechanical engineering and the range of skills and expertise that you must develop as a professional engineer. Our students are often involved in working on projects with commercial partners and this enables our teaching to be up-to-date and relevant.

In Years 1 and 2 you will gain basic engineering knowledge and skills across the breadth of the discipline. Year 3 further develops these, and introduces some options and a major individual project. For MEng students, Year 4 provides a wider range of advanced options, to suit your interests and career aspirations, and also includes a major group project.

As well as our main mechanical engineering degree courses, we offer courses in mechanical engineering combined with management, or with a year’s industrial experience. There is commonality across these courses, especially in Years 1 and 2, so you can transfer between them.

SKILLS AND JOB OPPORTUNITIES

Professional mechanical engineers can work in a whole range of industries and our graduates enter the full breadth of aerospace, automobile, building services, construction, electronics, manufacturing and the process industries. The demand for mechanical engineers is high and relatively stable. Mechanical engineers also find employment opportunities in other branches of engineering, where their key skills can play important roles.

You will develop transferable skills such as simulation, problem-solving, design, management and modelling, enabling you to adapt to new challenges and offer a broad insight into engineering solutions once you graduate.

As a graduate of Mechanical Engineering with Industrial Experience or Mechanical Engineering with Management, you will emerge with not only solid engineering training, but also a useful insight into the commercial world, which equips you for a diverse range of careers, including general management and sales, as well as jobs in more technical fields.

All our Mechanical Engineering Honours degrees are accredited by the relevant professional institutions. This means your degree will be recognised as providing the educational base of Chartered Engineer (MEng) or Incorporated Engineer (BEng).
**Typical offer**

Due to the detailed nature of entry requirements for medicine courses, we are unable to include a typical offer in the prospectus. For complete and up-to-date information on our entry requirements, please visit our website.

If you are uncertain about the acceptability of your status or qualifications, please contact us. We offer a personal service to all our applicants.

**Medicine MBChB 5yrs**  
UCAS code A106

**Medicine (including Foundation Year) MBChB 6yrs**  
UCAS code A104

**Find out more**

[www.manchester.ac.uk/mms](http://www.manchester.ac.uk/mms)  
[@MMS_UoM](https://twitter.com/MMS_UoM)  
[@manchestermedicalschool](https://www.facebook.com/manchestermedicalschool)

**Contact details**

e: ug.medicine@manchester.ac.uk  
t: +44 (0)161 275 5025/5774

Manchester Medical School is the largest medical school in the UK and produces highly competent junior doctors, scholars and scientists. We are the biggest supplier of health care graduates to the NHS in the north-west of England, and our graduates are also sought after by public and private sector employers worldwide.

We use a wide variety of teaching and learning methods, but the key Manchester approach is the study of clinical cases in small groups to emphasise enquiry, discussion and self-education, which are all essential skills for doctors. This is supported by lectures, practical classes (including anatomy dissection) and significant clinical experience. Your medical education will be patient-orientated and clinically grounded.

Our flexible course allows you to create a bespoke education suited to your specific interests. A European Studies option allows those with relevant, pre-existing language ability to develop competency in medical terminology and gain exposure to other European health care systems.

**WHY MANCHESTER?**

- **Clinical case-based learning in small groups, with whole body cadavers and virtual dissection used in anatomy**
- **Clinical experience from Year 1 in NHS hospitals and GP surgeries, underpinned by innovative consultation skills teaching**
- **First medical school in Europe to provide clinically based students with iPads as a learning aid**
WHAT YOU STUDY

Our course integrates science and clinical learning to enable you to apply scientific knowledge and concepts to your clinical practice.

Years 1 and 2: You will study the foundations of the biological, social, behavioural and clinical sciences underpinning medicine. Within a few weeks of starting, you will meet patients in the community and in teaching hospitals.

Years 3 and 4: You will acquire clinical competence via ongoing clinical science learning in hospitals and community placements. You’ll have a base hospital where you will spend a greater proportion of your time, with time at other hospitals and clinical placements according to areas of specialty and expertise.

Year 5: You will undertake clinical placements that enable you to apply the skills, knowledge and attitudes you have learnt to date. You will prepare to become a foundation doctor and take on supervised responsibility for patient care. You could also undertake an overseas elective placement.

Our programme also allows you to interrupt your medical studies for one year to study an intercalated degree.

SKILLS AND JOB OPPORTUNITIES

Our graduates meet the core requirements for junior doctors. Successful completion entitles you to apply for provisional registration with the General Medical Council and apply for Foundation Year 1 posts.

Most UK medicine graduates go on to work as hospital doctors, or in primary care for the NHS. Up to 50% of all UK medicine graduates become GPs, providing health care for local communities. However, a broad spectrum of careers is open to you across medical, surgical and other specialties.

“Manchester Medical School’s MBChB programme is excellent, innovative, well-run by a highly-committed programme team and appreciated by its students.”

General Medical Council Periodic Review
We have an excellent reputation for providing midwifery education at Manchester. Our cutting-edge curriculum, which integrates theory and practice, has been highly commended by the Nursing and Midwifery Council (the professional regulator for UK midwives) and other external reviewers for its innovative design and women-centred approach.

You’ll enjoy excellent student support and develop high standards of clinical competence along with effective leadership skills.

At Manchester, we are fully committed to working in partnership with women and local maternity services, proactively addressing the needs of local communities in developing the future maternity workforce. We appreciate diversity and the principles of equity, foster multidisciplinary working in health service delivery, and work to help midwives keep birth ‘normal’.

MIDWIFERY

Typical offer

AAA–ABB
IB 34

Midwifery BMidwif 3yrs
UCAS code B720

Find out more

www.manchester.ac.uk/midwifery

Contact details

e: ug.midwifery@manchester.ac.uk
t: +44 (0)161 306 7602
WHAT YOU STUDY

Year 1: You will develop basic clinical skills, enhance your academic skills, learn about bio-sciences in relation to childbearing and grow to understand women’s needs during pregnancy and birth, before focusing on providing care following birth and supporting successful breastfeeding. You will examine some social factors contributing to health inequalities among childbearing women, and develop your understanding on how evidence is used to determine best practice through a research unit, developing skills to use such evidence for yourself.

Placements start from week eight and continue throughout your degree. You are likely to work three days in placement and two days in university each week.

Year 2: You will focus on providing midwifery care for women with more complex needs, including safe management of medications. You will work with other students on a leadership unit and commence a case-holding experience, providing continuity of care for a small number of women through the childbearing process.

Year 3: This year will help you develop your confidence and competence, ready for employment, by enhancing your skills for managing midwifery emergencies and helping you develop strategies to tackle common health issues and contemporary midwifery challenges. You will also complete a dissertation.

SKILLS AND JOB OPPORTUNITIES

In addition to midwifery competencies, you will learn about public health, research and leadership. As well as gaining an academic qualification, successful students become eligible for registration with the Nursing and Midwifery Council as a midwife, allowing you to practice in a wide range of settings across the UK.

Career opportunities include working as a clinical midwife in hospital or community settings, specialist midwifery roles, research midwife posts, midwifery management, and various public health roles, as well as education. This course is an ideal start for anyone wanting to become a future leader within the midwifery profession.

Overall student satisfaction is consistently high, at 90-100%

National Student Survey
Typical offer

A-level AAA-BBB
IB 37–31

Please note that entry requirements vary according to subject. Please see the Course Index on p196 for specific entry requirements.

Arabic Studies BA 4yrs*
UCAS code T624

Chinese Studies BA 4yrs*
UCAS code T100

French Studies BA 4yrs*
UCAS code R110

German Studies BA 4yrs*
UCAS code R210

Italian Studies BA 4yrs*
UCAS code R300

Japanese Studies BA 4yrs*
UCAS code T200

Russian Studies BA 4yrs*
UCAS code R700

Spanish, Portuguese and Latin American Studies BA 4yrs
UCAS code RR45

Modern Language Joint Honours
(various subject combinations available) BA 4yrs
UCAS codes vary – please see Course Index.

*Flexible Honours may allow you to study an additional arts, languages or cultures subject. Find out more: www.manchester.ac.uk/flexiblehonours

We offer a breadth of Joint Honours degrees which feature a combination of two modern languages, or a modern language combined with Biosciences, Business and Management, English Literature, History, Linguistics and English Language, History of Art and Visual Studies, Latin or Mathematics. We also offer European Studies and a modern language which combines the study of a language with the core units in politics, focusing on international and comparative politics, and on Europe and the European Union.

We also offer a four, five or six-year Integrated Professional Master in Languages (IPML) which allows you to study two modern languages at an advanced level (post-A-level or equivalent) with the final year taught and assessed at master’s level.

For a full list of available Modern Languages Joint Honours degrees and Integrated Professional Master in Languages programmes, see the Course Index on p196.

Find out more

GET IN TOUCH

www.manchester.ac.uk/modern-languages

Arabic and Middle Eastern Studies

www.manchester.ac.uk/middleeasternstudies

Chinese Studies

www.manchester.ac.uk/chinese

French Studies

www.manchester.ac.uk/french

@UoMFRENCH

German Studies

www.manchester.ac.uk/german

@UoMGerman

Italian Studies

www.manchester.ac.uk/italian

@UoMItalian

Japanese Studies

www.manchester.ac.uk/japanese

@japanesemanchester

Russian and East European Studies

www.manchester.ac.uk/russian

Spanish, Portuguese and Latin American Studies

www.manchester.ac.uk/splas

@splasmanchester

Contact details

e: ug.languages@manchester.ac.uk

t: +44 (0)161 275 3211

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Our modern languages provision is among the most diverse in the UK, featuring over a hundred different subject combinations. We offer nine different European, East Asian and Middle Eastern languages at degree level: Arabic, Chinese, French, German, Italian, Japanese, Portuguese, Russian and Spanish. You can also learn Catalan and Portuguese as part of the Spanish programme, and learn Polish as part of the Russian programme.

All our languages can be studied from scratch or post A-level, whether you choose to study for a Single Honours degree – focusing on one language and culture or region – or for a Joint Honours degree, combining two languages together or one language with a subject like History, English Literature or Business and Management.

As a Single Honours student you’ll also have the option to study subjects from across the breadth of Humanities and The University College for Interdisciplinary Learning.

Language study offers much more than just language fluency. You’ll explore diverse aspects of the culture, society, history, politics and literature of the countries in which your chosen languages are spoken, helping you to develop intercultural awareness and communication skills – both highly valued by employers. Studies show that nearly two-thirds of UK businesses value foreign language skills. Through your studies you’ll acquire transferable expertise at the very heart of language learning, including enhanced powers of perception and interpretation and advanced decision-making and multi-tasking skills.

You’ll benefit from excellent teaching, student support and cutting-edge study facilities, as well as from the vibrancy and cultural diversity of Manchester itself, Western Europe’s most linguistically diverse city. With placement options available at partner universities and in professional environments across the globe, a compulsory third year abroad gives our undergraduate students unforgettable and invaluable personal and professional experience.

RESIDENCE ABROAD

All of our modern language degrees offer the opportunity to study and/or work for up to a year in a country (or countries) relevant to your chosen language(s). Your residence abroad will strengthen your language skills and employability in many ways, and provide a valuable and inspirational life experience. Whether you go to Hong Kong or Hamburg, Sao Paulo or Siena, you’ll improve your communicative language skills through focused learning in a native-speaker environment, and develop a first-hand understanding of the history and culture of your host country.

Many students spending a full academic year abroad apply through the British Council to work as English Language Assistants. Students can arrange other forms of paid and unpaid work ranging from placements with blue chip companies to voluntary work. Our award-winning Careers Service advertises overseas placement opportunities and offers support with the application process.

Alternatively, you can choose to undertake a period of study with one of our partner institutions at locations across the globe, from the Sorbonne University in Paris to the University of Tokyo in Japan.

We’ll provide you with support before and during your time abroad, including: access to residence abroad discussion forums; peer-to-peer advice from students currently studying overseas; pastoral visits and a dedicated Residence Abroad Coordinator.

WHY MANCHESTER?

• Close associations with key city-based cultural institutions, including The Alliance Française, Goethe Institut, Società Dante Alighieri, Instituto Cervantes, Instituto Camões and The Confucius Institute

• We boast a strong peer support network, including peer mentoring programmes and peer-assisted study schemes

• Our facilities include our state-of-the-art University Language Centre, a new interpreting suite and purpose-built recording rooms

• We offer a range of bursaries and maintenance grants to support residence abroad activity

• Undertake additional language learning courtesy of our Language Experience for All Programme, including Dutch, Urdu and Greek
For more details including residence abroad configurations for Single and Joint Honours degrees, costs and financial support, available study destinations and work placement options, visit: www.manchester.ac.uk/residenceabroad

WHAT YOU STUDY

Arabic Studies

Year 1: Study core course units in Arabic Language and The Contemporary Middle East, designed to provide a thorough grounding in both communication and cultural context. You'll cover key subjects including history, politics, economics, society, religion, arts and gender, and use your language skills to digest authentic Arabic texts.

Year 2: Advance your language skills by covering more sophisticated grammatical structures and a wider range of expressions, including variability and dialects. Another core course unit provides orientation in the critical discussion of objectivity in scholarship about the Middle East. Select from optional course units such as Women and Gender in the Middle East and Key Debates in Modern Islam.

Year 3: Residence abroad. Study destinations include: Amman in Jordan and Fez in Morocco.

Year 4: Continue to tailor your degree by selecting from our broad portfolio of final-year course units including Arabic for Business, Classical and Modern Arabic Readings on Islam and an optional dissertation based on a research topic of your choice. Through advanced language study you'll master complex structures with high fluency covering a range of topics. Additional core course units include Modern Arabic Literature and Culture and Society in the Middle East and North Africa.

You might also be interested in BA Middle Eastern Studies (see p82), which covers essential aspects in the history, politics and culture of the Middle East, without a requirement to learn Arabic.

Chinese Studies

Year 1: Study core course units: Introduction to Chinese Studies; Modern China: from the Opium War to the post-Mao era; Introduction to Comparative Politics, covering the political makeup of China in comparison with Western equivalents, as well as the rich history behind modern-day China. Select language units according to ability – from beginner to upper-intermediate.

Year 2: Course units become increasingly specialist, ranging from Introduction to Classical Chinese to Art in East Asia. Progress your language skills according to your level of fluency. From Chinese Politics Today to Families and Social Networking in China, you’ll have the chance to build a broader cultural understanding ahead of your residence abroad.

Year 3: Residence abroad. Study destinations include Beijing, Shandong, Guangzhou, Shanghai, Hangzhou and Nanjing in China, as well as locations in Hong Kong and Taiwan.

Year 4: Develop proficiency in key areas of interest with optional units ranging from Contemporary Pop Culture in Greater China to The Chinese Economy. You’ll master written and oral fluency across a breadth of subjects with advanced language study, and may choose to draw together your own personal research through of a dissertation on a subject of your choice.

French Studies

Year 1: Gain a firm grounding through our core language course unit, designed around grammar, spoken skills and independent learning. We’ll provide you with the intellectual and analytical tools required to make the transition to university level study, and offer insights into French history, art, cinema and literature. Optional units include French Linguistics and Modern French Literature.

Year 2: Advance your language skills, expressing coherent ideas and arguments with grammatical accuracy. Gain knowledge of a range of social, cultural, intellectual and professional issues in France and the French-speaking world in preparation for your residence abroad. You’ll also select from optional course units covering literature, history, popular culture, linguistics and translation – including Literature and Social Issues in France and French Cinema to 1980.
Year 3: Residence abroad. Work/study destinations include Avignon, Grenoble, Lille, Lyon, Paris, Rennes and Toulouse in France, as well as French-speaking locations in Switzerland, Québec, Belgium, and on the islands of Martinique and La Réunion.

Year 4: Continue to build language proficiency through core language study, putting advanced skills in linguistics and grammar to the test via essay, translation, debate and presentation. Select from a breadth of optional units including: French and Francophone Cinema; Protest Music in France; Introduction to Interpreting; French Critical Theory and Philosophy; and French Literature from the 18th Century to the Present. Opt to undertake a dissertation on any French or Francophone topic of your choice.

German Studies

Year 1: Gain a solid grounding in German language and explore German geography, society, politics, culture, history and literature. Examine crucial concepts such as ethnicity, social class, gender and sexuality, and understand how historical change happens and how it influences society. You’ll build your linguistic expertise, grammar competence and vocabulary range and equip yourself with key skills including the ability to analyse and present material.

Year 2: Advance language skills acquired in your first year, developing your competence through the study of culture and society in Germany and Austria. Optional course units become increasingly specialised, allowing you to explore a diverse range of interests including: Culture and Dictatorship in 20th century Germany; The German Language Today; Translating New Writing; and Gender, Sexuality and Race.

Year 3: Residence abroad. Work/study destinations include Berlin, Freiburg, Hamburg, Heidelberg and Leipzig in Germany, as well as Basel in Switzerland and Innsbruck in Austria.

Year 4: Your advanced language study will focus on translation, essay writing and oral work involving discussion of texts, debates and presentations. Select from specialist course units covering a broad range of linguistic, literary, historical and cultural topics – from Satire on the German Stage to Turkish-German Culture. You can also opt to write a dissertation on a topic of your choice, based on one of your course units.

Italian Studies

Year 1: Study a core language course specific to your level of proficiency. Develop your competence in grammatical structures, linguistics and translation supported by innovative learning formats including podcasts and online surgeries. Investigate themes such as social class, gender and power and deepen your appreciation of Italian culture through a combination of small-group workshops, individual tutorials and private study.

Year 2: Further your reading, writing, speaking and listening skills with core language study designed to consolidate and extend your prior knowledge of Italian in preparation for your residence abroad. Optional course units allow you to explore different elements of culture and society, such as Italian Sociolinguistics, Italian Fascism and Translating New Writing.

Year 3: Residence abroad. Work/study destinations include Bergamo, Bologna, Ferrara, Macerata, Naples, Perugia, Pisa and Siena.

Year 4: Achieve an advanced command and appreciation of the Italian language through our final core course unit. Develop cultural awareness in key areas of interest with optional units including Italian Visual and Literary Cultures, Italian Crime Fiction and An Introduction to the History of the Book, featuring hands-on primary material from the Special Collections of The John Rylands Library. You’ll also have the opportunity to undertake independent research in a subject of your choice through an optional dissertation.

Japanese Studies

Year 1: You’ll undertake intensive language work appropriate to your level of proficiency, incorporating vocabulary, grammar and use of Japanese kanji (Japanese characters). You’ll also build your cultural awareness with core units dedicated to the Japanese experience of geography, religion, language, nation-building, revolution, restoration, modernisation, class-reformation, empire, war and post-war society.

Year 2: Build your language competence ahead of your residence abroad, supported by your own personal Independent Language Learning Portfolio. Develop your knowledge of grammar and kanji through optional units that include Religion in Japan, Science and Civilisation in East Asia, or the study of Japanese fiction, online news content, advertising and manga.
Year 3: Residence abroad. Study destinations include Chuo, Fukuoka, Hiroshima, Hokkaido, Kanagawa, Kobe, Kyoto, Osaka, Saitama, Tokyo and Yamagata.

Year 4: Study language at advanced level developing spoken and written fluency, including business and translation specialisms. Bring together areas of specific interest through a dissertation based on a topic of your choice. Draw from specific research expertise in the shape of optional course units including Bodies, Gender and Sexuality in Modern Japan, and Media and Religion in Japan.

**Russian Studies**

**Year 1:** Develop Russian language skills through dedicated grammar classes, oral practice with native-speaker tutors, language laboratory work, and a range of independent learning activities. Gain a thorough grounding in concepts and debates crucial to an understanding of Russian society and culture, including those around social class, revolution and contemporary culture.

**Year 2:** Continue your intensive study of Russian language, consolidating knowledge of the fundamentals of Russian grammar and developing your active command of spoken Russian. Course units become increasingly specialist, offering extensive choice and flexibility. Optional units cover key themes such as History and Memory in Russia, Literature and Censorship, and Film and Ideology in Eastern Europe. You may also learn Polish.

**Year 3:** Residence abroad. Study destinations include Kazan, Moscow, Petrozavodsk, St Petersburg, Tver and Yaroslavl.

**Year 4:** Study advanced-level Russian language, focusing on oral proficiency, translation and composition. Tailor your final-year study with optional units including: Business Russian; Russian Translation; Culture, Media and Politics in the Soviet Union and post-Soviet Russia; Russian Politics which examines political culture, national identity and Russian foreign policy. You may undertake a dissertation, carrying out independent research in a subject of your choice, and also learn or enhance your existing knowledge of Polish.

**Spanish, Portuguese and Latin American Studies**

**Year 1:** Gain linguistic accuracy and expertise in Spanish and/or Portuguese languages, depending on your programme of study. Your core language course will focus on grammatical accuracy and vocabulary, helping you to develop skills in written and spoken language(s). Core units include Cultures of Portuguese Colonialism, Introduction to Spanish and Latin American Studies, and Language, Culture and Society. This core content will develop your awareness and understanding of Spanish and/or Portuguese-speaking cultures, including key concepts such as revolution and national identity.

**Year 2:** Choose to concentrate your studies according to your personal interests. Place greater focus on either Spanish or Portuguese, or chose to maintain the balance between both languages if you study BA Spanish, Portuguese and Latin American Studies. Optional units offer extensive choice and flexibility—from Brazilian Literature to Spanish Cinema. You’ll develop confidence in the use of the target language in both social and professional contexts in preparation for your residence abroad. You can also opt to study Catalan language and culture.

**Year 3:** Residence abroad. Our breadth of Spanish-speaking study destinations include Almería, Barcelona, Bilbao, Logroño, Madrid, Seville, Valencia and Vigo in Spain. Key locations in South America include Santiago in Chile, Buenos Aires in Argentina and La Habana in Cuba. Portuguese-speaking destinations include Coimbra, Lisbon and Porto in Portugal, as well as São Paulo in Brazil.

**Year 4:** Perfect your language skills through advanced core study, achieving fluency in both written and spoken Spanish and/or Portuguese. You’ll continue to develop your understanding of these languages in their broader cultural contexts, and select from optional course units that include Barcelona and Madrid on Screen; Conquistadors, Chroniclers and Indian Informants; The Latin American Short Story; and Introduction to Interpreting. Opt to write a dissertation on a topic of your choice, supervised on a one-to-one basis, learn or further your knowledge of Catalan, or take Portuguese as an option if this language is not already part of your named degree.

**Joint Honours**

Whether you study two modern languages or a modern language with a non-language subject, you will split your first year of study evenly across both subjects. From Year 2 onwards you can choose to weigh your course units towards one subject or the other (up to a 40:60% split), or maintain an equal balance between both.
Integrated Professional Master in Languages

The Integrated Professional Master in Languages (IPML) involves a minimum of four years’ full-time study of two modern languages. Both languages are studied at an advanced level (post-A-level or equivalent) and the final year of study is taught and assessed at master’s level. As an IPML student, you’ll undertake a minimum of two summer periods of residence abroad. Depending on your choice of pathway and residence abroad option, the IPML may be completed as a four, five or six-year programme.

SKILLS AND JOB OPPORTUNITIES

Employers actively recruit our graduates for their excellent language and communications skills and in-depth intercultural understanding – both crucial in a range of sectors, from international business to relief work and development. In the CBI/Pearson Education and Skills Survey 2014, nearly two-thirds of firms (65%) identified a need for foreign language skills, which is likely to increase as ambitious firms break into new, fast-growing markets.

You’ll graduate with a number of highly sought-after transferable skills such as self-motivation, leadership, adaptability, problem-solving and critical thinking. You’ll enhance your understanding and appreciation of diversity by learning about the attitudes and values of other cultures. You’ll also develop independence and self-confidence during your period of residence abroad. Some of our courses also include vocational-facing optional course units, including language for business and translation and interpreting.

A degree in modern languages opens the door to an exceptionally broad range of careers, and employers are quick to identify skills in creative communication, observation and analysis, open-mindedness and resourcefulness. Our graduates have gone on to work in areas as diverse as broadcasting, business, PR and marketing, journalism, publishing, management consulting, politics, accounting and finance, translation, interpreting and education. Some graduates also choose to pursue further study.

Modern Languages at The University of Manchester is ranked fourth in the UK and sixth in Europe

The QS World University Rankings 2015

Modern Languages at The University of Manchester is ranked fourth in the UK and sixth in Europe

The QS World University Rankings 2015
Typical offer

A-level AAA-AAB (A in Music)
IB: 37-35 (6 or 7 in three higher level subjects, including Music)

Associated Board (or equivalent examinations) Grade 8 is also required, preferably at distinction, on an instrument or voice.

Music MusB 3yrs*
UCAS code W302

Music MusB and Graduate Diploma RNCM 4yrs
(Joint course with The Royal Northern College of Music)
(Apply via www.cukas.ac.uk by 1 October, CUKAS code 399F)

Music and Drama BA 3yrs
UCAS code WW34

*Flexible Honours may allow you to study an additional arts, languages or cultures subject. Find out more: www.manchester.ac.uk/flexiblehonours

You might also be interested in Drama

Find out more

- www.manchester.ac.uk/music
- www.musicatmanchester.blogspot.co.uk
- @UoMMusic

Contact details

e: ug-music@manchester.ac.uk
t: +44 (0)161 275 4987

WHY MANCHESTER?

- Ranked in the top three music departments in the UK (Complete University Guide, The Guardian University Guide and The Times Good University Guide)
- Consistently high student satisfaction ratings: In the 2015 National Student Survey, 98% of MusB students said that they were satisfied with the overall quality of their course
- £8.2 million facilities dedicated to music and drama

Ranked as one of the top three music departments in the UK, and with consistently high student satisfaction scores, Music at Manchester has an outstanding reputation for producing professional musicians and high-achieving graduates. Our academic staff are leaders in their fields, undertaking research that ranges from new insights into Renaissance singing to the use of computer-game technology in contemporary composition. They work alongside a roster of leading instrumental and vocal tutors drawn from the vast pool of professional expertise across the city. Our degree courses offer you the best of both worlds: the highest standards in performance and composition alongside academic studies driven by world-leading research.

Manchester is home to more professional music-making than any UK city outside London, including three professional orchestras – the Hallé, BBC Philharmonic and Manchester Camerata – as well as internationally recognised institutions such as the BBC, Bridgewater Hall, Opera North and The Royal Northern College of Music (RNCM). The Department has strong links with a range of professional and community-based music organisations and in turn, we play a vital role in the city’s lively cultural scene offering more than 100 concerts, performances and seminars every year.

We are home to one of the most active student-run music societies in the country, with over 700 members, offering a huge range of musical and work experience opportunities. Performance and composition are also nurtured by our resident string quartet, the Quatuor Danel, and our contemporary ensemble-in-residence, Psappha, alongside performance masterclasses from visiting artists.

All of our teaching takes place in state-of-the-art facilities in our Martin Harris Centre for Music and Drama, and the adjacent award-winning electroacoustic composition studios, which host the NOVARS Research Centre.

WHAT YOU STUDY

MusB Music

Our MusB is a highly regarded, dynamic course allowing students to develop their own pathway through the degree. It covers: Analysis and Music Theory,
Composition (instrumental and vocal); Electroacoustic Composition and Computer Music; Ethnomusicology; Musicology; and Performance. We also offer a prestigious joint course which combines the study of our MusB (Hons) and the RNCM’s Graduate Diploma. For students on our joint course with the RNCM, you’ll study with us and the RNCM in Years 1-3. After graduation from The University of Manchester, you’ll complete your diploma at RNCM.

Year 1: Study core areas of musical training: performance, composition, analysis and music theory, aural skills, musicology and ethnomusicology. Lectures, seminars, instrumental lessons (18 hours per year) and private study are supported by a weekly small-group tutorial where you’ll get regular feedback on your progress.

Years 2 and 3: Build on first-year interests by choosing freely from a huge range of options, from game-audio design to medieval notation, from world music to Wagnerian opera, and from instrumental composition to conducting. You’ll probably choose more varied topics in Year 2, then specialise in Year 3, when you’ll choose at least one option from dissertation, portfolio of compositions, or recital.

You’ll be assessed in a variety of ways, including via recital, composition portfolio, coursework essays and written exams.

For students on our joint course with The Royal Northern College of Music, your Diploma year at the RNCM will commence after graduation from The University of Manchester.

BA Music and Drama

Gain a scholarly and practical education through the study of history, theory and practical performance – ideal if you’re interested in pursuing performance in both areas, or if you have academic interests in the study of music and screen, opera or music theatre.

Year 1: Study theatre, music and film through history, theory and practical performance. Take compulsory course units in music and drama as well as interdisciplinary course units covering screen studies or performance/theatre studies. You’ll also select from a wide range of optional music and drama course units, from the art of film to sonic invention.

Years 2 and 3: Choose from a vast range of courses, from studio production to the string quartet, from street theatre to sound design. Explore subjects of specific interest in order to define your specialisms ahead of your third year, when you will undertake a composition portfolio, recital, or dissertation in music or drama.

SKILLS AND JOB OPPORTUNITIES

You’ll develop advanced skills in music, including performance skills, technical and creative proficiency in composition, and an understanding of issues central to music as a social, cultural and aesthetic phenomenon. In parallel you’ll acquire vital employability skills spanning: analysis and interpretation; reasoning and logic; creative problem solving; critique and reflection; team work and leadership; creativity and innovation; self-motivation and time management; innovative approaches to research methodologies; and the presentation of complex ideas.

Our recent alumni include some leading musicians of the new generation, such as conductor Jamie Phillips and composer Tom Coult. Equally, we are proud to see recent graduates in roles as diverse as: VoiceLab Manager at the Southbank Centre; Accountant at PwC; Assistant Operations Manager, Royal Free Hospital; Development Researcher at Reef Television; Marketing Assistant, City of Birmingham Symphony Orchestra; Account Manager at Saatchi & Saatchi; and Participation and Learning Manager at the Lowry Theatre.

“I’m so glad I chose Manchester. The lecturers are so approachable and take an interest in our welfare. Performance means a great deal to me and I don't think anywhere else would have offered me so many varied opportunities.”

Sophie Price, MusB Music
Typical offer

A-level BBB-BCC
IB 31-30

Adult Nursing BNurs 3yrs
UCAS code B740

Child Nursing BNurs 3yrs
UCAS code B730

Mental Health Nursing BNurs 3yrs
UCAS code B762

Find out more

www.manchester.ac.uk/nursing

Contact details

e: ug.nursing.bnurs@manchester.ac.uk
t: +44 (0)161 306 7600 (Adult)
t: +44 (0)161 306 7603 (Child/Mental Health)

Our nursing courses will help you gain competence in
clinical nursing practice and develop in-depth knowledge
and evidence-based decision-making skills via our
innovative curriculum.

Nursing theory and nursing practice combine through a
minimum of eight varied supervised clinical practice
settings, to develop caring, compassionate, competent
and committed nurses.

Emphasis on your chosen field – adult, mental health or
child nursing – begins from the start of your degree and
increases each year.

WHY MANCHESTER?

• One lecturer received the Lecturer of the
  Year award and another was commended
  in the 2014 Student Nursing Times awards

• Field-specific conference for Year 2
  students highlights learning, research
  and career opportunities

• Job-seeking skills development
  workshops and opportunities to meet
  potential employers at our Employability
  Conference and Employability Fair
WHAT YOU STUDY

Year 1: You will study nursing theory and practice, anatomy and physiology, microbiology, pharmacology, social and behavioural sciences, study skills, epidemiology and public health, nursing knowledge and research, and communication. Shared field learning and varied assessment starts your development as a flexible practitioner. Practice placements commence in semester two.

Year 2: You will explore the therapeutic nature of nursing while applying your Year 1 study through pathology, pharmacology, evidence-based practice, supportive and recovery-focused care, health promotion, health psychology and behaviour change theory. We cultivate national and international aspects of care within our Leadership in Action Programme and Developing Independent Learning in Practice, where you may have an opportunity to nurse outside of Manchester and the UK. There are three clinical placements during this year.

Year 3: You will focus on the complexity of nursing within your field and apply in-depth knowledge to theory and practice. There is an emphasis on leading and managing in care and building competence in readiness for registering as a nurse. You will also undertake a dissertation on a nursing topic of your choice. There are three clinical placements during this year.

SKILLS AND JOB OPPORTUNITIES

As well as gaining an academic qualification, successful students become eligible for registration with the Nursing and Midwifery Council as a nurse, allowing you to practice in a wide range of settings across the UK.

At Manchester, we prepare you to provide high-quality care to your clients and equip you with the potential to become future leaders and researchers in your chosen field.

“Employers confirm that students exiting the pre-registration nursing programmes are safe, competent and fit for practice.”

Nursing and Midwifery Council 2014
OPTOMETRY

Typical offer

A-level AAB
IB 35

Optometry BSc 3yrs
UCAS code B510

Master of Science Optometry MSci 4yrs
You cannot apply for MSci Optometry directly. At the end of Year 2 of the BSc, if you would like to continue on to the MSci Optometry course and reach the required academic performance, you may do so.

Find out more

www.manchester.ac.uk/life
@lifesciencesuom
/LifeSciencesManchester
/manclifesciences

Contact details

e: ug.lifesciences@manchester.ac.uk
t: +44 (0)161 275 5032

WHY MANCHESTER?

• Unique clinical experience at Manchester Royal Eye Hospital, one of Europe’s leading eye hospitals
• Custom-built £4 million optometry facilities at the heart of the biomedical campus
• Emphasis on practical skills at one of the few UK universities that enables you to see patients from early in Year 1

In 2013, we celebrated 100 years of optometry teaching in Manchester. The British Optical Association was founded here in 1964, and we were the first UK university to introduce a course leading to a BSc in Ophthalmic Optics, the term now superseded by ‘Optometry’.

Optometrists undertake rewarding work in high street practice or hospital eye clinics, where they prescribe and dispense spectacles, contact lenses and low vision aids; treat problems with binocular vision; and, increasingly, work alongside ophthalmologists to monitor the treatment of ocular disease.

WHAT YOU STUDY

Year 1: Discover the scientific principles that underpin optometry, including the properties of light, the anatomy of the eye and the processing of vision in the brain. Learn about ophthalmic appliances, such as lenses, and instrumentation, such as retinoscopes. Discover general eye examination techniques and start to meet patients in semester two. Start our three-year personal and professional development (PPD) programme.

Year 2: Develop your knowledge of ophthalmic appliances and optometric instrumentation. Discover a broad range of new topics, including human disease processes, pharmacology, contact lens practice and binocular vision. Develop your clinical skills so that by the end of the year, under supervision, you will have the competence and confidence to examine members of the public. Continue your PPD studies.
Summer vacation placement: Spend one week full-time at Manchester Royal Eye Hospital, gaining a wealth of practical clinical experience in all hospital departments. This is a unique element of our degree courses and is not offered at any other UK university.

**Years 3 and 4:** If you wish to proceed to the MSci Optometry course at the end of Year 2 and are selected, based on good academic performance and communication skills, you will embark on the final two years, which include two six-month clinical placements – in private practice and at an eye hospital – plus an advanced project and lecture courses.

Otherwise, you will take Year 3 of the BSc, including further lectures on clinical subjects and pharmacology, extensive experience in the clinics, time at hospital, the final year of PPD and a dissertation.

**SKILLS AND JOB OPPORTUNITIES**

Optometry is a vocational course with excellent career prospects. You’ll develop the practical, clinical and communication skills required to work with patients, plus business skills and legal knowledge required for running your own optometry business.

Many Manchester graduates enjoy the challenge of establishing and running their own optometric practices, while others choose to work in the Hospital Eye Service. You could also teach, or undertake research in industry or academia.

“I love the Optometry degree at Manchester. There are lots of clinics and practicals, where you get help and feedback from the best supervisors out there, as well as great experience of how it’ll be once you’re a real optometrist.”

Muhammed Patel, BSc (Hons) Optometry
Typical offer

A-level AAA
IB 37

Petroleum Engineering BEng 3yrs
UCAS code H850

Petroleum Engineering MEng 4yrs
UCAS code H851

You might also be interested in Chemical Engineering, Chemistry, Civil Engineering, Earth Sciences and Geology, Geography, Engineering and Science with an Integrated Foundation Year

Find out more

www.manchester.ac.uk/sees
@UoMSEES
/manchestersees

Contact details

e: ug-earth-sci@manchester.ac.uk
t: +44 (0)161 275 0776

Petroleum engineering is one of the primary disciplines in the exploration and production of oil and gas. Producing oil and gas from reserves effectively and safely is of immense economic importance, and requires a broad spectrum of knowledge and skills.

Petroleum Engineering at Manchester provides you with an understanding of fundamental geoscience, chemical, mechanical and materials engineering and mathematics – all delivered in an open and welcoming School, with low staff-student ratios.

Our exciting, technically challenging degree is led by industrially experienced academics and external lecturers with many years of petroleum engineering experience.

WHAT YOU STUDY

Year 1: Discover fundamental concepts such as the physical, chemical and mathematical concepts necessary to describe fluid flow in porous media, plus an overall introduction to earth science, so that you are aware of its importance to the exploitation of hydrocarbons.

Year 2: Discover the processes that create large-scale stratigraphic relationships on the Earth. Discuss the fundamental tectonic processes that control the development of faults, folds and basins and generate much of the architectural characteristics of petroleum systems. Learn methods for petrophysical rock characterisation (eg seismic and wireline logging tools) and drilling. Gain advanced mathematical skills to quantify and model fluid flow through these complex natural media and discuss the natural constraints on
multiphase fluid flow in these environments. Review the role of thermodynamics in natural mineral fluid systems and develop enhanced laboratory skills. Learn to develop scientific arguments and communicate scientific ideas.

Year 3: Learn principles of hydrocarbon production and field development strategies, including petroleum economics. Discover advanced methods using downhole geophysical measurements and drilling data to calculate in-place volumes and assess hydrocarbon recovery efficiency. Train in drilling, production and surface facilities engineering, investigating how hydrocarbon production is optimised and brought to the surface. Undertake a group-based design project simulating flow within a reservoir, developing a field development plan and designing well placement. Enjoy diverse teaching styles that will ensure you understand how to develop scientific arguments and communicate scientific ideas using written and oral methods.

SKILLS AND JOB OPPORTUNITIES

A Manchester degree in Petroleum Engineering is recognised as a leading course by international oil companies and leads to exciting careers in the oil and gas industry, including reservoir, production and drilling engineering, which offer the scope to work across the world in technically challenging and financially rewarding jobs. Our graduates have a very high employability record.

Throughout your degree, we’ll offer advice and training on career opportunities and on developing your employability skills. You can meet and discuss graduate recruitment and internship opportunities with representatives of major energy companies and technical service providers visiting our School. Teamwork, problem solving and field skills play a key role in integrating all the elements of the subject, and in developing your transferrable skills.

“It’s been great to be taught by people directly related to the industry. Keeping in touch with brand new up-and-coming research and technology has been particularly informative and instructive.”

Laique Rahman, BEng (Hons) Petroleum Engineering
Typical offer

A-level AAA-ABB
IB 35

Pharmacy MPharm 4yrs
UCAS code B230

You might also be interested in Pharmacy with a Foundation Year

Find out more

www.manchester.ac.uk/pharmacy

Contact details

e: ug-pharmacy@manchester.ac.uk
t: +44 (0)161 275 2334

You’ll get a pharmacy degree from a world-recognised institution – together with the skills and knowledge you need for a career in this field.

Pharmacists are highly trained medical professionals, qualified to give advice on health issues and medicines, and ensure the safe supply and use of medicines by the public. Qualifying as a pharmacist takes at least five years, in which you must successfully complete:

- a General Pharmaceutical Council (GPhC) accredited Master of Pharmacy degree (full-time, four-year course);
- pre-registration training (one year);
- the GPhC registration exam.

Manchester has a long history of training successful graduates to enter all branches of the pharmaceutical profession. We offer you a unique opportunity to learn from real-life hospital pharmacists in pharmacy departments and on wards in three local NHS Trusts, giving you extensive clinical experience, alongside accompanying placements in community and industrial settings.

WHAT YOU STUDY

You’ll study four main themes: the medicine, the patient, the pharmacist and the public. Most course units are compulsory, but you may select units in your final year to suit your career aspirations.

In Year 1, you have an introductory placement. In Years 2, 3 and 4, you have regular half-day visits to local hospitals, where clinical sessions are held. In Year 4, you take the core subjects and select from options in medicine, as well as selecting a research project.

You’ll learn through a wide variety of teaching and learning activities, including lectures, tutorials, practical classes, team-based learning sessions, computer-assisted learning, group work and research projects.
You’ll be assessed mainly in end of semester examinations by essay type questions, short answers, multiple choice questions and computer-based assessment. Other forms of assessment include oral and poster presentations, report writing skills through a project, and practical skills by continuous assessment of classes and practical examinations. Your final degree classification is based on the results of examinations in every year, and your Year 4 project.

**SKILLS AND JOB OPPORTUNITIES**

You’ll gain a broad-based, scientifically and clinically strong education in pharmacy, which will enable you to enter all areas of the profession. You’ll be conversant with the professional aspects of pharmacy, able to communicate effectively and able to appreciate the professional and social role of the pharmacist.

Once qualified, a pharmacist has a wide choice of career options in settings including hospital, community and industrial pharmacy, academia, primary care, the NHS, agricultural and veterinary pharmacy, and the prison and army services.

“Manchester is a great city with countless opportunities, and I would recommend the city and the University to anyone with aspirations of becoming a great pharmacist.”

Oliver Williams, MPharm Pharmacy
Typical offer

Due to the detailed nature of entry requirements for Pharmacy with a Foundation Year, we are unable to include a typical offer in the prospectus. For complete and up-to-date information on our entry requirements, visit our website.

Pharmacy with a Foundation Year MPharm 1+4yrs
UCAS code B231

You might also be interested in Pharmacy

Find out more

www.manchester.ac.uk/pharmacy

Contact details

e: ug-pharmacy@manchester.ac.uk
t: +44 (0)161 275 2411

WHAT YOU STUDY

Teaching runs from the middle of September to the end of June (a total of 34 weeks) including six weeks for revision and examinations. This is four weeks longer than the standard university year, to maximise your preparation for degree-level study.

Course units in chemistry and biology – both of which feature mathematics – and a specific unit called the Orientation to Pharmacy provide appropriate learning opportunities for students from diverse backgrounds. Regular laboratory work reinforces some of the subject material and helps you to develop practical skills. We provide study skills development and help with the core content through fortnightly tutorials.

You’ll be assessed by formal examinations (80%) in January and June, and in coursework and tests throughout the year. Coursework assessment in biology and chemistry will be mainly based on laboratory work.

WHY MANCHESTER?

• Our unique, contextual data-driven foundation course gives applicants from diverse backgrounds the opportunity to study at a higher education institution

• Comprehensive, integrated and inclusive environment provides an excellent footing for further study

Our foundation year is a one-year full-time course that forms part of our five-year integrated undergraduate degree leading to an MPharm. It offers you an excellent opportunity to adapt to the higher education system and prepare for entry to our Master of Pharmacy (MPharm) degree course.
SKILLS AND JOB OPPORTUNITIES

If you progress onto our four-year MPharm course, pass your pre-registration year and qualify as a pharmacist, you’ll have a wide choice of career options across settings including hospital, community and industrial pharmacy, academia, primary care, the NHS, agricultural and veterinary pharmacy, and the prison and army services.

“The Foundation Year made Year 1 of the MPharm easier by offering a head start in learning and the university experience. We had supportive teachers and a tutor who were not just concerned about our academic achievements. Although we spent a lot of time at Xaverian College, we felt very much part of the University.”

Valentine Sibanda, MPharm (Hons)
Typical offer

A-level A*A*A-ABB
IB 39-34

Philosophy BA 3yrs
UCAS code V500

Economics and Philosophy BA Econ 3yrs
UCAS code LV15

Mathematics and Philosophy BSc 3yrs
UCAS code GV15

Philosophy and Criminology BASS 3yrs
UCAS code VL53

Philosophy and Politics BASS 3yrs
UCAS code VL52

Philosophy and Quantitative Methods BASS 3yrs
UCAS code P567

Physics with Philosophy BSc 4yrs
UCAS code F3V5

Physics with Philosophy MPhys 4yrs
UCAS code F3VM

Politics, Philosophy and Economics BA 3yrs
UCAS code LV25

Social Anthropology and Philosophy BASS 3yrs
UCAS code LV65

You might also be interested in Economic and Social Sciences, Mathematics, Physics and Astronomy, Politics, Philosophy and Economics, Social Sciences

Find out more

www.manchester.ac.uk/philosophy
/Philosophy@Manchester

Contact details

e: socialsciences@manchester.ac.uk
t: +44 (0)161 275 1473/4748

WHY MANCHESTER?

• Lively, student-led societies (philsoc and Philchat) meet weekly to host debates, discussion groups, parties and film screenings

• High-profile Manchester professors who have shaped the discipline include Samuel Alexander, Dorothy Emmet, Michael Polanyi, Arthur Prior, and Graham Bird

• We host several successful international conferences, such as the annual Open Minds, and an annual series of Royal Institute of Philosophy symposia
Can we really know that things are as they seem? Are we free to decide what we do when the universe is governed by the strict laws of physics? What makes a work of art beautiful? Are any sorts of behaviour objectively right or wrong?

Such philosophical questions are fundamental to our understanding of the world. Unless we can answer them, we cannot hope to fully understand knowledge, reality, mind, language, ethics, religion, or art. To try to answer them, we need to step outside our ordinary way of thinking about the world and look at things from a different angle. We need to think logically but also creatively, analytically, and imaginatively.

Manchester has one of the largest philosophy departments in the UK, with 14 permanent academic members of staff who are internationally recognised researchers – publishing their work in journals and giving talks around the world. We have specialists in the philosophy of art and the philosophy of science.

Our philosophy degrees are rich in transferable and desirable skills, including the ability to think critically, present your ideas clearly and succinctly, develop creative solutions to problems and present a reasoned argument.

The relationship between staff and students is friendly and relaxed, supported by our highly successful personal tutoring and mentoring schemes. We are proud of our cooperative and supportive environment that promotes a spirit of open enquiry and intellectual rigour.

**WHAT YOU STUDY**

**Year 1:** Ground yourself in philosophical traditions, themes and problems. If you have previously studied philosophy, you’ll discover something new; if you haven’t, you’ll develop a basic foundation. You’ll study critical thinking, the history of philosophy, ethics, epistemology, metaphysics, and the philosophy of mind and language.

**Year 2:** Develop your understanding of issues introduced in the first year and explore new areas, such as logic, aesthetics, philosophy of religion and phenomenology.

**Year 3:** Undertake specialised and in-depth explorations of issues led by original researchers in the field, as well as a substantial independent piece of research on a topic of your choosing leading to a dissertation. Options include philosophy of music, personhood and freedom of the will, philosophy of action and philosophy of social science.

Each year, you may take one course unit in an outside subject, such as politics or a language.

**SKILLS AND JOB OPPORTUNITIES**

Some of our most recent graduates now work at The Guardian, the World Bank, the Football Association, Google and PwC, as business analysts, graduate recruiters and in HR. More than 20% of our graduates pursue further study.

“There are incredible staff. With so many students here, I never expected my lecturers or tutors to show such an interest in me. But they do and they are interested in our ideas, taking their time to listen and help us develop.”

Sarah Christensen, BA (Hons) Philosophy
Typical offer
IB 39–38 (776 at higher level)

Physics BSc 3yrs
UCAS code F300

Physics MPhys 4yrs
UCAS code F305

Mathematics and Physics BSc 3yrs
UCAS code FG31

Mathematics and Physics MMath&Phys 4yrs
UCAS code FG3C

Physics with Astrophysics BSc 3yrs
UCAS code F3F5

Physics with Astrophysics MPhys 4yrs
UCAS code F3FA

Physics with Philosophy BSc 3yrs
UCAS code F3V5

Physics with Philosophy MPhys 4yrs
UCAS code F3VM

Physics with Study in Europe MPhys 4yrs
UCAS code F301

Physics with Theoretical Physics BSc 3yrs
UCAS code F345

Physics with Theoretical Physics MPhys 4yrs
UCAS code F346

You might also be interested in Aerospace Engineering, Computer Science, Electrical, Electronic and Mechatronic Engineering, Mathematics, Philosophy, Engineering and Science with an Integrated Foundation Year.

Find out more
www.manchester.ac.uk/physics

Contact details
e: ug-physics@manchester.ac.uk
t: +44 (0)161 275 4210

WHY MANCHESTER?
• Consistently high record of student satisfaction, with an average score of 94% over the past eight years
• Ranked 13th physics department in the world in Academic Ranking of World Universities
• Lots of choice and flexibility in a broad undergraduate curriculum

The reputation of Manchester physics rests equally on teaching and research, established by many eminent physicists, including 13 Nobel Prize winners. The most recent of these are professors Andre Geim and Konstantin Novoselov, who are continuing their pioneering work on graphene and other two-dimensional materials at Manchester.

Physics is the most fundamental of the sciences, and a Manchester degree will give you a thorough understanding of the physical world, as well as a deep insight into physics applications and technology.

Our diverse research interests mean we have experts in many different fields of physics, who provide an exciting undergraduate curriculum with a strong element of choice and flexibility. Research areas include: nuclear and particle physics; cosmology and astrophysics; condensed and soft matter physics (including graphene superfluids, photovoltaics and solid-
state lighting); non-linear dynamics and chaos; atomic and laser physics; accelerators; biophysics; complexity and theoretical physics.

State-of-the-art facilities for teaching have been enhanced by a recent £75 million building refurbishment and new building, and include a dedicated undergraduate physics library, computing facilities and areas for private study that are available for extended hours. A new £10 million investment will provide enhanced undergraduate laboratory and teaching facilities, due to open in 2017.

**WHAT YOU STUDY**

The undergraduate course reflects our broad research portfolio, providing a thorough grounding in the fundamentals of physics and giving you significant freedom to follow your own interests with a large variety of options.

**Years 1 and 2:** Gain a foundation in classical physics including dynamics, waves and oscillations, electromagnetism and thermal physics. Discover new concepts such as relativity, quantum mechanics and cosmology.

**Years 3 and 4:** Apply your core knowledge to a diverse range of topics, such as particle and nuclear physics, lasers and photonics, biophysics, stellar evolution, radio astronomy, superconductors and superfluids, and more advanced aspects of theoretical physics.

Physics is driven by the interplay between theory and experiment. In our well-equipped teaching laboratories, you’ll begin to learn basic experimental skills and data analysis. As your laboratory skills develop, you’ll enjoy the challenge of more extensive experiments and in Year 4, research projects that are based within the School’s research groups.

**SKILLS AND JOB OPPORTUNITIES**

Graduate physicists take a creative approach while thinking logically and critically about problems. They have highly developed mathematical and computing skills, and are particularly good at the analysis and interpretation of numerical data. Their wide range of skills is transferable to a variety of jobs and industries, leaving career options open until graduation.

You could work in science, technology and computing, as anything from a PhD researcher to many types of technologists, computer programmers and engineers. Many Manchester graduates also harness their analytical and numerical skills in the commercial, financial, actuarial and business sectors, pursuing careers in management, banking and marketing.

Manchester was awarded a prestigious Regius Professorship by the Queen in 2013 – the only one in physics – recognising the exceptionally high quality of our educational and research activities.
Typical offer

A-level ABB
IB 34

Environmental Management BA 3 yrs
UCAS code F851

Urban Studies BSc 3 yrs
UCAS code K421

Urban and Regional Planning BA 3 yrs
UCAS code P345

Master of Planning (MPlan Integrated Master’s) 4 yrs
UCAS code K401

Master in Planning with Real Estate (MPRE Integrated Master’s) 4 yrs
UCAS code 1G23

You might also be interested in Architecture, Environmental Science, Geography

Find out more

www.manchester.ac.uk/planning
@PlanningUOM

e: ug-planningem-admissions@manchester.ac.uk
t: +44 (0)161 275 0969

WHY MANCHESTER?

- Degrees accredited by the Royal Town Planning Institute (RTPI) and the Royal Institute for Chartered Surveyors (RICS)
- Develop practical skills in the project studio with drawing facilities and specialist design and spatial analysis software
- Put theory into practice on UK and overseas fieldtrips

Effective planning and environmental management is crucial in an age when governments and societies all over the world are struggling with sustainable development. To address the problems facing the communities and places in which we live and work, we need to understand the relationships that bind together the economy, society and the environment. This includes community, social justice, economic development, urban design, biodiversity, and climate change, as well as transport infrastructures, rural management, affordable housing, and job creation.

Manchester is a great place to study planning, real estate and environmental management; it was the world’s first industrial city and is now a vibrant 21st century metropolis. It is a place of major urban change with plenty of scope to explore development pressures and environmental impact.

WHAT YOU STUDY

Year 1 in all courses provides a broad introduction to debates in planning, environmental management and urban studies. Fieldwork is an integral part of all our courses, providing the opportunity to explore real-life planning and environmental management issues.

Environmental Management

Learn about the management of environmental resources and the way in which society interacts with them. Understanding both scientific principles and relevant policy frameworks is essential if we are to change thinking about the environment and our behaviour towards it. You’ll focus on understanding environmental processes and management through course units including Environment and Society, Landscape Ecology, History of Climate Change, and Environmental Law.

Urban Studies

Study contemporary patterns of urban and regional development, and the processes that contribute to change across cities and their surrounding regions. The course is rich in theory and practice-based elements. Course units provide a flexible approach to the study of cities and regions, and include Cities and Society, Urban and Regional Policy, Community Development, and Introduction to Property Development.
Urban and Regional Planning

Gain a basic academic and professional training in planning. You will consider the issues faced by professionals in dealing with the planning and management of all aspects of our built and natural environments. Course units include Urban Policy and Politics, Rural Management, Planning Law, Infrastructure and Spatial Planning, and Sustainable Communities. This course is partially accredited by the Royal Town Planning Institute (RTPI).

Integrated Master’s

Our three year Urban and Regional Planning degree, plus a fourth year of specialist master’s level study. This course is accredited by the Royal Town Planning Institute (RTPI) and the Royal Institution of Chartered Surveyors (RICS).

Master of Planning: Gain an academic and professional training in planning. Course units include International Planning, Environmental Impact Assessment, Urban Design, and Urban Redevelopment.

Master of Planning with Real Estate: Gain an academic and professional training in planning, real estate and property development. Course units cover real estate, business and law, commercial asset management, and property valuation.

SKILLS AND JOB OPPORTUNITIES

Our courses lead to diverse employment opportunities across public and private sectors; more than half of RTPI membership is based in the private sector. Our graduates are popular with employers, particularly in consultancy and the development sector, where the ability to analyse and propose policies and implement strategies is vital. After London, Manchester hosts the largest number of planning and environmental consultancies in the UK.

You will gain skills in a discipline that requires the application of knowledge to solve problems and develop opportunities, now and in the future. If you decide not to follow a vocational career, your wide knowledge base and transferable skills in problem-solving, strategic thinking, teamwork, creativity and communication are what all employers seek.

“The courses have a strong practical focus, which clearly relates to the possibility of setting students up for a practical career. Many of the staff are involved in real-world projects rather than just academic work, which allows them to bring up-to-date, cutting-edge ideas to lectures.”

Richard Naylor, Master of Planning
POLITICS AND INTERNATIONAL RELATIONS

Typical offer

A-level AAB-ABB
IB 35-34

Politics and International Relations BSocSc 3yrs
UCAS code L200

Business Studies and Politics BA Econ 3yrs
UCAS code NL12

Economics and Politics BA Econ 3yrs
UCAS code LL12

Philosophy and Politics BASS 3yrs
UCAS code VL52

Politics and Criminology BASS 3yrs
UCAS code LM29

Politics and Quantitative Methods BASS 3yrs
UCAS code P467

Politics and Social Anthropology BASS 3yrs
UCAS code LL26

Politics and Sociology BASS 3yrs
UCAS code LL23

Politics, Philosophy and Economics BA 3yrs
UCAS code LV25

You might also be interested in Economic and Social Studies, History, Law, Politics, Philosophy and Economics, Social Sciences

Find out more

www.manchester.ac.uk/politics
www.britishelectionstudy.com/
@UoMPolitics

Contact details

e: socialsciences@manchester.ac.uk
t: +44 (0)161 275 1473/4748

WHY MANCHESTER?

• Manchester is the new home of the British Election Study
• Two members of our current staff have received national recognition, winning the Political Studies Association Sir Bernard Crick Prize for Outstanding Teaching (2005, 2011)
• More than 45 research-active teaching staff offer unrivalled depth and breadth of expertise

The study of politics and international relations concerns the study of political institutions, their influencers and processes, and the examination of power – how it is attained and how it is used.

Politics at Manchester is structured around three core areas: comparative politics, international relations and political theory. This structure extends across everything we do, from undergraduate teaching to top-level research.

As one of the largest politics departments in the UK, we are able to support internationally-recognised research across a broad range of areas within these themes, including several large and distinctive research clusters (Comparative Public Policy, Global Political Economy, the Manchester Centre of Political Theory, Electoral Politics, and Poststructuralist and Critical Thought). This in turn contributes to the quality of our teaching – you can study a wide range of units that build directly on our research expertise.

The University of Manchester is home to the British Election Study (BES), one of the longest-running election studies worldwide and the oldest social science survey in the UK, making a major contribution to the understanding of political attitudes and behaviour since 1964. It is managed by a scientific leadership team based at The Universities of Manchester, Oxford and Nottingham and is funded by the Economic and Social Research Council. BES offers exciting opportunities for study within the area of electoral politics.
WHAT YOU STUDY

Year 1: Ground yourself in the three sub-areas of comparative politics, political theory and international relations. If you have previously studied politics, you’ll discover something new; if not, you’ll gain a broad basic foundation.

Year 2: Continue to study the three core areas and start to explore the themes that interest you within them. You’ll complete an independent project on a topic of your choice and have the opportunity to take free choice units such as The Politics of Globalisation, National Politics of Germany, Security Studies, and Arguing about Politics.

Year 3: Choose from a range of our more specialised options, and undertake a dissertation on a topic of your choice. Course unit options currently on offer include Ethical Issues in World Politics, Politics of the EU, Politics of Hate, Africa and Global Politics, and Terrorism and Political Violence in Europe.

SKILLS AND JOB OPPORTUNITIES

As well as the specialist knowledge you’ll gain through the study of politics and international relations, your degree will equip you with a wealth of transferable and desirable skills, including the ability to research, examine and analyse information, to think critically, present your ideas clearly and succinctly, demonstrate excellent written and oral skills, and present a reasoned argument.

Our most recent politics graduates are working at the British Red Cross, the World Health Organisation, United Nations, the World Bank and the BBC, as consulting analysts, parliamentary researchers, policy officers and research analysts.

“Studying Politics and International Relations here in Manchester has provided me with both the right academic and extracurricular skills that will foster my career and personal development in the future.”

Jeanmiguel Uva, BSoS Politics and International Relations
Typical offer

A-level AAB
IB 35 (665 at higher level)

Politics, Philosophy and Economics BA 3yrs
UCAS code LV25

You might also be interested in Politics and International Relations, Philosophy, Social Sciences

Find out more

www.manchester.ac.uk/politics
www.manchester.ac.uk/policy
www.britishelectionstudy.com

Contact details

e: socialsciences@manchester.ac.uk
t: +44 (0)161 275 1473/4748

Our Politics, Philosophy and Economics (PPE) degree is a balanced yet flexible course that is directly informed by current research. You’ll study topics ranging from global money markets to the ethics of killing, and learn rigour in understanding and argument. You’ll also have access to the multidisciplinary expertise of more than 100 members of research-active academic staff.

PPE at Manchester enables you to join a vibrant intellectual community spanning three interrelated disciplines within our School of Social Sciences. You’ll enhance your capacity to assess competing ideas about political events, ideologies and institutions, while developing the ability to evaluate economic policies, placing the study of economics in its broader institutional and political context. Get to grips with philosophical questions of metaphysics, ethics and mind, and learn to appraise competing answers to them.
WHAT YOU STUDY

Year 1: Study equally across the three disciplines, allowing you to progress smoothly into your second year. Course units include micro and macroeconomics, political thought and critical thinking, alongside a range of options from each discipline.

Year 2: Deepen your understanding of the three subjects. Your studies are split equally, but you have more freedom to choose units that reflect your interests.

Year 3: You may choose to concentrate on two of the three disciplines, pursuing the interests that you have developed. You’ll also undertake an interdisciplinary course unit especially for PPE students and a dissertation on the topic of your choice.

SKILLS AND JOB OPPORTUNITIES

The interdisciplinary nature of PPE will offer you a wealth of transferable and desirable skills, such as the ability to think critically, present your ideas clearly and succinctly, analyse qualitative and quantitative data, develop creative solutions to problems, and research, examine and analyse information.

Some of our most recent graduates now work at Goldman Sachs, KPMG, United Nations, US Congress, and the Adam Smith Institute, as financial analysts, graduate economics advisors, parliamentary assistants, policy advisors and assistant editors.

“You’re afforded the opportunity to interact with students from other degrees, as well as developing a close circle of peers who also study PPE.”

Tom Danaher, BA (Hons) Politics, Philosophy and Economics
Typical offer

A-level AAA-AAB
IB 37-33 (665 at higher level)

Psychology BSc 3yrs
(with Study Abroad and Placement Year options)
UCAS code C800

Cognitive Neuroscience and Psychology BSc 3yrs
UCAS code BC18

Cognitive Neuroscience and Psychology with Industrial Experience BSc 4yrs
UCAS code BCC8

For Cognitive Neuroscience and Psychology see Biosciences

Find out more

www.manchester.ac.uk/psych-sci
@PsychManchester
www.psychologyatmanchester.edublogs.org

Contact details

e: ug-psychology@manchester.ac.uk
t: +44 (0)161 275 8584

WHY MANCHESTER?

• Teaching delivered by leading psychological researchers and clinicians
• Learn through research: hands-on experience of designing, conducting and communicating the findings of novel research throughout the degree
• A focus on your future: our academic advisors and bespoke employability units will help you to use your psychology degree to achieve your future goals

Our British Psychological Society (BPS) accredited degree offers a grounding in the main topics of psychological sciences, helping you to take the first step towards a career in the field.

The course is designed around four themes representing the modern discipline of psychology: mind and brain, evolution and development, adaptability and wellbeing, and communication and interaction.

You will hear about the latest developments in psychological theory, research and practice from leading psychological scientists and clinicians. All lectures are supported by smaller group teaching sessions, providing many opportunities to actively engage with the course materials, including research labs, seminars, computer-based practical classes and reading groups.

WHAT YOU STUDY

Years 1 and 2: The core curriculum is based on our four themes, with individual units covering the central theoretical ideas and empirical findings in psychology. This is supplemented with training in research methods and statistics and units focused on the application of psychology (e.g., Forensic Psychology), as well as those designed to support your transferable skills and career development.

In Year 2, you have the opportunity to replace up to two psychology units with a diverse range offered by our University College for Interdisciplinary Learning, as well as the option to undertake a short (30-hour) work placement.

Year 3: Grouped within the same four themes, the 12 units offered in the final year reflect the research interests of our staff. You are free to select four of these advanced units, meaning that you can tailor your degree to match your personal interests and future ambitions. You will also undertake a year-long research project on one of a range of topics, supervised by a member of staff.

Students wanting to broaden their degree can also swap one advanced psychology unit for up to two non-psychology units (from choices offered by University College for Interdisciplinary Learning and Business and Management for all programmes).

The Psychology BSc has two four-year variants: BSc Psychology with International Study and BSc Psychology with Work Placement. You may be considered for entry onto one of these programmes at the end of Year 2.
SKILLS AND JOB OPPORTUNITIES

Our emphasis on learning through research will equip you with valuable lifelong learning skills: you will learn to identify and address critical questions, evaluate evidence and form persuasive arguments. Varied teaching and assessment formats will also provide key transferable skills relevant to any workplace, such as group work, leadership, data analysis and verbal and written communication.

We place great importance on helping you to develop your employability while studying for your degree. Core units embedded in Years 1 and 2 are designed to help you present the transferable skills you have developed to future employers or higher education providers. All students have the option to undertake a short work placement as part of this unit in Year 2.

Previous students have completed placements with a broad variety of organisations, including mental health charities, schools, marketing agencies, youth offender institutes, small businesses and universities. We also organise a wide range of careers events where graduates come back to Manchester to advise and network with our current students.

BPS accreditation means that our graduates often pursue further training as professional psychologists (clinical, educational or forensic psychologists). Other graduates currently hold positions in diverse areas such as mental health, PR, marketing, media, accountancy, teaching, health care and social work.

“Staff are always very enthusiastic and knowledgeable. Units are based around lecturers' research, meaning we are receiving the very latest information. I feel I have transferable skills to take into many career areas.”

National Student Survey, 2015
Typical offer
A-level ABB-BBB
IB 34-31

Religions and Theology BA 3yrs*
UCAS code V600

Religion and Anthropology BA 3yrs
UCAS code VL66

Theological Studies in Philosophy and Ethics BA 3yrs
UCAS code V610

*Flexible Honours may allow you to study an additional arts, languages or cultures subject. Find out more: www.manchester.ac.uk/flexiblehonours

Find out more
www.manchester.ac.uk/religion
@UoMReligion
/Religion.Manchester

e: ug-relth@manchester.ac.uk
t: +44 (0)161 306 1252

WHY MANCHESTER?
• The Guardian University Guide 2016 ranks us in the top ten Religions and Theology departments in the UK
• Impressive range and variety of course units, including many interdisciplinary options and the opportunity to undertake research in multi-faith Manchester
• Outstanding long-term reputation for research excellence – our high quality research activities directly inform our courses

Ranked in the top ten departments in the UK by the Guardian University Guide 2016, Religions and Theology at Manchester offers you the opportunity to engage with a wide range of traditions and beliefs, covering all periods up to the present day. Our courses are supported by our culturally rich location and the academic expertise of internationally-recognised scholars. And, by studying with us you’ll benefit from having the vibrant, multi-faith city of Manchester on your doorstep.

We offer a remarkable breadth of study – one of the widest ranges of courses on offer at any British university. You can study ancient Hebrew, Greek, or Sanskrit, learn about Hindu, Buddhist, Jewish and Islamic traditions, pursue an interest in the Bible or Christian theology, or discover the different approaches to religion offered by sociology, anthropology and philosophy.

Religion has and continues to shape the world in which we live, with over 70% of the world’s population defining themselves as ‘religious’. Whether or not you have a religious background, the study of the beliefs, philosophies, practices, policies, ethics and values which have defined our civilisations over hundreds of years provides insight into one of the most fascinating aspects of the human psyche. You’ll explore topics which are crucial to understanding the shape of our current multicultural society – from religion, culture and gender to Holocaust theory, from sacred spaces to apocalyptic expectation.
WHAT YOU STUDY

Religion and Anthropology

Scholars of religion increasingly use anthropological concepts and tools to formulate questions regarding religious phenomena, while religious ritual and magico-religious practice have long been standard topics in the research of anthropologists. You’ll discover how studying religion and culture can unite two diverse disciplines in intriguing ways.

Religions and Theology

Explore the facts and challenges of diversity and pluralism in different religions. This highly flexible degree allows you to concentrate on a specific religious tradition, or study a variety according to your interests. Our courses cover Hindu and Buddhist world views, Islam, Judaism and Christianity, and include theology, history and biblical studies. You can also study to read scriptures in their original language.

Theological Studies in Philosophy and Ethics

Delve into theology and explore how it impacts philosophy and ethics. You will study continental philosophy and Christian theology and consider their relationship to Indian, Jewish and Islamic theologies and philosophies. From arguments for God’s existence to interactions between religion and politics, you will analyse key issues in theological and philosophical debate, identifying strengths and weaknesses and constructing your own arguments.

SKILLS AND JOB OPPORTUNITIES

Graduates with knowledge and understanding of different cultural and religious beliefs are highly valued by many employers. The investigative, analytical and interpretative skills developed through your study will equip you with the confidence and know-how you need to engage fully with a contemporary, multicultural society across a breadth of career destinations.

You’ll develop many transferable skills, including: the ability to research, analyse and synthesise different sources of information; team-work and communication skills honed in tutorials and group projects; the ability to exhibit empathy and imaginative insight; the demonstration of methodical and accurate working; and the ability to show initiative and independence of mind.

Our graduates have pursued successful roles in teaching, media, banking, publishing, legal services, civil service, religious organisations, and non-governmental organisations. Many have gone on to further study, and in turn, positions within academia in the UK and further afield.

“The teaching I received at the University was challenging, thought-provoking, forward-thinking and intellectually stimulating; it unlocked my desire for learning and made me passionate about wanting others to love learning about religion too.”

Katie Martin, BA (Hons) Religions and Theology
Head of RS, Blue Coat School, Oldham
Typical offer

A-level ABB
IB 34

Social Anthropology BSc 3/4yrs
UCAS code L600

See Social Sciences for Politics and Social Anthropology,
Social Anthropology and Criminology, Social Anthropology
and Philosophy, Social Anthropology and Quantitative
Methods, Social Anthropology and Sociology

You might also be interested in Archaeology,
Economic and Social Studies, Philosophy, Psychology,
Religions and Theology

Find out more

www.manchester.ac.uk/social-anthropology
www.granadacentre.co.uk
@UoMAnthropology
/ManAnthropology

d CONTACT DETAILS
e: socialsciences@manchester.ac.uk
t: +44 (0)161 275 1473/4748

Social Anthropology is the comparative study of culture,
ashually asking what it means to be human.
Contemporary anthropology is a critical discipline that
tackles an enormous variety of topics. You'll consider
questions about how people make families, worship
gods and organise their economic and political lives. In
short, studying social anthropology changes the way you
think: a vital skill in today's increasingly interconnected
and culturally complex world.

Manchester Social Anthropology was founded in 1949
by a small group of anthropologists who developed the
world-famous 'Manchester School', a tradition
specialising in looking at conflict, law, politics,
performance and rituals, cities and networks.

Today, we continue that tradition and have developed
further international recognition for visual and media
anthropology, political and economic anthropology, the
anthropology of new technologies (including the
Internet), new reproductive and genetic technologies,
and engineering. We also have specialisms in the study
of borders, place and space, and the study of kinship,
class and caste, conducting our research on our own
doorstep as well as in other parts of the world.

WHAT YOU STUDY

Few students will have studied anthropology previously.

Year 1: Build a strong foundation in key concepts,
approaches and questions. Course units include Culture
and Power, Key Ideas in Social Anthropology and The
Study and Practice of Anthropology at Manchester.

Year 2: Look in more depth at the anthropological
contribution to particular thematic areas of the study of
human life, as well as developing your own research skills
and learning more about some of the cutting-edge
research of Manchester staff.

Year abroad (optional): Study your subject at one of our
international partner universities.

Final year: Focus on specialist units that build on the
research expertise of our staff and conduct an
independent piece of research that draws on the
theoretical and methodological training of Years 1 and 2.
SKILLS AND JOB OPPORTUNITIES

Social Anthropology at Manchester prepares you to meet the demands of new and unexpected situations. Employers are increasingly recognising the value of a degree that combines an understanding of culture and society with practical people skills.

Some of our most recent graduates are now employed by Friends of the Earth, the General Medical Council, Social Services, the Department for Work and Pensions and RBS, working as account executives, communications officers and disabled students support workers.

“I am passionate about Manchester as I feel it is a diverse and vibrant city, which offers me new opportunities from the places I can go, to the people I meet. I find this particularly interesting and relevant to my course, and feel this is not something every university city can offer.”

Ruby Thornton, BSocSc (Hons)
Social Anthropology
**Typical offer**

A-level ABB

IB 34

Criminology and Quantitative Methods BASS 3yrs
UCAS code C856

Philosophy and Criminology BASS 3yrs
UCAS code VL53

Philosophy and Politics BASS 3yrs
UCAS code VL52

Philosophy and Quantitative Methods BASS 3yrs
UCAS code P567

Politics and Criminology BASS 3yrs
UCAS code LM29

Politics and Quantitative Methods BASS 3yrs
UCAS code P467

Politics and Social Anthropology BASS 3yrs
UCAS code LL26

Politics and Sociology BASS 3yrs
UCAS code LL23

Social Anthropology and Criminology BASS 3yrs
UCAS code LM69

Social Anthropology and Philosophy BASS 3yrs
UCAS code LV65

Social Anthropology and Quantitative Methods BASS 3yrs
UCAS code S456

Social Anthropology and Sociology BASS 3yrs
UCAS code LL63

Sociology and Criminology BASS 3yrs
UCAS code LM39

Sociology and Philosophy BASS 3yrs
UCAS code LV35

Sociology and Quantitative Methods BASS 3yrs
UCAS code 52L8

You might also be interested in Law, Philosophy, Politics and International Relations, Social Anthropology, Sociology

**Find out more**

[www.manchester.ac.uk/socialsciences](http://www.manchester.ac.uk/socialsciences)

[www.manchester.ac.uk/q-step](http://www.manchester.ac.uk/q-step)

**Contact details**

e: socialsciences@manchester.ac.uk

t: +44 (0)161 275 1473/4748

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**WHY MANCHESTER?**

- Extensive choice from more than 260 course units enables you to create a degree course that suits your areas of interest
- One of 15 universities chosen as a Q-Step Centre, which enables you to acquire skills to help understand and analyse data
- You may have the opportunity to study abroad for a semester

The social sciences have many areas of overlap. Our BA Social Sciences (BASS) degree gives you maximum flexibility and choice, enabling you to sample a broad range of subjects before you decide where you want to specialise. You will have the freedom to follow your own interests across discipline boundaries.
WHAT YOU STUDY

You can study: the causes and consequences of criminal acts (Criminology); fundamental questions such as the nature of knowledge, truth and values (Philosophy); human organisation, government and power (Politics); societies and culture across the global in comparative perspective (Social Anthropology); societal issues such as social inequalities and forms of everyday life (Sociology); and data and analysis methods to understand the social world (Quantitative Methods). You may also study selected course units in economics.

Year 1: Follow a broad programme of study that includes at least three of the six main areas. Enjoy a wide-ranging introduction to the social sciences and to some of the basic transferable, analytical and critical skills you will need as a student (and in later life). All students will also take a course unit in social research methods.

Year 2: Choose the subjects you would like to specialise in and explore these in greater depth through research-led teaching.

Year 3: Specialise in one area, or combine two subjects. You will complete a research project (dissertation) in one of your areas of study.

SKILLS AND JOB OPPORTUNITIES

The course units you choose will give you a wide range of subject-specific, transferable and desirable skills, such as the ability to think critically, to present your ideas clearly and succinctly, develop creative solutions to problems and present a reasoned argument.

Recent social sciences graduates are working at the Foreign and Commonwealth Office, the Ministry of Justice, Friends of the Earth, Google, and Palgrave Macmillan, as research analysts, commercial and marketing officers, and teachers.

“The BASS degree is a flexible way for students to explore all areas of the social sciences with outstanding support from the academic staff. My course allowed me to specialise in my favourite areas of sociology and criminology and then hone my interests further in specific areas of the subjects.”

Gursymrun Kalra-Phull, BA Social Sciences
Typical offer

A-level AAB-BBB
IB 35-32

Sociology BSc 3yrs
UCAS code L300

Business Studies and Sociology BA Econ 3yrs
UCAS code NL13

Economics and Sociology BA Econ 3yrs
UCAS code LL13

Politics and Sociology BASS 3yrs
UCAS code LL23

Social Anthropology and Sociology BASS 3yrs
UCAS code LL63

Sociology and Criminology BASS 3yrs
UCAS code LM39

Sociology and Philosophy BASS 3yrs
UCAS code LV35

Sociology and Quantitative Methods BASS 3yrs
UCAS code 52L8

See Economic and Social Studies for the BA Econ, and Social Sciences for the BASS degrees

You might also be interested in History, Law, Linguistics and English Language, Philosophy, Politics and International Relations, Social Anthropology.

Find out more

www.manchester.ac.uk/sociology
@MCRSociology

Contact details

e: socialsciences@manchester.ac.uk
t: +44 (0)161 275 1473/4748

Sociology looks at how society works. It is the study of social life, social change and the social causes and consequences of human behaviour. If you have ever questioned why social life works the way it does, or wondered whether things could be organised differently, then sociology is the subject for you.

There is no better or more vibrant place at which to study sociology than Manchester. Our research expertise contributes to the quality of our teaching; we offer you a wide range of units that build directly on our research in areas such as social divisions and connections, intimate relations and personal life, social networks, media, and technology.

WHAT YOU STUDY

Year 1: Ground yourself in sociological theory and methods of social enquiry. If you have previously studied sociology, you’ll discover something new; if not, you’ll develop a basic foundation. You’ll also have the option to choose units exploring the study of personal life, media and culture, work and organisations, and technology and communications.

Year 2: Develop your theoretical and substantive knowledge of sociology, and continue training in research methods. Optional units will allow you to explore your own areas of interest, including popular music, sustainability and consumption, racism and ethnicity, and globalisation.
**Year 3:** Focus on specialist units that build on the research expertise of our staff. You’ll also conduct an independent piece of research on a topic of your choice, which will draw on your earlier theoretical and methodological training. Unit options include technology and society, power and protest, sociology of family life and gender, time and change.

**SKILLS AND JOB OPPORTUNITIES**

Studying sociology involves understanding and questioning how society and individual life works. At Manchester you’ll gain a range of subject-specific, transferable and desirable skills, including the ability to describe and explain social and organisational systems and structures; sensitivity to and understanding of the causes of inequalities and injustices; strong written and oral communication skills; the ability to present a reasoned argument; the ability to plan; and the skill to organise and carry out a complex research project.

Our most recent graduates are now employed by the British Council, NHS, Ministry of Justice, the British Red Cross and AstraZeneca, working as research analysts, arrest referral officers, commercial and marketing officers and public relations account executives.

“The flexibility of my degree allowed me to choose from a wide variety of modules such as British Culture, Gender Issues and Popular Culture. This wide exposure to different social issues has helped me to provide a more sophisticated analysis of the fast-changing social world.”

Sherita Tam, B SocSc (Hons) Sociology
SPEECH AND LANGUAGE THERAPY

Typical offer
A-level AAB
IB 35 (665 at higher level)

Speech and Language Therapy BSc 4yrs
UCAS code B620

Find out more
www.manchester.ac.uk/psych-sci
/UoMSLT

Contact details
e: ug-slt@manchester.ac.uk
t: +44 (0)161 275 3389

WHY MANCHESTER?

• 90% of our 2014 graduates were in employment or further education within six months of graduation
• Our students won University and RCSLT awards several years running for volunteer work and peer support schemes
• We provide professional training that involves employers and service user communities, responding to their changing priorities and needs

Speech and language therapists identify, assess and support the needs of people who have communication, eating, swallowing and drinking disorders. Our course gives you the core theoretical knowledge and clinical skills required by the profession, as well as the academic study of a higher education qualification.

Excellent partnerships with local and regional speech and language therapy service providers also enable us to offer you clinical placements with supervision support. We emphasise scientific thinking, preparing you to incorporate clinical enquiry into your chosen career path.

All health care professionals should be aware of the NHS Constitution, the principles and values of which are embedded in your course.

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WHAT YOU STUDY

You’ll study both academic and clinical components throughout your course. Practical skills training takes place in our well-equipped laboratories, while clinical training takes place within NHS and private clinics.

Year 1: Study foundation science subjects as they apply to speech and language therapy (clinical research, biomedical sciences, phonetics, linguistics, psychology and sociology) and professional orientation and preparation towards your first four-week block clinical placement in the north west region.

Year 2: Drawing on your clinical experience from Year 1, study focuses on developmental communication and swallowing disorders, as well as those acquired in adulthood. Study is more clinically focused in clinical linguistics, phonetics and research methods. Professional preparation continues towards your six-week block clinical placement.

Year 3: You will apply more critical thinking to your studies as you move towards professional autonomy in your final year. Study builds upon Year 2, considering those living with lifelong disability as well as acquired neurological disorders and developing advanced research skills in your particular areas of interest. There is professional preparation towards your final six-week block clinical placement and looking beyond this, to preparing you for employment as a speech and language therapist.

SKILLS AND JOB OPPORTUNITIES

Our graduates are eligible to register with the Health and Care Professions Council (HCPC) and become a member of the Royal College of Speech and Language Therapists (RCSLT).

Speech and language therapists in the UK are mainly employed by the NHS, although there are opportunities within charitable and private organisations. Many therapists work in educational settings; some set up in independent practice, or take research posts.

Our curriculum, already regarded as outstanding, has been streamlined to ensure your time is used effectively towards our shared goal: to have you qualify as a health care professional while allowing student choice and personalised learning.
**Typical offer**

A-level AAB-ABB
IB 35-33

**Textile Science and Technology BSc 3yrs**
UCAS code JJ49

**Fashion Buying and Merchandising BSc 3yrs**
UCAS code 6G49

**Fashion Management BSc 3yrs**
UCAS code 3M89

**Fashion Marketing BSc 3yrs**
UCAS code 3S61

**Fashion Retail BSc 3yrs**
UCAS code 6U72

You might also be interested in Business and Management, Materials Science

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**WHY MANCHESTER?**

- All courses accredited by The Textile Institute
- Strong links with industry and an outstanding graduate placement record
- Annual ‘Made in Manchester’ event promotes student placements and graduate opportunities from companies such as Next, Tommy Hilfiger and Arcadia

As an international centre for the cotton and textile trade known as ‘Cottonopolis’, Manchester was at the heart of the Industrial Revolution and has been inspiring Textiles students since 1824. With the growth of textiles in the 1970s Manchester was once again well-placed to develop its portfolio of textiles-based courses to reflect the rapidly changing and diverse nature of the industry.

The dynamic nature of today’s global fashion and textiles industries requires highly creative and flexible graduates with a wide range of skills. Textile design, manufacturing and testing is a complex science, and a demand for increasingly functional, comfortable and affordable fabrics is driving innovation in textile technologies and production.

Designers and design managers have crucial roles in turning textiles into profitable clothing. These creative individuals use cutting-edge computer-aided design and multimedia systems to meet (or make) consumer demands. They must provide the marketplace with the right designs at the right time and price. Awareness of technical, commercial, marketing and fashion aspects of the industry is essential.

Retailing is a dynamic sector with growing employment opportunities for graduates. There is a growing demand for professionals within global retailing organisations who can combine awareness of design and fashion with the necessary retail and management skills.

---

**Find out more**

c: ug-materials@manchester.ac.uk
t: +44 (0)161 306 4144

www.manchester.ac.uk/materials

**Contact details**

c: ug-materials@manchester.ac.uk
t: +44 (0)161 306 4144
WHAT YOU STUDY

Our courses reflect the diverse nature of fashion and textiles at Manchester. All are underpinned by core units in textile science and technology, providing you with key skills in spinning, knitting, weaving, colouration and textile testing. This gives our students a unique understanding of the fundamental properties of textile products and gives you a huge advantage in the job market.

Our Textile Science and Technology degree gives you a fundamental understanding of fibre, yarn and fabric manufacture, textile science and an introduction to textile management in Year 1. In Years 2 and 3, you’ll develop management skills and a deeper understanding of textile science and technology through a combination of lectures and projects.

Our four Fashion courses all follow a common first year which establishes the fundamentals in fashion business, textile science and technology through the core units of Introduction to Fashion, Introduction to Management, Introduction to Marketing and Retail and Design Management, and the core textile science units where you will be introduced to fibres, materials, fabrics and textile production processes.

The second year builds on the first year by exploring specific aspects of management and marketing in-depth, along with subjects such as product development, branding and textile technology, and also introduces subjects related to your chosen specialism. Specialist knowledge is extended and consolidated during the final year.

All our courses offer the opportunity to do a year of industrial experience or study abroad.

SKILLS AND JOB OPPORTUNITIES

You’ll develop many skills that are easily transferable and highly desirable by employers, including data analysis, forecasting, management and marketing, as well as key skills in textile technology.

Graduates of our Fashion courses go into both the manufacturing and retail sectors of the textile and clothing industry as designers, design managers, selectors, buyers, stylists and producers. Companies that have recently employed our graduates include Marks and Spencer, Gap, Next, Paul Smith, John Lewis, Benetton, Laura Ashley, Matalan, DAKS Simpson and BHS.

Our Textile Science and Technology graduates either progress to research and manufacturing sectors of traditional textile firms, or work on technical textiles and composites, which are increasingly used in areas as diverse as the automotive industry and medical technologies. Companies that have recently employed our graduates include Speedo, Nike, Hugo Boss, Heathcoat Fabrics, Autoliv AB, Clear Edge Filtration, Unilever, The British Museum, Clariant and Heimbach.

“I gained so many transferable skills, including team working, presentation skills, market analysis, personal reflection and how to create an e-commerce website. These proved invaluable when it came to finding a job.”

Kate Pascoe, BSc (Hons) Management and Marketing of Fashion Textiles
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**SUBJECT AREA**

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| Computer Science (Human Computer Interaction) (4 Years) [MEng] | I142 | A*AA | 38 | 106 |
| Computer Science (Human Computer Interaction) with Industrial Experience [BSc] (4 Years) | I141 | AAA | 37 | 106 |
| Computer Science (Human Computer Interaction) with Industrial Experience [MEng] (5 Years) | I143 | A*AA | 38 | 106 |
| Computer Science and Mathematics (3 Years) [BSc] | GG14 | AAA | 37 | 106 |
| Computer Science and Mathematics with Industrial Experience (4 Years) [BSc] | GG41 | AAA | 37 | 106 |
| Computer Science with Business and Management (3 Years) [BSc] | G4N2 | AAA | 37 | 106 |
| Computer Science with Business and Management with Industrial Experience (4 Years) [BSc] | GNK1 | AAA | 37 | 106 |
| Computer Science with Industrial Experience (4 Years) [BSc] | G405 | AAA | 37 | 106 |
| Computer Science with Industrial Experience (5 Years) [MEng] | I100 | A*AA | 38 | 106 |
| Computer Systems Engineering (3 Years) [BEng] | HH66 | AAA | 37 | 106 |
| Computer Systems Engineering (4 Years) [MEng] | GH4P | A*AA | 38 | 106 |
| Computer Systems Engineering with Industrial Experience (4 Years) [BEng] | HHQ6 | AAA | 37 | 106 |
| Computer Systems Engineering with Industrial Experience (5 Years) [MEng] | H650 | A*AA | 38 | 106 |

**CRIMINOLOGY**

| Criminology and Quantitative Methods (3 Years) [BASS] | C856 | ABB | 34 | 134, 186 |
| Criminology (3 Years) [BA] | M901 | ABB | 33 | 134 |

**DENTISTRY**

| Dentistry (first-year entry) (5 Years) [BDS] | A206 | AAA | 37 | 108 |
| Dentistry (pre-dental entry) (6 Years) [BDS] | A204 | AAA | 36 | 108 |

**DEVELOPMENT STUDIES**

<p>| Development Studies (3 Years) [BAEcon] | L900 | AAB | 35 | 113 |</p>
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Each application is considered on a range of academic backgrounds.

Students are accepted from English Language and Chinese (4 Years) [BA] [QT31] ABB 34 138

Each application is considered on its individual merits.
### ENGLISH LITERATURE

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Students are accepted from a wide range of backgrounds. Each application is considered individually.
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### Physics

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*Students are accepted from a range of academic backgrounds. Each application is considered on its individual merits.*
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### PORTUGUESE
- Portuguese and Chinese (4 Years) [BA]
- Portuguese and Japanese (4 Years) [BA]

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### PSYCHOLOGY
- Psychology (3 Years) [BSc]

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### RELIGIONS AND THEOLOGY
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- Religions and Theology (3 Years) [BA]

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### RUSSIAN
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- Russian and Chinese (4/5/6 Years) [IPML]
- Russian and Japanese (4 Years) [BA]
- Russian and Japanese (4/5/6 Years) [IPML]
- Russian and Portuguese (4 Years) [BA]
- Russian and Spanish (4 Years) [BA]
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- Russian Studies (4 Years) [BA]

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### SCIENCE WITH AN INTEGRATED FOUNDATION YEAR
- Science with an Integrated Foundation Year (4 or 5 Years)

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The Manchester Access Programme (MAP)

The Manchester Access Programme (MAP) is for Year 12 students in Greater Manchester from backgrounds less likely to go to university, such as low-income families, or with experience of being in local authority care.

If you live or study in Greater Manchester and meet certain criteria, you could join MAP. We recruit students during their first term of Year 12 (lower sixth).

As a MAP student you’ll complete a portfolio of work to demonstrate your potential to succeed at university and help you prepare for the move to higher education. You’ll receive a number of benefits on completing the programme, including support through the UCAS application process and a reduced admissions offer towards entry for a course at The University of Manchester.

Find out if you’re eligible: www.manchester.ac.uk/manchesteraccessprogramme
A different path

Ilyas Nagdee
BA Arabic and Middle Eastern Studies

At school, Ilyas had never even thought about applying to university. But after being introduced to the Manchester Access Programme (MAP) he was more prepared to consider his options and was supported to apply to Manchester. Now well into his degree, Ilyas is proud to be a MAP ambassador, supporting other students like him to consider university.

On my aspirations

“When I was in high school I always thought university wasn’t really a prospect for me. I went to a school that achieved below national average in GCSE grades. We didn’t go on trips to universities, and no one in my family had gone to university before, so I really didn’t have any information at all. It seemed like a thing that I’d never do.

“At the end of year 11, I got the best GCSEs of all the male students in my school. At that point I thought, maybe I do want to go to university. But I still had no idea how to get there.”

On how MAP changed my mind

“When I was in college one afternoon, someone from the MAP team came in to do a talk – that started me on the journey to university. I was able to go to workshops that helped me understand how to reference, write essays and write a personal statement – I received help on the entire application process.

“I attended a MAP summer school, which was epic! I got to do loads of social activities and meet people from other colleges and schools in the area who were from similar backgrounds and wanted to go to university.”

On being an ambassador

“I’m now in my fourth year being a MAP ambassador and I love it. I understand the backgrounds these students come from. Because students can relate to me, they feel comfortable asking me questions. I’m not a teacher, I’m just a person who went through it.

“It’s great to be able to give back – I’ve helped so many students to develop skills and to build their CVs. It makes me feel really old though!”

On how Manchester leads the way

“I think Manchester stands out as a university that really wants to help students from lower socio-economic backgrounds, and I think MAP really helps students who may not consider university to be an option for them.”