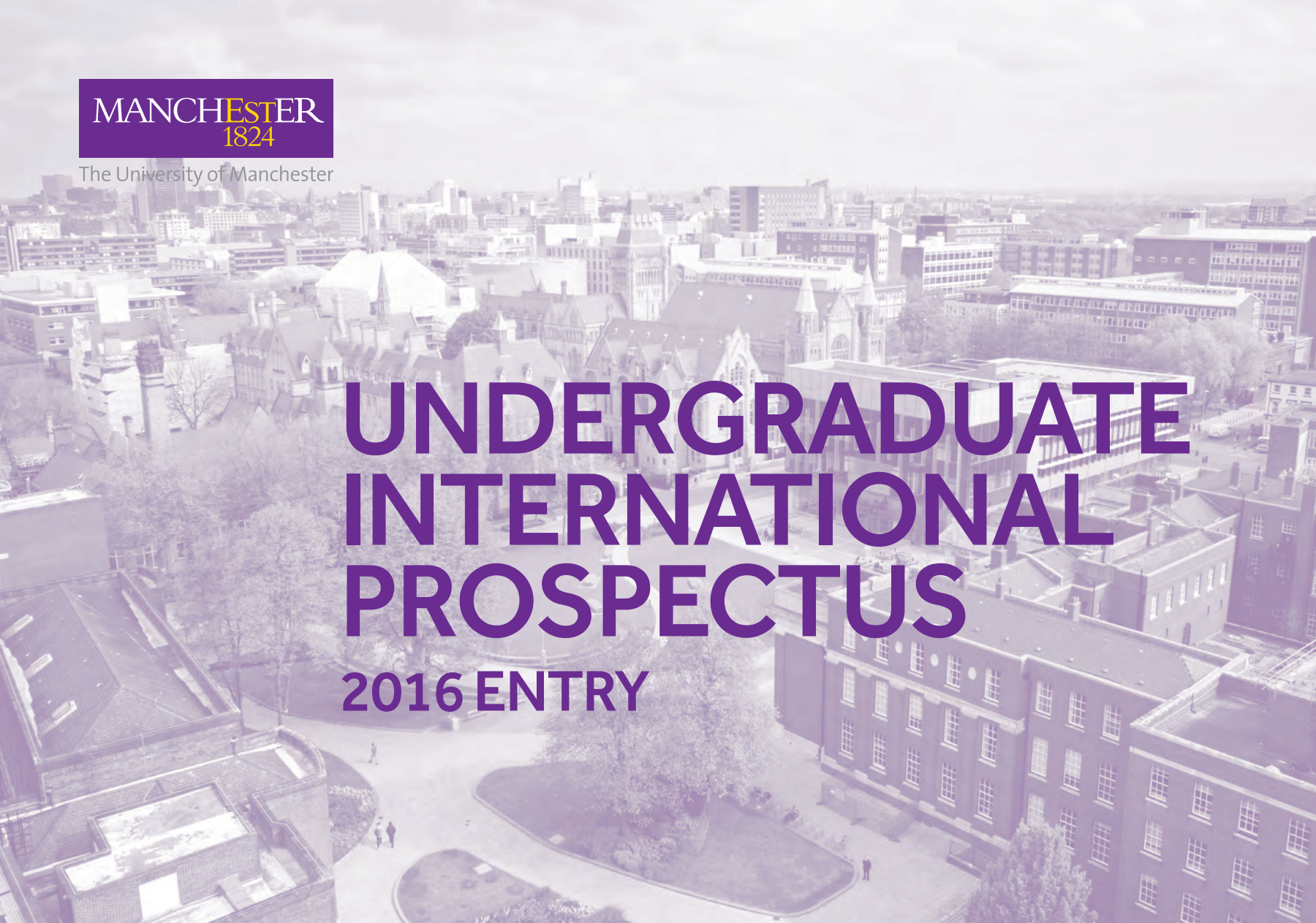


An aerial photograph of the University of Manchester campus and the surrounding city of Manchester. The image shows a mix of historic university buildings with Gothic-style architecture and modern city skyscrapers in the background. The foreground features a large green lawn with several trees and a few people walking. The entire image has a light purple tint.

MANCHESTER
1824

The University of Manchester

UNDERGRADUATE INTERNATIONAL PROSPECTUS

2016 ENTRY

As well as reading this prospectus...



www.manchester.ac.uk



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



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



[manchesterstudentblogs.
wordpress.com](http://manchesterstudentblogs.wordpress.com)

For enquiries on specific courses

Contact the admissions officer for the relevant subject area. Contact details are in our course listings pages, which start on p54.

If you need a copy of this prospectus, or certain sections of it, in an alternative format, please call our Student Recruitment Office:
+44 (0)161 275 2077





Get a better view from your smartphone



Some of our prospectus content is complemented by videos that you can view on your mobile phone to get more insight into student life at Manchester.

1. Download the Junaio app (listed as 'Junaio Augmented Reality Browser') from your app store.
2. Open the app and use the search icon in the top corner to find 'The University of Manchester 2016 Prospectus'. Select, and your camera viewfinder will activate.
3. Hover your phone over the page wherever you see our smartphone logo to find out more about life at Manchester.



Manch



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Ten reasons why

The University of Manchester welcomes more international students than any other British university. No other UK university receives more undergraduate applications than us.

Here are a few reasons why the world's brightest and best choose Manchester.

1 We have the **highest possible rating from global employers** for the quality of our graduates,* and we're the **most targeted university by the UK's top 100** graduate employers.**

Discover how you can boost your employability – p30.

We're right at the heart of the **UK's most popular student city.**

Explore the city of Manchester – p42.

As one of the UK's top research institutions, we feed our research directly into our courses – meaning you'll **graduate with the latest knowledge in your field.**

Get a taste of our world-leading research – p10.

5 We're **part of the prestigious Russell Group**: 24 leading UK universities committed to the highest international levels of academic excellence in teaching and research.

4 We welcome the **UK's largest student community**, open to ambition and talent from everywhere.

Find out how we'll support you – p18.

6

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 – p6.

7

We partner with leaders in industry and education to offer you diverse **practical experiences that supplement your academic learning** and make you even more employable.

See how you could broaden your horizons – p26.

9

We're investing **£1.75 billion in advanced campus facilities.**

Explore our historic yet ever-evolving campus – p12.

8

We're unique among UK universities in having social responsibility as a core goal. 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 – p38.

10

You could join the **UK's biggest students' union**, offering an unrivalled range of exciting social and extra-curricular opportunities, including many international societies.

Get to know our Students' Union – p36.

And we're not standing still. We've leapt 40 places from 78th to 38th in ten years in the Shanghai Jiao Tong Academic Ranking of World Universities – and we want to go further. Join us, and you'll be part of a university driven by a spirit of innovation.

Your future starts here.

Discover how a Manchester degree can help you fulfil your potential.

Achievements that changed the world



Manchester ushered in the **digital age**. The world's first stored-program computer was developed here in 1948, and **Alan Turing** pioneered artificial intelligence during his time at the University.

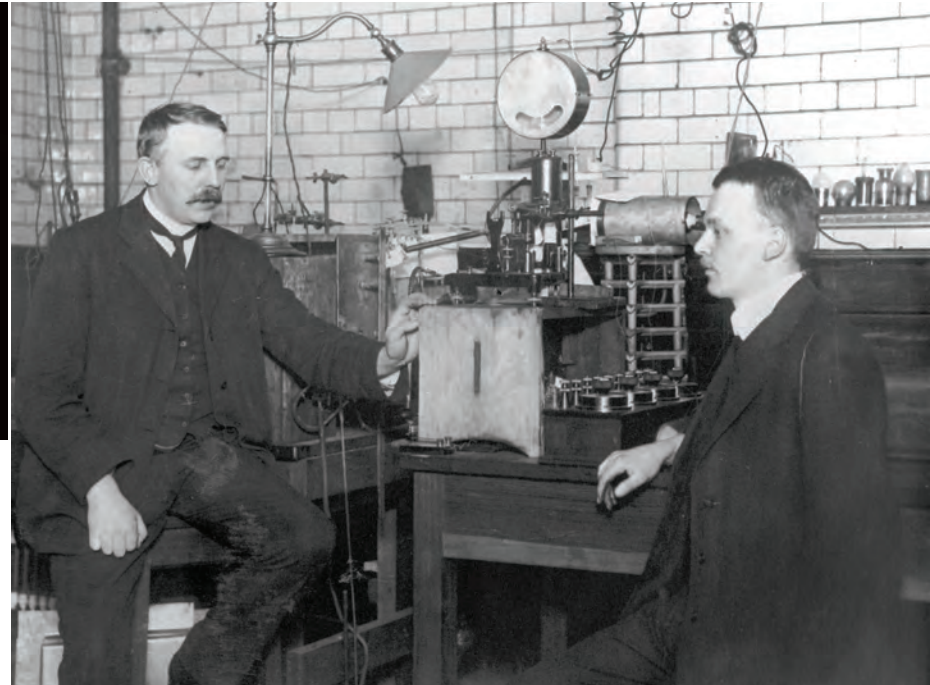
Manchester's story is one of world firsts and brilliant discoveries. Join us and follow in the footsteps of global innovators and pioneers whose achievements have helped shape the modern world.



▲ 25 Nobel Prize winners have worked or studied at Manchester.



► Manchester is the birthplace of nuclear physics. **Ernest Rutherford's** work between 1907 and 1919 led to the **splitting of the atom**.





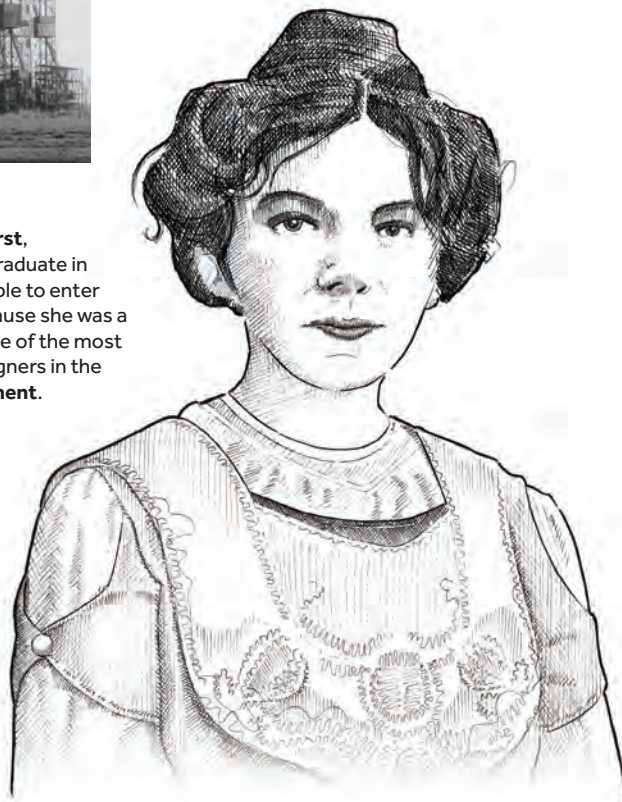
Our observatory at **Jodrell Bank** is home to the iconic Lovell Telescope, which was the **world's biggest telescope of its kind** when it first opened in 1957. Jodrell Bank will also soon be home to the central control hub of the world's largest radio telescope, the Square Kilometre Array.



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** (also found in pencil lead).



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



▲ 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 while 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

A network of inspiring alumni

We're connected with more than 290,000 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.



Leena Gade

Race engineer, Audi Sport
MEng Aerospace Materials
Engineering, 1998

It's been 17 years since I graduated from Manchester but the basic engineering skills I learned on the four-year MEng course have helped me every step of the way through my career, from working on noise, vibration and harshness at Jaguar Cars and the automotive consultancy MIRA to my current role in race engineering at Audi Sport.

Engineering is an ever-changing field with new challenges every day. At Manchester I had the opportunity to explore many different fields that have since overlapped into my working life.

Since leaving University I have learnt so much and, had it not been for my choice of degree, I don't think I could have achieved as much as this.

And there's still so much I want to achieve. There are still a lot more Le Mans races and world championships to win!





Parineeti Chopra

Actress
BA International Business,
Finance and Economics, 2009

Life has brought me to where I am today but I can never forget my experience at Manchester. It not only educated me but also made me the person I am.

Manchester is one of the most holistic universities – the education here helps you develop both academically and on a personal level. I would recommend Manchester to every student. It will change your life forever!

Yew Yeong Long

System manager
Defence Science and Technology Agency
BEng Electronic Engineering, 2003

Manchester is an inspiring, intellectual and international environment that has sharpened the way I perceive and do things. I learned how to embrace different views, fresh ideas and innovative solutions – all of which has helped me in my career.

I assisted the University's Alumni Association of Singapore in pre-departure seminars to advise UK-bound students about studying and living in Manchester. I enjoyed student life – I made many friends with whom I stay in touch today.

Sajeda Barni

Strategic trainee
Bahrain Petroleum Company
BEng Petroleum Engineering, 2013

In addition to a strong technical degree, Manchester helped me develop skills such as presentation, leadership, teamwork and independence. I also met many people from different countries and learnt about their religions and cultures. Manchester made me a different person!

My degree from Manchester helped me a lot in my career back home. It distinguished me from other graduates through both my knowledge and the soft skills I gained.

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



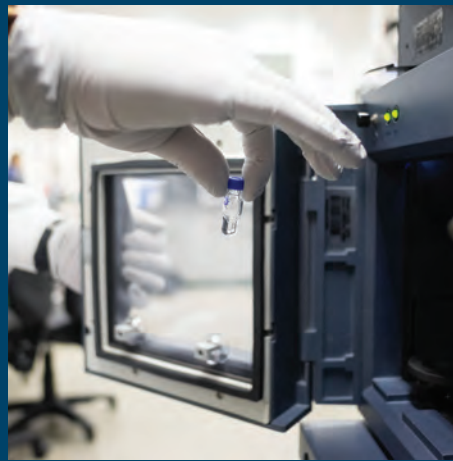
www.pinterest.com/alumniuom/notable-alumni-of-uom

Global challenges, Manchester solutions

The research we carry out has an impact not just on your course, but also on the wider world. Our pioneering discoveries, interdisciplinary collaborations and cross-sector partnerships are tackling some of the biggest questions facing the planet.

What this means for **you**

- World-class research across our disciplines 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 invests in the best research and learning facilities and resources
- Benefit from a learning environment where interdisciplinary teamwork is the basis of discovery and innovation



INDUSTRIAL BIOTECHNOLOGY

The University is leading the way, both nationally and across Europe, 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.

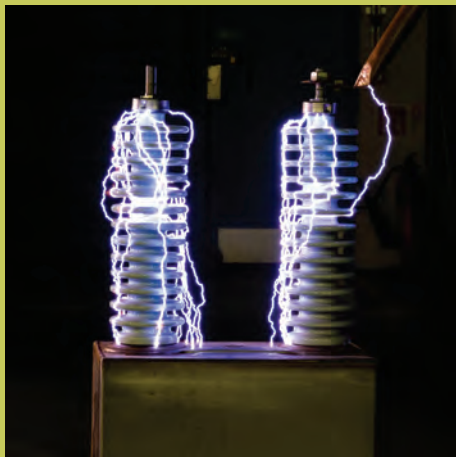


ADDRESSING GLOBAL INEQUALITIES

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 seek to understand why these happen so we can bring about a fairer world.

Our research directly influences policies that bring about 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.





ENERGY

We're pioneering the energy systems of 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.

Our research is helping to ensure energy gets to the point of need efficiently, providing UK network partners with the knowledge to deliver reliable and sustainable power. We're finding out more about how today's urban society uses energy, blending expertise from engineering and the social sciences to learn more about demand and how it can be met.



ADVANCED MATERIALS

We lead the world at developing new and existing materials for extreme environments, as well as in characterisation – measuring and exploring materials to help us fully understand their properties and potential. In all of our advanced materials research we're working with dozens of industrial partners to bring discoveries from the lab to the lives of real people.

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



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 our nursing, psychology and policy work, we're researching and putting into practice solutions to the physical, emotional and economic impacts of cancer. And our links with NHS organisations and cancer charities – as well as the support of the local population – make for an unrivalled beacon of research.

Cosmopolitan campus

Reaching into the heart of Britain's number one student city, our friendly, self-contained campus brings together a multicultural community of almost 38,000 students from 154 countries to study, relax and get involved in university life. We're investing a massive £1.75 billion to transform our campus and facilities, creating an optimum and sustainable learning environment for world-class students.

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.

www.uomtheatrium.wordpress.com



Whitworth Building

The most iconic of our historic Victorian buildings marks the heart of our campus. You'll use it to orient yourself when you first arrive – and to say goodbye when you graduate within the grand Whitworth Hall.

www.manchester.ac.uk/historic-buildings





Alan Gilbert Learning Commons

Manchester students helped to design every aspect of this ultra-modern study space, from its interior design to its many student-centred services, such as the flexible use of learning pods and media screens for group study and independent learning. The building won the *Guardian* award for Best Facilities Project 2014 and is open 24/7 during term time.
www.manchester.ac.uk/library/learningcommons

Students' Union building

We're home to the UK's biggest students' union, with hundreds of student societies, an independent advice service, shops, and a cafe and 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 four million printed books and manuscripts and more than half a million electronic items. A further ten 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



Gilbert Square

Next to the Learning Commons, this green space is a favourite spot for relaxing, reading and even enjoying a picnic in summer.

IT facilities

You'll find more than 3,000 PCs and widespread free WiFi around campus, and you can also join the international eduroam network for quick and easy access to WiFi facilities at other participating institutions as well as Manchester. Mobile-friendly facilities include e-learning, email and printing.
www.manchester.ac.uk/itservices/students

Martin Harris Centre for Music and Drama

Our primary performance space for contemporary and classical music, drama, comedy, literature and more.

www.manchester.ac.uk/martinharriscentre



Manchester Museum

Explore ancient worlds and an ever-changing array of exhibitions at our own museum on campus.

www.manchester.ac.uk/museum



Manchester Aquatics Centre

One of the UK's biggest and best swimming facilities. Built for the 2002 Commonwealth Games, it features two 50-metre pools, a diving pool, sauna, steam room and spa.

www.better.org.uk/mac



Manchester Academy

The original and biggest of our Students' Union's four gig venues welcomes a broad range of musical talent, from Prince to London Grammar, Kaiser Chiefs to The Stranglers, and Rita Ora to Kylie Minogue.

www.manchesteracademy.net



The Whitworth

Also part of the University, one of the city's premier art spaces is based in nearby Whitworth Park. It re-launched in 2015 after a spectacular £15 million refurbishment.

www.manchester.ac.uk/whitworth



Jodrell Bank Observatory

University-owned yet located in rural Cheshire, Jodrell Bank allows you to explore the wonders of the universe – and the work of Manchester astrophysicists and engineers.

www.jodrellbank.net



The John Rylands Library

This beautiful neo-Gothic, University-owned library in Manchester city centre is home to one of the world's finest collections of rare books and manuscripts – including first-edition Shakespeare plays, the earliest surviving fragment of the New Testament, and the world's smallest book.

www.manchester.ac.uk/library/rylands



Armitage Sports Centre

Facilities here include an air-conditioned fitness suite with free-weights area; sports hall for badminton, basketball, cricket, netball and volleyball; two squash courts; four floodlit five-a-side football pitches; two full-sized floodlit artificial turf pitches; six grass pitches and two tennis courts.

www.manchester.ac.uk/armitagesports



Sugden Sports Centre

The ideal spot to drop in for a workout or fitness class or compete in an organised sport activity. This is one of our four main sports sites, which together include fully equipped fitness suites, several indoor courts and outdoor pitches, and well-being rooms.

www.sugdensportscentre.com

International Society

This independent organisation provides a warm welcome for international students across Manchester. Its members, many of whom have themselves experienced living away from their native country, aim to ensure students have a rewarding experience in the UK.

www.internationalsociety.org.uk



Countless events and activities are provided. From barbecues to tea afternoons for new students, they welcome you in every way.

Through the society, I've had the chance to visit many different places in England, from Stratford-upon-Avon, the city of Shakespeare, to the beautiful scenery of the Lake District.

The most valuable experience I had was participating in the

International 16. This is a cultural exchange programme where 16 students from different countries have the opportunity to teach and learn about other cultures and organise cultural events.

The staff are always helpful and friendly. I spend most of my spare time in the International Society, and I can truly say they have become like a family to me.

Camila Carelli Yamamoto

BSc (Hons) Management (Marketing)



An international hub on campus

As a student from Brazil, I can honestly say the International Society has been a major support in my life in the UK. It's a place where you can get helpful advice, feel at home and meet unique people.

Sandra To-Pow-Wan

BSc Management (Marketing)



Develop as a student with flexible and powerful learning resources

Sandra, who came here from Mauritius, makes use of the full range of learning resources on offer at Manchester, from online advice to the one-to-one support of her academic adviser. She loves the learning environment of our libraries but also enjoys the accessibility and lively atmosphere of our Alan Gilbert Learning Commons, a 24/7 study space that we designed in consultation with our students.



On the University's learning resources...

The support offered by the University is really well structured, as there's something available for everyone – whether you want to read guidance online or meet up with somebody one to one.

On the Main Library...

There are many libraries around campus for different disciplines, but the biggest and most central is the Main Library. Here you'll find lots of books and resources – it's the place to go if you need that peace and quiet to work alone. I love working here – I really like that unmistakable smell of the books! The atmosphere really puts you in the right frame of mind to study.

On the Alan Gilbert Learning Commons...

Once the library closes, I go to the Alan Gilbert Learning Commons, which is open 24 hours a day. There's a lot of space here to work, either on your own or in groups.

The Learning Commons is really popular, so it can get busier than the Main Library, but you can book group study rooms in

advance. It's got a great cafe and has a social side that you wouldn't normally associate with a library.

On the John Rylands Library...

You'll find this grand and historic library on Deansgate in the city centre. It's really beautiful and has special collections – you'll see many more ancient books here than you'd see in the Main Library! Plus there are exhibitions throughout the year, which are always interesting.

On the support offered by our libraries...

The staff in the libraries are really helpful and make sure you have a good study environment – particularly during exam time, when they'll always help you get the books you need.

The Main Library also provides a suite of support materials called My Learning Essentials, which offers online resources, drop-in sessions and workshops. I mainly use the online resources, which are really easy to access. It's given me help with structuring essays – it was really detailed, and it meant I could find the answers to problems myself at a time that was convenient to me.



On academic advisers...

An academic adviser is someone who supports you from day one, giving you advice on academic and general University issues. I'm close to my academic adviser – she's fantastic. I feel like I can confide in her – it's easy to talk to her and there's that personal touch. I can email her whenever I'd like to meet up.

My academic adviser has helped me decide what I want to do in my course, which has put me on the right path. She keeps track of our grades and contacts us to offer her help if anything looks unusual.

Support

We have nearly 38,000 students from 154 countries at Manchester, but we make sure that every individual who comes here gets all the assistance they need through our wide range of support services and teams. We recognise that international students may have specific requirements, so we offer you additional help to make sure that your transition to living here is as smooth as possible.



Before arrival

Studying with us may be your first experience of the UK so, to help you prepare for your arrival here, we send you a step-by-step arrival guide offering detailed advice. University staff also hold pre-departure briefings in several countries, providing guidance to students in making preparations and answering questions and concerns. You can also connect with us via social media to prepare for orientation.



/OrientationUoM



@OrientationUoM



www.manchester.ac.uk/arrival



University shuttle service to residences

We run a free coach shuttle service for new international and EU students between Manchester Airport and all University accommodation sites at the beginning of the academic year. Priority on the service is given to students who are arriving on their own.

Orientation

At the start of the academic year you can take part in a comprehensive programme of events for new international students, designed to introduce you to the practicalities of living and studying in Manchester. Activities include talks, workshops and social events where you can meet other new students and find out useful information about the University and the city of Manchester. Staff and current students will be on hand to answer any questions you have.



www.manchester.ac.uk/orientation

Academic and personal advisers

We'll allocate you an academic adviser who'll watch over your personal and general academic progress, and offer you constructive advice. They'll also signpost relevant careers and skills development opportunities to boost your future employability. You may also be allocated a personal adviser; they can offer you advice in these areas as well, but perhaps with a focus on more general matters.

Student Services Centre

Our Student Services Centre provides a single point of access to information and advice at the University. It will enable you to complete all your administrative transactions in one location. These include issues relating to tuition and accommodation fees, student cards, scholarships and funding, examinations, and graduation arrangements.

 www.manchester.ac.uk/ssc



Student Immigration Team

Our designated immigration advisers are authorised to provide advice and assistance on student immigration matters by the Office of the Immigration Services Commissioner. The team, based in the Student Services Centre, can also signpost students to other University services to help with problems relating to finance, accommodation, council tax, childcare and academic issues.

 www.manchester.ac.uk/international-student-support

Health care provision

We strongly advise every student to register with a local doctor (known as a general practitioner or GP) near to their accommodation, and we'll help you to identify one when you arrive at the University. On campus we have a dedicated occupational health service that you can access for help and advice on managing any health issues that may affect your ability to study or your academic performance.

 waterloocchealth@manchester.ac.uk

If you're applying to stay in the UK for six months or longer, you'll be required to pay an immigration health surcharge (prior to completing your visa application) to cover your health care. Once you've paid the surcharge you'll be entitled to visit a doctor or to be treated in hospital for free. Students from Australia or New Zealand are exempt from the health surcharge as the UK has reciprocal health agreements in place with those countries.

If you expect to be in the UK for less than six months and your home country does not have a reciprocal arrangement with the UK, then we strongly advise you to have medical/health insurance. You can find out more about health care in the UK at the UK Council for International Student Affairs website.

 www.ukcisa.org.uk

Childcare

Two nurseries are associated with the University for children between six months and five years of age: Dryden Street Nursery and Echoes Nursery. Both nurseries are staffed with trained and experienced personnel.

Religious support

We have chaplains on campus for Anglican, Baptist, Methodist, United Reformed and Roman Catholic churches. Facilities are provided for Jewish worship and there are prayer facilities across campus for Muslim students. There are also student societies for a wide range of religions.

Counselling

Our University Counselling Service provides free, confidential help, on an individual or group basis, to all students facing difficulties that are affecting their personal well-being or ability to work.

 www.studentnet.manchester.ac.uk/counselling

Disability support

We welcome students with additional support needs as a result of a medical condition, disability or specific learning difficulty such as dyslexia or dyspraxia. We strongly advise you to contact our Disability Support Office before departure from your home country. If you have any personal care needs, you'll need to have sufficient funding to meet the cost of this support. Contact our Disability Support Office for further advice.

 disability@manchester.ac.uk

 www.manchester.ac.uk/disabilities



Accommodation

Manchester won't just be the next stage in your education; it'll also be a home away from home. Our University accommodation offers something for everyone: catered and self-catered, traditional and modern.



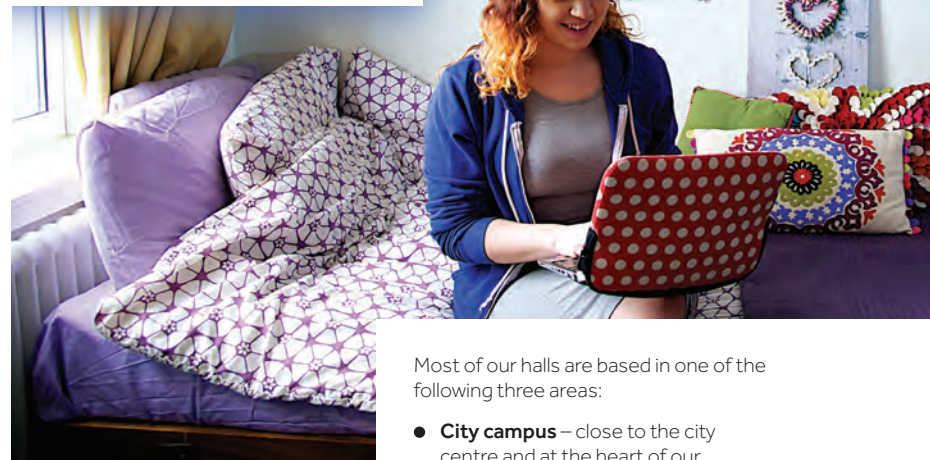
Our accommodation guarantee

As an international student, you're guaranteed a place in a University-managed hall of residence for the full duration of your course, provided that you fulfil the following conditions:

- you're coming to the University alone;
- you've firmly accepted a place at the University;
- you submit an application for accommodation by 31 August 2016.

In subsequent years of study you'll need to re-apply for accommodation. If you don't meet the conditions listed above, you're still welcome to apply for University accommodation, but a room may not be immediately available.

 www.accommodation.manchester.ac.uk/applications



Hall life

Halls are self-contained communities, some with their own bars, common rooms and social activities. They're an ideal place to make new friends.

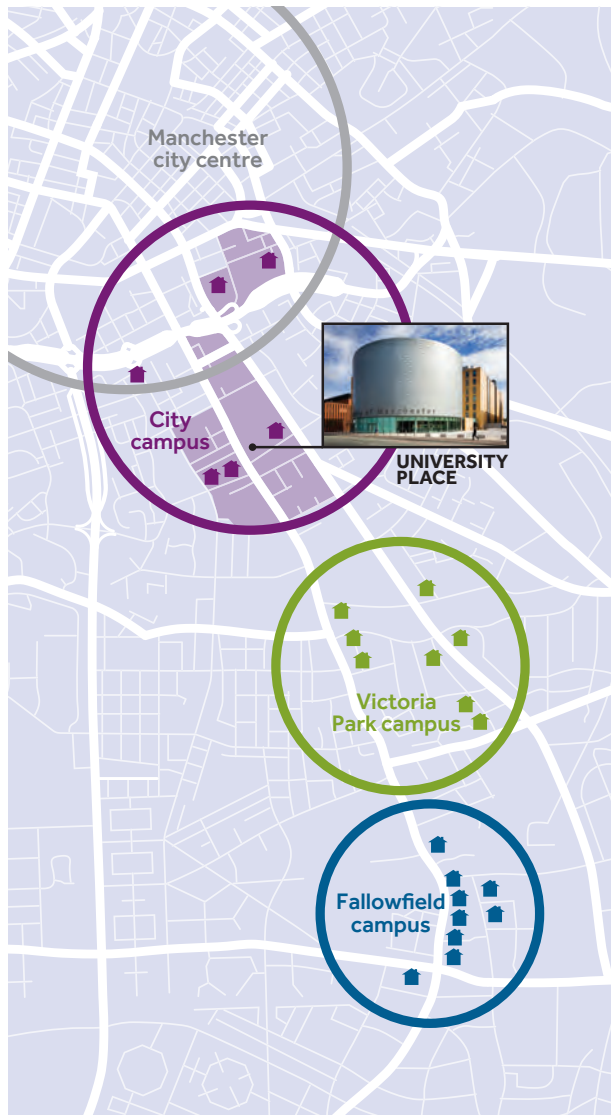
All halls have single bedrooms with an Internet connection. In self-catered halls you share a kitchen and sometimes a living room with other students. Some halls offer en-suite facilities while others have shared bathrooms.

Most of our halls are based in one of the following three areas:

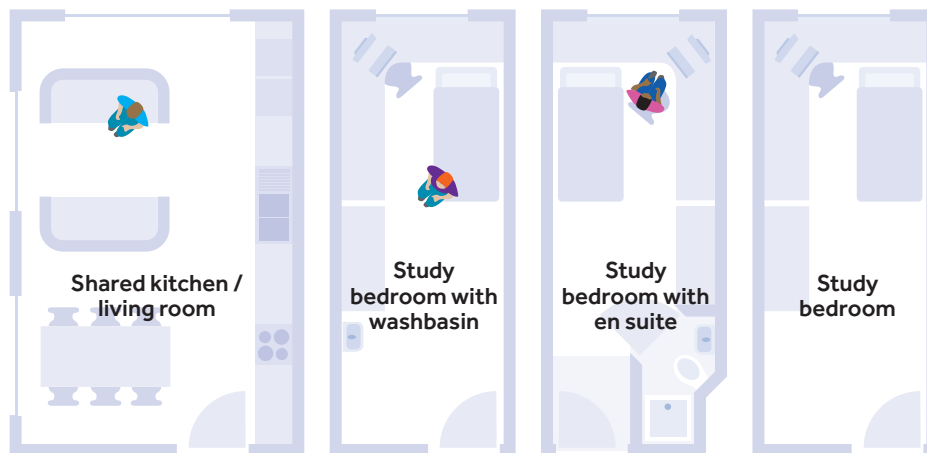
- **City campus** – close to the city centre and at the heart of our teaching campus;
- **Victoria Park campus** – a nearby leafy suburb about a mile (2km) from campus;
- **Fallowfield campus** – a student hub less than two miles (3km) from campus.

Each hall offers something different, with kosher and single-sex halls among the range of accommodation we offer.

 www.accommodation.manchester.ac.uk



Typical room plans*



*Please note that, due to the range of halls, these are indicative floor plans only.





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're automatically a member of your RA or JCR; 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 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 involved in hall life straight away.



Safety and support

Student safety is one of our highest priorities. Security guards patrol 24 hours a day and cameras are located throughout the campus. Most halls have student swipe-card entry systems and each residence has a team of wardens and tutors who live within the hall to offer help and guidance.

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 choose not to live in halls, contact Manchester Student Homes – the best source of information and advice on privately rented student accommodation in Manchester.

✉ manchesterstudenthomes@manchester.ac.uk

☎ +44 (0)161 275 7680

💻 www.manchesterstudenthomes.com

Find out more

✉ accommodation@manchester.ac.uk

☎ +44 (0)161 275 2888

💻 www.accommodation.manchester.ac.uk

Accommodation fees

Costs vary depending on facilities, but sample 2015/16 prices are:

Accommodation type	Cost per week
Single self-catering bedroom; shared facilities	£104
Single self-catering bedroom; en-suite facilities	£132
Single bedroom in a catered (meals provided) hall	£ 135

A portrait of Georgina Carter, a young woman with long, light brown hair, smiling at the camera. She is wearing a black button-down shirt and a thin gold necklace with a small pendant. The background is a blurred interior of a library or study hall with bookshelves and warm lighting.

Georgina Carter

BSc Anatomical Science
with a Modern Language

The perfect base for your time living in Manchester

Georgina lives in Ashburne Hall on our Fallowfield campus. On arrival, she was quickly impressed by the sense of community, with a range of events put on by the JCR to help the new students settle in.

On her room...

The rooms at Ashburne Hall are known to be much bigger than the usual University hall rooms. My room has more than enough space for me to do yoga in the morning and it has a nice big window looking out on to the garden and pond outside.

On dining in halls...

My hall is catered. The main benefit is not worrying about cooking every day. Also, having meals at the same time as everybody else enables us to socialise a lot with all of the other people in the hall, and we even have formal dinners once a month that are quite a treat.

My favourite memory of living in halls was the Christmas dinner that we had right before the holidays. They decorated the dining hall beautifully and we had Christmas crackers, hats and wine with our food. It was a lovely way to end the term.

On the facilities...

Ashburne has a few common rooms and a small computer cluster. Each corridor

also has a small kitchen that's shared among the residents for weekend meals. There's also a library that we share with Sheavyn House that's extremely useful during exam times.

On the support on offer...

I came to Manchester from the US, and I've found it very easy to settle in. Our warden is very sociable and joins us for dinner. We have regular meetings with our corridor tutor about the issues we may have in halls. If there's ever a problem, it gets taken care of immediately, and there's a Facebook group for all the residents to help us stay connected.

On making friends...

It's quite easy to make friends due to everyone having breakfast and dinner together. At the beginning of the year, when the JCR has lots of social events, it's very easy to meet new people. Ashburne Hall is quiet enough to be able to work uninterrupted and get plenty of sleep, but it's still quite social and has a very good sense of community.

Degrees of excellence

Employers love the Manchester degree. That's why we're the most targeted university by the UK's top 100 graduate employers. But what makes our degrees so valuable?

World-class tutors

You'll be taught by some of the best minds in the country, many of whom are **global leaders** in their fields.

Developing skills alongside academic excellence

We'll make you an independent, results-driven professional by encouraging you to think creatively and analyse effectively. We assess you on **abilities that employers value**, such as working as part of a team, delivering presentations and solving problems.

Cutting-edge knowledge relevant to employers

Studying at a research-intensive university with excellent industry links ensures your course incorporates the **latest research findings** and meets **current industry needs**.

Personalised, flexible courses

You can **tailor your course to your interests and career ambitions** with a diverse range of optional course units that typically increases as you progress, often including other subjects and specialisms.

Confronting contemporary ethical issues

Whatever you study, you'll take part in our **Ethical Grand Challenges** programme, which will confront you with three major ethical challenges of the 21st century – sustainability, social justice and workplace ethics – and equip you to **make a positive difference to the world**.

Outstanding learning facilities

We've invested more than **£750 million** into **excellent resources and facilities** over the past decade – including our state-of-the-art student learning space,



the Alan Gilbert Learning Commons, and a virtual learning environment offering interactive activities and study materials, such as podcasts and online staff-student sessions.

Individual support throughout your degree

You'll have **your own academic adviser** who'll work with you throughout your degree to help you achieve your full potential and tackle any problems that might arise.

Experiences that go beyond your studies

Take advantage of opportunities to **study abroad, gain work experience or volunteer** and you'll pick up skills that will give your degree **extra credibility and prestige** in the eyes of employers.

International foundation pathways

Foundation year

In many countries the education system involves spending one year fewer at high school and one year more at university, compared with the English system (see flowchart below).

If you've studied in a country where you are required to spend fewer than 13 years at school, and have not taken A-levels or

the International Baccalaureate Diploma, it's likely that you'll need to complete a foundation course before you enrol for a UK university degree.

A foundation course is a bridging course designed to equip students with the appropriate academic grounding for a UK degree. The foundation syllabus may also include additional English language

teaching if you need to improve your proficiency (see p48).

At Manchester we offer integrated foundation courses on our campus for degrees in Science, Engineering and Pharmacy, and at nearby Xaverian College for Life Sciences. For details of these courses see p76, p87 and p101.

INTO Manchester

INTO Manchester offers a foundation pathway programme in partnership with The University of Manchester. Other than the integrated courses mentioned above, the INTO Manchester programme pathways in partnership with the University are designed to provide you with a guaranteed offer of progression (or, in the case of biological sciences, an interview) to a wide range of our degree courses, including Engineering, Physical Sciences, Management, Social Sciences, Law and other humanities-based courses, Life Sciences, Pharmacy, and Psychology.

 www.into.uk.com/uom

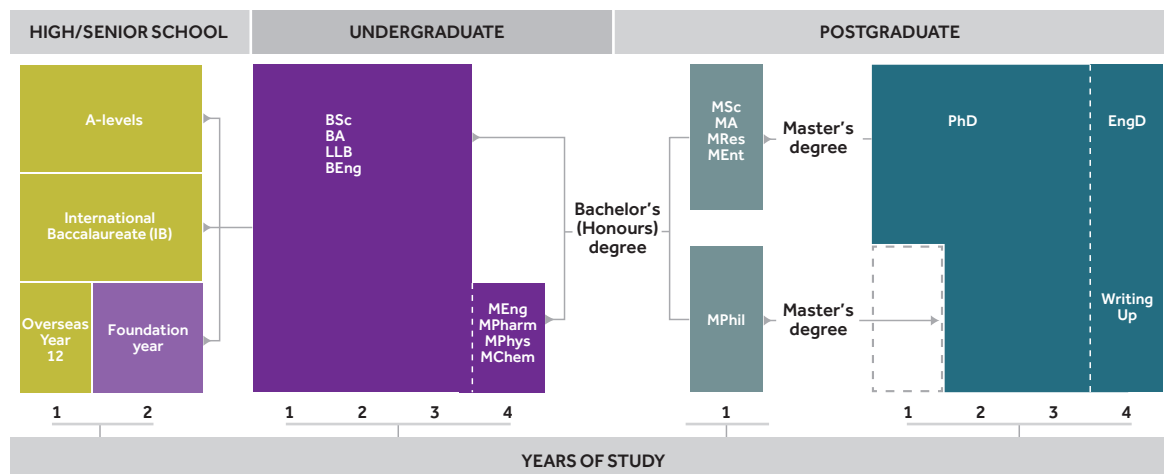
We will also consider candidates from other external foundation providers. To check whether a foundation course is recognised, please email:

 international@manchester.ac.uk

Find out more

 www.manchester.ac.uk/study/international/admissions/foundation-courses

English education system flowchart



Study abroad

As well as experiencing a British education, you can also sample life, culture and study in another country as part of your 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.

Your study abroad options

Most degree programmes provide the opportunity to study abroad.

- You could **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.
- You'll find studying abroad a **highly cost-effective way to experience life overseas**. Take a year abroad as part of a four-year course and, depending on the country you're from, your tuition fees for that year may be lower and, if you have one, you may still be able to receive your student loan. Take a European exchange, and you'll usually receive an Erasmus grant towards costs.

Find out more

- ☎ +44 (0)161 275 3053
- ✉ goabroad@manchester.ac.uk
- 📝 manchesterontheroad.wordpress.com
- 💻 www.manchester.ac.uk/undergraduate/studyabroad



Sarah Chok

BSc Biomedical Sciences

Experience student life in another country

I chose to take advantage of the opportunity to study abroad as part of my course by spending time at the University of Queensland in Brisbane, Australia. I have a close high-school friend from back home in Malaysia who's currently studying there, so I knew it would be a good choice.

Studying abroad allowed me to see the different types of research and education methods at another university. It was really interesting how different academics were in Australia and their style of teaching.

It also allowed me to meet a lot of people from around the world. Being in a situation where I had to

get to know new people helped me become used to putting myself out there.

My best memory was a trip we took during the mid-semester break. We rented a camper van and drove down the east coast of Australia. There were also many society parties and lots of dressing up!



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.

Benefits of industrial experience

- **Make yourself known to an employer** – 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.



Look out in the course listings on p54 onwards for subjects that offer options for industrial experience, study abroad and a modern language. Please contact the relevant School for more information about these options.

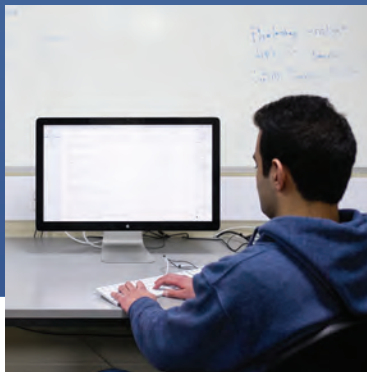
Aqib Aftab Syed

BEng Computer Systems Engineering
with Industrial Experience



Prepare for your ideal career with industrial experience

Aqib came to Manchester from India. He spent a year of his course working at AppSense, a small enterprise software company based in nearby Warrington. He enjoyed lots of things about his year in industry, not least the opportunity to be involved in developing a product that is now on the market. The experience enriched his studies and helped him apply for – and secure – a graduate job.



On making an impact...

A year in industry is considered much more than a summer's internship as you become part of the company and can see a project from start to finish. When I joined AppSense my boss asked me to look at some software for which they had outsourced development. People thought it was working fine. But I was able to see that the software wasn't working well and it was clear that it hadn't been tested rigorously enough. They ultimately scrapped the software and we had to build it from scratch!

There are people using this software now – for example, the UnitedHealth Group in the US and Leiden University. It feels pretty good to know my work is now out there.

On learning new skills...

I got to learn about software that I wouldn't have used on my course, and I gained management experience. Whenever my manager was going on holiday, he'd ask me to conduct meetings with the technical lead and then communicate any issues to our team. I also managed some of the new testers on our team to get them up to speed.

On returning to study...

The senior development officers were very helpful and even helped me develop the idea for my final-year project. The industrial year gave me a lot of skills and experience that I wouldn't necessarily get during my studies – that's what's so good about the opportunity. When I came back from my placement, my way of looking at things had changed.

On the benefits for employability...

When you're looking for jobs you'll find that many companies are interested in your academic performance, but they also want to know about your experience. After completing my year in industry, every company I applied to offered me tests or an interview. It certainly helps if you can tell employers that you've been part of a significant project.

I now have a graduate job. The placement definitely helped in the exercises and the interviews. When employers see CVs, they'll notice yours more if they can see experience on there. I don't think I'd have got as many interviews or had the knowledge to get through them without my placement.



On the experience...

Certainly apply for it. One – it helps you in your degree and gives you experiences you wouldn't necessarily get from your studies. Two – it'll help you with your graduate job applications, as the format for applying for both types of positions is similar. In your final year you'll be busy with projects, so whatever experience you have of applying for roles will put you in a good position when going for your dream job.

Employability

We're committed to helping you to stand out from the crowd when the time comes to start your career.

Employers in the UK and across the world look for a range of skills and experiences in graduate employees in addition to a degree. That's why, whether you have a career path in mind or are keeping your future options open, we'll encourage you to build career development into all aspects of your student life from your first day.

It's no surprise that we're the **most targeted university by the top 100 graduate recruiters in the UK** (High Fliers Research 2015).

“

Employability skills are a set of attributes, skills and knowledge that all labour market participants should possess to ensure they have the capability of being effective in the workplace.

”

**The Confederation
of British Industry**





Develop the skills that employers want

Graduate recruiters look for evidence of employability or transferable skills that lift you above the competition.

A Manchester degree is an internationally recognised academic qualification – but it's much more than that. Your course will encourage you to develop new ways of thinking and expose you to new cultures and diverse working practices. You'll develop a range of skills such as problem-solving, language ability, initiative, teamwork and creativity – all of which will help you stand out in the international job market.

Cultural awareness is increasingly a key selection factor for graduate employers; we're a very large and diverse community at Manchester, welcoming more international students than any other UK university. You'll not only mix with British people, you'll also be able to meet students from all over the world, learn about other cultures and improve your communication skills.

We have the UK's largest and most vibrant students' union, where you'll find a range of societies, many of which are professionally focused. Get involved, broaden your connections and develop qualities that are great for your CV, such as leadership skills.

And you can immerse yourself in Manchester, one of the UK's most multicultural cities, where up to 200 languages are spoken. All of this gives you the opportunity to gain a truly global perspective.



University College for Interdisciplinary Learning

If you want to broaden your academic horizons beyond your main subject, you can study a number of other course units that will count towards your degree through our University College for Interdisciplinary Learning. This will enable you to:

- **sample new topics outside of your degree**, expanding your skill set, experience and knowledge;
- **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;
- incorporate **hands-on experience** of working in industry or the community into your degree course;
- learn about the key **social and ethical grand challenges** confronting humanity today.

Examples of course units include:

- **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.
- **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.



Prove your ability with a prestigious award

Developed in collaboration with graduate recruiters, and combining academic study with hands-on extracurricular experience, University College awards give you evidence of employability skills that will help set you apart.

- **Manchester Leadership Award** – learn about leadership in action across the globe from leading academics and high-profile community leaders, and make a positive difference via local volunteering work.
- **Manchester Global Award** – discover global perspectives and learn to communicate across cultural boundaries via academic tuition and a period of international or intercultural experience.
- **Manchester Enterprise Award** – explore key business principles, study business ethics and innovation, and apply your knowledge via an enterprise project with a local business, charity or social enterprise.



www.college.manchester.ac.uk



Experience the workplace

Being a university of international standing gives us excellent connections with employers, both locally and worldwide. Many of our courses allow you to take advantage of **industrial experience opportunities** that can help shape your career (see p27).

You may also be able to **undertake part-time work**, allowing you to learn new skills and earn money while you study (see p51).



Take advantage of our international careers advice

Our award-winning Careers Service has relationships with around 6,000 UK and global employers – many of which are leading multinational recruiters. In addition to organising bespoke country-specific events, a broad and innovative range of services are available to our international students, including:

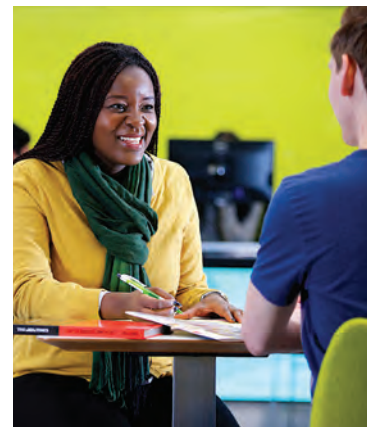
- **an international focus on job hunting** with advice on how to market your UK experience to recruiters;
- **practical skills-development courses and workshops** to boost your capabilities and commercial awareness;
- **advice on securing part-time jobs and volunteering work** to develop your professional 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;
- **one-to-one career mentoring** with experienced professionals across career sectors;
- **regular career fairs, presentations, webinars and workshops** where you can meet, learn from and connect with potential employers from a broad range of countries and sectors;
- **news, information and events** via our comprehensive careers website and social media channels (including a Weibo account for our Chinese students);
- **our My Future Profiler interactive questionnaire**, which gives you a detailed, personalised report explaining how to prepare for future success in your chosen area.

If you want to stay on in the UK after graduating to gain international career experience, our dedicated website on UK work visa options and regulations will provide you with useful guidance. In addition, our experienced careers consultants will be able to give you essential insights into how the UK job market operates.

If you want to secure employment back home, or if a new country appeals to you, you can speak to our Careers Service for ideas and strategies to explore the global opportunities on offer through our international jobs database.

No university will work harder than us to help you take control of your future and get your career off the ground.

 www.manchester.ac.uk/careers/international



Sunil Kumar

MEng Mechanical Engineering

Careers support to match your ambition

Coming to study here from Pakistan, Sunil wasn't aware of the demands of UK employers and the basic CV criteria used in the UK. However, he has made full use of the Careers Service at Manchester to get guidance on the UK job market and the recruitment processes employers prefer here. He has also found it to be a great resource when preparing for interviews.



On the support received from the Careers Service...

I've found the Careers Service at Manchester to be very helpful. I have been using it since my second year of university. The people there helped me build my CV, cover letter and even job application form. Every time I filled out a job application I would register for an appointment with the Careers Service and get it checked by an expert who would tell me about my grammatical errors or anything else I needed to change.

On help with interviews...

I also used the Careers Service whenever I got an interview. I set up an appointment with an expert who would go through the interview process and guide me on how to prepare for it and what to expect from the interview. When I was invited to my first ever interview for a graduate job with Tata Steel, I had no idea what to expect and how to give a telephone interview, but after my meeting with an expert at the Careers Service I learned a lot of techniques on how to manage.



On advice provided to international students...

The Careers Service provides a great service for all students. However, it also plays a good role specifically for international students – for example, you can get advice on finding jobs abroad and in your home country. The Careers Service also arranges fairs where it invites employers from different countries – for example there is a Pakistan Job Fair every two years, where students can meet employers from Pakistan.

On the range of services offered...

In my personal experience, the Careers Service at Manchester offers great support. It has an excellent website with complete guidance on

almost every matter a student would need, whether that's writing a CV for the first time or preparing for an interview or assessment centre. It also provides face-to-face guidance for any stage of the recruitment process.

On achieving ambitions...

Everyone should make use of the Careers Service during their time here at the University. You'll get proper and authentic guidance on every subject. Obviously your personal interest and motivation plays a big role in your path, as the Careers Service can only guide you. They won't fill in application forms on your behalf! You have to do the hard work yourself to achieve your goals, but help is at hand when you need it.

Students' Union

The University of Manchester Students' Union is the biggest (and, as many members say, the best!) students' union 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. What will you find?



www.manchesterstudentsunion.com

Activities for all

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

- **450+ student societies** – everything from politics to performance, campaigning to gaming, flight simulation to scuba diving
- **Job opportunities** – 275 student staff currently work at the Students' Union
- **Social enterprise support** – the Students' Union supports any student-led project that tackles barriers to university access and participation

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 more than 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
- **Student volunteering** – via Student Action and more; see p38.

Manchester RAG raised **almost £200,000** for local, national and international causes in 2014/15.



Esther Olarewaju

BAEcon Accounting and Finance
Nigerian Students Society

Find a home away from home

Coming to the University, you'll meet lots of different people, but joining a society helps you to meet people who are just like you.

When you've been working hard, you know that there's somewhere you can go to relax. We organise nights out, and meet up to listen to music and eat food from back home. We also help each other to find the best places to buy the things we'd have in Nigeria.

There are a lot of activities: debates, quizzes, games, fashion shows. We have a sports tournament coming

up and we're going to be organising a ball. We've also arranged a careers event, where we'll be getting employers to come in to talk to students about the opportunities for internships and jobs.

Societies give you that opportunity to feel a little more at home. You become more involved in University life, learning new things – it's not all about your degree!

Get involved, gain new skills

I organise all the events that the Malaysian Students' Society of Manchester puts on – ranging from cultural events like Chinese New Year, to corporate events, such as career talks from Malaysian companies.

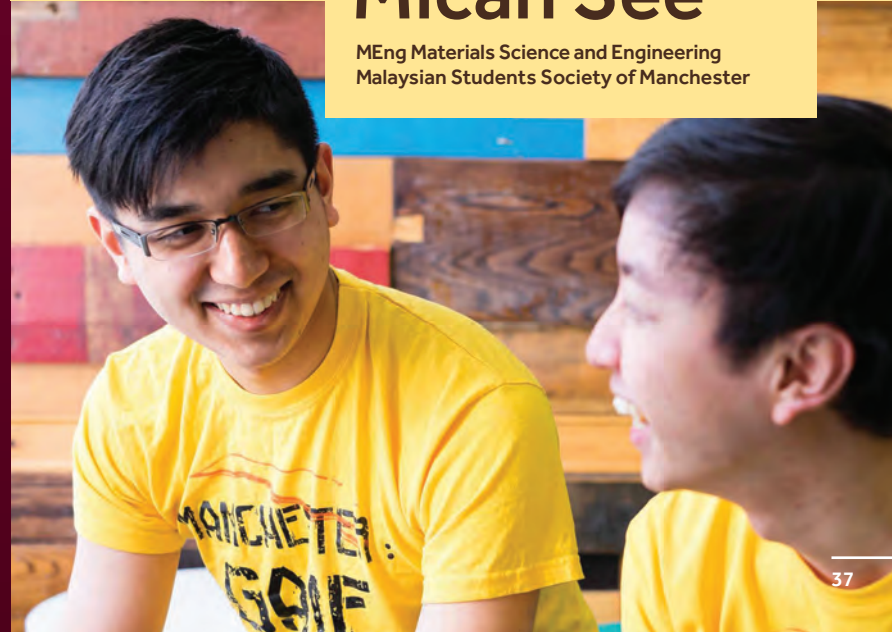
We also organise two really big events every year: MNight and MGames. MNight is our cultural event with plays and dances. The MGames is a sporting event with different tournaments open to Malaysian students at Manchester and other universities across the UK. It's huge: about 500 to 800 people take part.

I've gained skills in time management, networking, events management and marketing. For one event we put on, I had to work with about 20 vendors dealing with freshly cooked Malaysian food!

It's been a good learning experience for me and I think it's been a really valuable use of my time – I've got so much I can talk about on my CV.

Micah See

MEng Materials Science and Engineering
Malaysian Students Society of Manchester



Volunteering

At Manchester we take our social responsibilities seriously, and try to contribute positively to society in everything that we do. You'll have plenty of opportunities to make a difference to the world, while gaining a sense of meaningful achievement, greater awareness of different communities, and practical experiences to boost your CV.

How you can make a difference

Make our **University Volunteering Team** your first port of call, where you can get information, advice and support on volunteering opportunities locally, nationally and overseas. The team will help you find those opportunities where international students can easily get involved. Helping the local community is also a great way to explore Manchester and get to know the city.

Other University initiatives to help you make a difference include:

- **Manchester Leadership Programme (MLP)** – combine volunteering work with an academic unit exploring challenges for leaders in the 21st century, all as part of your degree;

- **Student Action** – volunteer in our local community with this student society; you could work with children, the homeless, the elderly, the environment, people with learning disabilities and more;
- **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. 29% of volunteers on the scheme are international students;
- **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.

Recognising your efforts

- **Manchester Leadership Award** – successfully complete our Leadership in Action course unit and accredited volunteering to gain our prestigious award.
- **Student Volunteer of the Year Awards** – your altruism, leadership skills and sustained commitment to community work could be recognised in our annual University awards.
- **Making a Difference Awards** – your contribution to society could be recognised at our yearly awards evening for social responsibility.
- **#VoluntHeroes** – we celebrate the efforts of all student volunteers in our annual Student Volunteering Week.

We're proud that students volunteering via our MLP, Sports Volunteer Scheme and Students' Union gave 48,235 hours of their time to the community in 2013/14 – equivalent to contributing more than £242,000 to the local economy.





Jiaqi Wei

BSc International Business,
Finance and Economics

Give something back – and gain a lot more

Jiaqi's love for volunteering began when she took part in our Manchester Leadership Programme. Her experiences here included working on organic farms with the Kindling Trust. She's now finished the programme but has continued to volunteer, working at Manchester Cathedral outside of her studies.

On her volunteering experience...

The Kindling Trust is an organisation that arranges volunteering trips to organic farms. I've done a bit of a work with an organic farm, doing things like seeding, weeding and – during the season – harvesting. My first experience was harvesting pumpkins for Halloween!

On the satisfaction gained from volunteering...

At first I was volunteering as it was part of the Manchester Leadership Programme, but the more I did, the more I really understood the different types of volunteering. I picked up so many new skills and, in the end, I fell in love with doing it. Even now that I've finished the programme, I'm still volunteering.

My favourite moment was while travelling to different farms with the Kindling Trust. The first time I went to one farm, I helped plant garlic seeds. When I returned, about eight months later, I could see those garlic plants growing – it was so amazing! You really feel like your work has been worthwhile.

On the skills she gained...

It's not all about the feeling that you're helping – you also get to meet lots of different people and learn from them. For example, I learnt a lot about organic farming by talking to the farm owners.

I'm a student from China – these days, if you live in the city centre there, you don't get much opportunity to work in the countryside and understand nature. So the experience I've had has really enriched my education. It's also helped me to improve my language skills through talking to more people away from the classroom, as well as my understanding of different cultures in the UK.

On the opportunities for international students...

I really encourage international students to take the opportunity to volunteer. You can choose an area that interests you. The most important thing is to get involved, get active, and try to make the most of it – you won't regret it!

Get 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.



www.manchester.ac.uk/sport

For those who like to compete

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
- **427 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.

For those who are more 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** – a variety of free weekly sessions and several large-scale events throughout the year, available to anyone at the University
- **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.

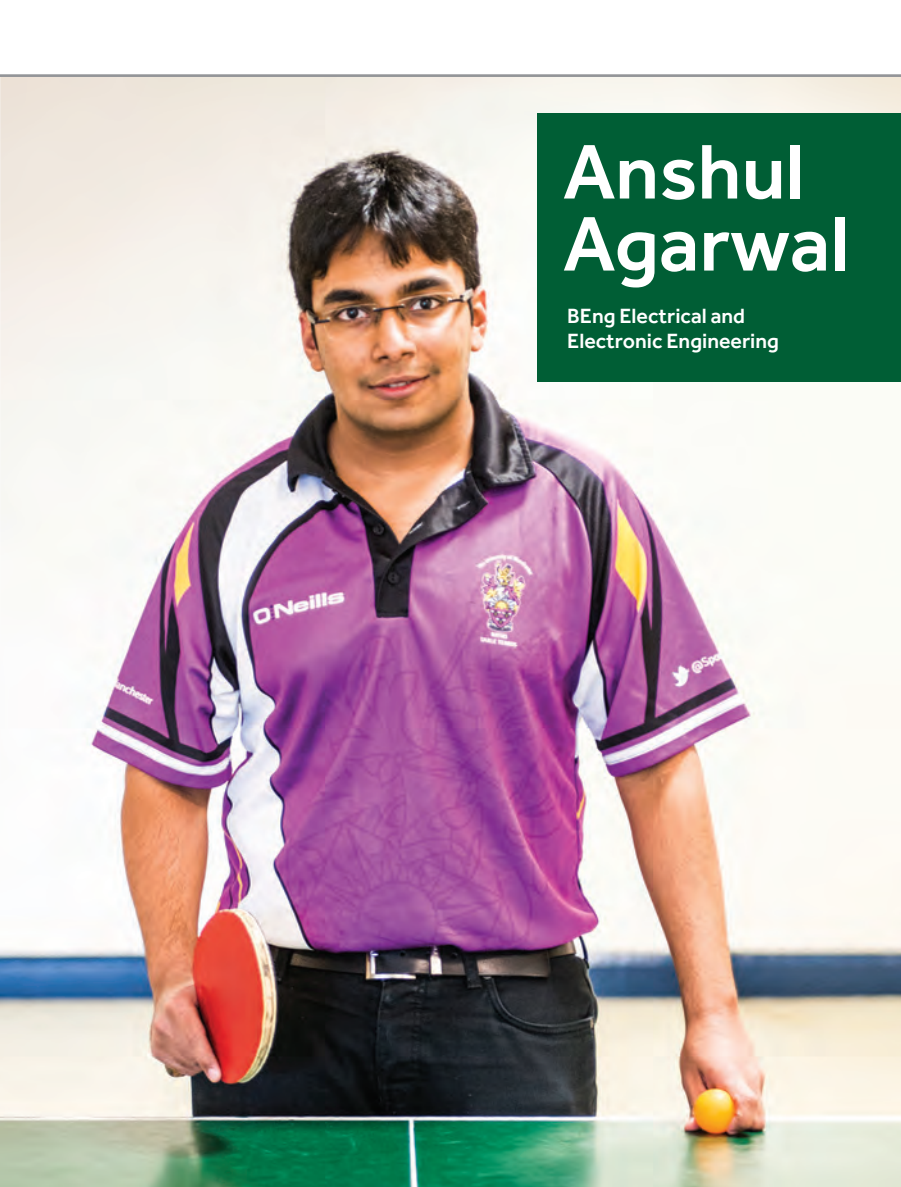
For those who are non-competitive

Get active, have fun and add something different to 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
- **Be a Sports Volunteer** – see p38

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





Anshul Agarwal

BEng Electrical and
Electronic Engineering

Pick up a sport, whatever your level

Anshul is the Treasurer for the University's Table Tennis Club. He's also an active member of the team, having played more than 90% of the matches. He came to study here from India and has been playing table tennis for more than five years now. Anshul cherishes representing the University in his favourite sport.

On the benefits of taking part...

I feel that being part of a team adds another dimension to my personality. It's a great opportunity to make new friends and to grow together as team. It's also a chance to work on fitness and a welcome rest from study!

On our facilities...

The Table Tennis Club has ten tables spread over a large hall adequate for more than 40 players at a time. We have squad training once a week with our coach and we practise another two days with different levels of players and a wide variety of techniques. Next year we'll acquire four new world-class tables along with a ball machine – this will take table tennis at the University to the next level.

On gaining new skills...

Teamwork, leadership and time management are a few of the many skills that I've been able to acquire and enhance by being a part of the team. Wearing the team kit on match days during lectures makes me stand out in

class – it's another aspect of university life to flaunt apart from a great academic record. I can proudly say that this experience has definitely enhanced my life at Manchester and my memories would be incomplete without it. #PurpleAndProud

On the social side of sport...

The table tennis team proudly showcases diversity and players from all over the world. We have brilliant team chemistry and never waste an opportunity to go out for a meal or plan a night out. There have been so many instances where we would chat and laugh for hours without even realising how long we have been at it. And there is nothing like a victory party after a successful BUCS match.

On opportunities for international students...

Being a part of a sports team gives a new aspect to university life. I believe no international student should miss out on this kind of experience.

The city

Meet Britain's most popular student city.





Culture

Visit the University's Manchester Museum, the Whitworth, The John Rylands Library and Martin Harris Centre for Music and Drama – plus there's MOSI, Imperial War Museum North, The Lowry, Manchester Art Gallery and much more to discover.



Music

Manchester's musical history is the envy of most cities – names such as Oasis, The Smiths and New Order are known across the world. Today's scene is as vibrant as ever, welcoming some of the world's most famous bands, DJs and club nights, alongside plenty of up-and-coming talent.



Fashion

Browse brilliant British designers, established world brands and independent one-offs on Manchester's streets – and in the Trafford Centre, the UK's second largest shopping centre.



The Bridgewater Hall

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



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.



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, in 1888. Learn more in the city's National Football Museum.



Northern Quarter

A corner of the city that celebrates independence, home to unique shops, cafes, bars and a variety of creative and quirky enterprises.





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.



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.



Revolution

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.



Events calendar

Perhaps the best way to appreciate Manchester's enduring energy and cosmopolitan creativity is through 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

SEPTEMBER

Pangaea

Join fellow students at the academic year's first all-night party event.

www.pangaeafestival.co.uk

SEPTEMBER

Mcr Student Takeover

Enjoy shopping discounts, music and fashion at this annual student retail event.

www.takeovermcr.com

SEPTEMBER

Manchester Literature Festival

Experience contemporary prose and poetry brought to life.

www.manchesterliteraturefestival.co.uk

OCTOBER

Manchester Science Festival

Celebrate our scientific past, present and future.

www.manchestersciencefestival.com

NOVEMBER

Greater Manchester Comedy Festival

Live stand-up performances and more.

www.greatermanchesterfringe.co.uk

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



FEBRUARY

Future Everything

Explore the cutting edge of digital culture, art, music and performance.

www.futureeverything.org

FEBRUARY

Chinese New Year

Discover dragons, dim sum and more in Europe's third largest Chinatown.

 @cny_mcr

JANUARY

Manchester Beer and Cider Festival

Sample a very British beverage in the National Cycling Centre.

www.manchesterbeerfestival.org.uk

MARCH

Manchester Irish Festival

With music, sport and comedy, St Patrick has more than a day in Manchester.

www.manchesteririshfestival.co.uk

APRIL

iViva! Spanish and Latin American Film Festival

Enjoy the very best of Hispanic cinema.

homemcr.org

MAY

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.manchesterday.co.uk

JULY

Manchester Mega Mela

Join in northern England's largest celebration of South Asian culture.

www.manchestermela.co.uk



APRIL

Manchester Duck Race

Buy your own rubber duck and compete in this annual race down the River Irwell. Yes, really.

 @mcduckrace

JUNE

Parklife Weekender

Catch the tram to Heaton Park to see the world's hottest bands and DJs.

www.parklife.uk.com

JULY

24:7 Theatre Festival

Enjoy emerging theatrical talent playing out across the city.

www.247theatrefestival.co.uk

AUGUST

Manchester Jazz Festival

Hear global favourites and new talent improvise with the beat.

www.manchesterjazz.com

AUGUST

Manchester Pride

Celebrate one of Europe's biggest and most flamboyant LGBT festivals.

www.manchesterpride.com

MAY

Dot to Dot

Discover the nation's freshest new music talent.

www.dottodotfestival.co.uk



JULY

Manchester International Festival

Witness culture, creativity and world premieres at this biennial event.

www.mif.co.uk

AUGUST

HOLI ONE Colour Festival

The air at Manchester's Heaton Park bursts with colour at this celebration of togetherness, inspired by the Hindu Holi festival.

www.holione.com

AUGUST

Caribbean Carnival

An annual two-day carnival of soca, calypso and much more.

 /CaribbeanCarnivalOfManchester

English language requirements and support

English language requirements

Evidence of English language proficiency is required in order to meet the requirements of the Tier 4 (student) visa and The University of Manchester's entry criteria. Please note that in most cases the University's requirements in terms of English language are higher than those required by UK Visas and Immigration (UKVI) for visa purposes.



Most international students will be required to demonstrate English proficiency through an approved testing system. The University accepts IELTS Academic as evidence of English language proficiency for admission on to its courses at degree level or above, including integrated courses where a foundation year or a pre-sessional English language course are part of the degree. In addition we'll consider some other English language qualifications in place of IELTS. For further information on whether you have a qualification that is acceptable, please contact the academic School or Faculty to which you intend to apply.

 www.manchester.ac.uk/language-requirements

It has been determined by UKVI that only the IELTS test taken in UKVI-approved test centres (often referred to as IELTS Secure English Language Test or IELTS SELT) is acceptable as evidence of English language proficiency for visa purposes



for pre-degree level courses. Therefore, only UKVI-IELTS Academic is acceptable for admission to our foundation courses, pre-sessional English language courses and English for University Study courses.

English language requirements vary by course but are usually the equivalent of:

- IELTS 5.5–6.5 for foundation programmes
- IELTS 6.0–7.0 for bachelor's programmes
- IELTS 6.5–7.5 for master's and PhD programmes

Please note that IELTS scores only remain valid for two years. If you're applying with a certificate gained more than two years before the date on which you plan to start your course, you'll need to retake the test.

To find a suitable testing centre in your home country for IELTS, contact the local British Council office or visit:

 www.ielts.org

University Language Centre

The University Language Centre (ULC) has more than 30 years' experience of running English language courses for international students. These courses are accredited by the British Council. The ULC is an IELTS testing centre and its pre-sessionals courses are accredited by BALEAP (the British Association of Lecturers in English for Academic Purposes).



Pre-sessionals English

Our pre-sessionals English courses are designed to help you develop the academic skills you need to progress to a university programme. If you've applied for a course at The University of Manchester but have not yet fully met the English language requirement for your academic course, you may be eligible to study a 3–20 week pre-sessionals course in order to meet those requirements. The length of course you'll be required to take will be determined by the academic School to which you have applied, with advice from the ULC.

English language support

As a registered student of the University, you'll be able to attend support classes in academic English free of charge. This includes classes in academic writing, academic speaking and listening, pronunciation and grammar. You'll also be able to make use of the one-to-one writing tutorial service and receive personalised feedback on your written academic English.

Other languages

Students also have the opportunity to learn a variety of other languages, which are offered free of charge on a credit-rated basis (10 or 20 UK / 5 or 10 EU credits), or you may pay to take classes without receiving credit.

Find out more

-  www.manchester.ac.uk/englishlanguagecourses
-  www.ulc.manchester.ac.uk



Yichen Wang

BSc Management and Marketing

Boost your language skills

I came to Manchester from China early so I could take a ten-week pre-sessionals English language course. Before starting I was really afraid of my poor English, but, when I finished, I realised that the most important thing is practice.

We have learned a lot of the principles which can be used in academic writing – how to use references, avoid informal language and build the whole structure of an essay.

I've treated it like a 'warm-up' – it's helped me to get used to a new life in a strange country. I've also made lots of friends from different countries, like Brazil and Iraq.

Our tutor also introduced us to the learning facilities at the University, such as the Main Library and the Learning Commons.

Taking a pre-sessionals course will be a really unforgettable time in your life. Just go for it – you'll improve your English skills before your main course begins. It's really useful and well worth the time.

Finance

Tuition fees

University tuition fees vary according to the level of study (ie undergraduate or postgraduate) and type of subject being studied. They cover the cost of study at Manchester, as well as charges for registration, tuition, supervision, research consumables and equipment usage, examinations and graduation. Paying tuition fees also entitles you to full membership of our Library, the Students' Union and the Athletics Union.

To give you certainty in your financial planning, all new international students are charged the same rate of tuition fee for all years of study. The only exception to this is Medical and Dentistry undergraduate programmes (where non-clinical and clinical fees apply) or for progression from our foundation year to a degree course.

Standard annual tuition fees for new undergraduate international students for 2016/17 entry

Arts-based courses	£15,500
Science-based courses	£20,000
Clinical-based courses	£35,000

Non-standard fees apply to many courses. For the specific tuition fees of individual courses, please visit:

 www.manchester.ac.uk/study/undergraduate



Estimated living costs 2016/17

Costs	Undergraduate year (40 weeks)	Weekly cost (based on 40 weeks)
Accommodation (self-catered)	£4,995	£124.98
Meals (excluding meals out)	£1,525	£38
Course costs excluding tuition fees (varies greatly according to degree programme, eg books and equipment)	£420	
Clothes	£400	
Local transport (does not include travel home)	£300	£7.50 for a weekly bus pass
Other (eg mobile phone bill, socialising, laundry, photocopying and printing)	£1,600	£40
Total	£9,240	

NB: This table presents approximate costs based on the 2015/16 academic year. Actual costs will depend on each individual's lifestyle and may rise in line with inflation.

Cost of living

For international students looking for an affordable cost of living when they come to university, Manchester is a great option. Compared with other cities, particularly those in the south of the UK, Manchester is an affordable place to live and very popular with students on a budget. You can benefit from student discounts on a wide range of goods and services, including transport, fashion and entertainment.

While accommodation is likely to be your main expense, opting for a room in a University hall of residence will simplify your costs, as our hall fees include contents insurance and all utility bills (usually gas and electricity), and all halls have free Internet.

Funding

If you're looking for scholarships or other financial assistance towards covering fees and living costs, you should start thinking about how to fund your studies as early as possible, as many funding agencies and scholarships have strict deadlines.

Local British Council offices may be able to supply you with information in relation to funding opportunities. For further information visit:

 www.educationuk.org

Please note that it is a condition of most funding agencies that you hold at least a provisional offer of a place to study at a university before applying for a scholarship. Adequate funding for the full cost of the first year of studies must be in place in order for you to successfully complete the visa application process.

Some academic Schools at The University of Manchester offer partial fee scholarships for their subject area. Consult the relevant School website for further details or visit:

 www.manchester.ac.uk/subjectawards2016



Working while studying

Undergraduate-level international students on a Tier 4 visa are currently permitted by law to work a maximum of 20 hours each week during term time, with no limit during vacations.

There's a broad range of part-time job opportunities for students, both on the University campus and in the wider Manchester community. Our Careers Service can assist you in making the most of these opportunities, with initiatives such as the Part-Time Jobs Fair and International Talent, a scheme for students with language skills or international work experience. All opportunities advertised by our Careers Service meet the National Minimum Wage.

 www.gov.uk/national-minimum-wage

We advise you not to rely on part-time work to fund your studies. Please remember that you should already have enough money to pay for your tuition fees and living expenses for the duration of your studies, without the need to take on part-time work.

Further information on working part-time is available at:

 www.manchester.ac.uk/careers

How to apply

Entry requirements

General entry requirements, outlined as A-level and International Baccalaureate requirements, are included in the course listings in this prospectus (see p54). However, these are provided as a guide only: you should always refer to our website for more detailed and up-to-date information:

 www.manchester.ac.uk/undergraduate/courses

International qualifications

We recognise many different qualifications from around the world. For details of academic requirements for individual countries, visit:

 www.manchester.ac.uk/international/country

If your country is not listed, or if you would like to check a qualification level, please email us at:

 international@manchester.ac.uk

Please include as much detail as possible about the subjects you've studied and the examination grades you achieved.

Additional requirements

In addition to satisfying the general academic criteria, you'll also need to demonstrate your English language proficiency. The English language level required is detailed under each subject section in this prospectus. For information on English language support and English language requirements, see p48.

Please note that for certain courses there are additional requirements such as proof of competency in mathematics, health checks or specialist examinations such as aptitude tests. We advise you to check our website, or check with the academic School that offers the course.

Applying to Manchester

All applications must be made through the Universities and Colleges Admissions Service (UCAS):

 www.ucas.ac.uk

This applies to all students, home and overseas, applying to British universities.

UCAS charges an application fee. If you are applying to UCAS for entry in 2016, the application fee is £12 for a single choice, and £23 for multiple choices and for late applications sent after 30 June 2016.

The UCAS code for The University of Manchester is M20 MANU. The course code is listed next to the course name in the index starting on p116.





When to apply

You can submit your application to UCAS from 1 September for entry in September the following year (for example, if you are applying to begin your studies in September 2016, you can submit your application from 1 September 2015). We advise early application as some courses become full; there is a UK/EU deadline on 15 January, so it can be beneficial to apply by this date.

The final application deadline for international students is 30 June 2016. However, if you want to apply for Medicine or Dentistry, the closing date for the 2016 intake is 15 October 2015.

If you miss the deadline for applications, don't worry, as applications for many courses can be made through either UCAS Extra or clearing – although it isn't possible to apply for Medicine or Dentistry courses after the 15 October deadline.

After applying

UCAS sends the applications to us and we pass them to the admissions officer responsible for selecting students for each course. Every application is considered very carefully and you'll be notified by UCAS whether or not your application has been successful. You can also track your application and make your decisions online via the UCAS Track facility on the UCAS website.

Offers

If your application is successful, we'll make you an offer. In some circumstances, you may be invited to an interview first. The offer may be conditional (C) on future examination results, or unconditional (U) if the entry requirements have already been met. After receiving the offer, you should formally accept your place via UCAS. You do not need to know your examination results to accept your offer.

Applying for accommodation

If you've received an offer from us, we'll also send you information on how to apply for University accommodation. You should apply for accommodation as soon as possible after accepting your offer.

Educational advisers

In some countries we have educational advisers who are officially recognised by the University. They can assist in the preparation and submission of applications.

To find out if we have an adviser in your country, visit the relevant country page on our website:

 www.manchester.ac.uk/international/country

Visits to countries

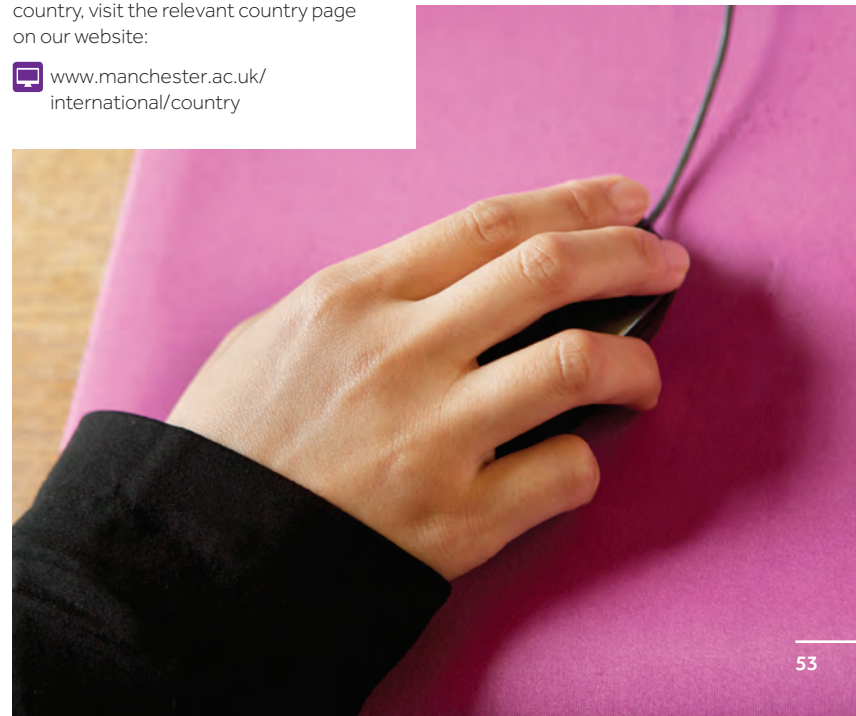
University staff undertake regular visits overseas and are available for admissions advice and guidance. For more information, visit our website:

 www.manchester.ac.uk/international/country

Find out more

 www.manchester.ac.uk/study/international/admissions

 www.ucas.com



Our Courses

The following pages list all our undergraduate degree courses, arranged under broad subject areas.

Types of undergraduate course at Manchester

Undergraduate courses normally take three years to complete, but can take four or five years if they include a year abroad or an industrial placement.

Almost all Manchester courses are modular, to enable you to choose a route that best matches your interests. After the first year, you can specialise as you progress through your studies.

Types of degrees include:

- Bachelor of Science (BSc) – a science degree;
- Bachelor of Arts (BA) – an arts degree;
- Bachelor of Engineering (BEng) – an engineering degree (accredited by the Engineering Council);
- Undergraduate master's degree (eg MEng, MPharm) – an enhanced four-year undergraduate degree that includes additional subjects studied at a more advanced level.

We have various joint courses available; not all combinations are listed here. See the A-Z course index at the back of this prospectus for all listings and UCAS codes.

Entry requirements

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. Please note that this is not an exhaustive list, and does not include all subject-specific 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 at our University. See p48 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.



www.manchester.ac.uk/study





Accounting and Finance

Typical offer

A-level AAA–AAB

IB 37–35 (666–665 at higher level)

IELTS score 6.5 overall with no lower than 6.0 in any component

Run by Alliance Manchester Business School (Alliance MBS):

Accounting BSc 3yrs

UCAS code N400

Run by our School of Social Sciences with input from Alliance MBS:

Accounting and Finance BAEcon 3yrs

UCAS code NN43

Economics and Finance BAEcon 3yrs

UCAS code LN13

Finance BAEcon 3yrs

UCAS code N300

Many of these courses can be studied for an additional year with:

 study abroad

 industrial experience

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Business Studies and Management, Economic and Social Studies, Economics

Why Manchester

- 97% of our BSc Accounting students are satisfied with their course (National Student Survey 2014)
- Strong links with the three main accounting bodies – ICAEW, CIMA and ACCA
- Work on real-world projects: our BSc Accounting students recently completed project work for the UK 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 oriented course (BSc), or study within a wider social sciences framework (BAEcon).

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. 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 accountancy status.

Alternatively, our three-year BAEcon 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 the broader economic, political and social context.

What you study

Accounting BSc 3yrs

UCAS code N400

Run by Alliance MBS

This innovative course provides a fast track to a career in accountancy, integrating study of the theory and practice of accounting with the opportunity to gain relevant work experience and receive exemptions from professional accountancy exams (up to eight ICAEW ACA, seven ACCA and eight CIMA exams). As part of the ICAEW's Undergraduate Partnership Programme, you can undertake a paid internship in

Year 3 with firms such as KPMG, Ernst & Young, Mazars, Grant Thornton and Goldman Sachs.

The BSc Accounting course is a professionally orientated course. You may also study accounting and/or finance as part of the BAEcon if you wish to study within a wider social sciences framework. These courses are run jointly by the School of Social Sciences and Alliance MBS.

Accounting and Finance BAEcon 3yrs

UCAS code NN43

Economics and Finance BAEcon 3yrs

UCAS code LN13

Finance BAEcon 3yrs

UCAS code N300

See Economic and Social Studies for details of the above BAEcon courses specialising in accounting and finance.

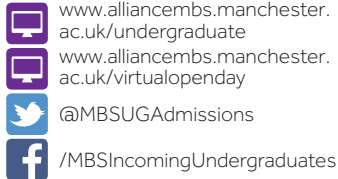
Skills and job opportunities

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 advisors.

Recent BAEcon 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.

Find out more

Alliance MBS



www.alliancembs.manchester.ac.uk/undergraduate
www.alliancembs.manchester.ac.uk/virtualopenday
@MBSUGAdmissions
/MBSIncomingUndergraduates

School of Social Sciences



www.manchester.ac.uk/socialsciences
@ManUniEconomics

Contact details

Alliance MBS



ug-mbs@manchester.ac.uk
+44 (0)161 306 3425/3095

School of Social Sciences



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

Aerospace Engineering

Typical offer

A-level AAA–AAB
IB 37–35

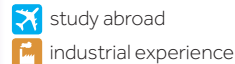
IELTS score At least 6.0 overall with no less than 5.5 in any component

Aerospace Engineering BEng 3yrs
UCAS code H400

Aerospace Engineering MEng 4yrs
UCAS code H402

Aerospace Engineering with Management MEng 4yrs
UCAS code H4ND

Many of these courses can be studied for an additional year with:



For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Civil Engineering, Electrical, Electronic and Mechatronic Engineering, Engineering and Science with an Integrated Foundation Year, Mathematics, Mechanical Engineering, Petroleum Engineering, Physics and Astronomy

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 both undergraduate teaching and ground-breaking research
- Excellent resources for information, computation and experimentation

Our School of Mechanical, Aerospace and Civil Engineering offers 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'll benefit from our extensive experience in teaching and a broad range of research expertise that feeds into your course.

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-sized enterprises.

World-class facilities include our flight simulators and a flight simulation suite, 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: Participate in a major design project and individual projects. Develop the key knowledge and understanding necessary to enter industry or postgraduate study.

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

You'll work in a challenging and active environment, learning via lectures, tutorials, example classes, laboratory work and studio design work.

You'll 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.

Skills and job opportunities

Our graduates enter the global aerospace and defence industries, or continue on to postgraduate study. The enormous range of career opportunities reflects the diverse and multidisciplinary nature of the aerospace sector.

Find out more



www.mace.manchester.ac.uk



@School_of_MACE



/UoMMACE

Contact details



ug-mace@manchester.ac.uk



+44 (0)161 306 9210

A

American Studies

Typical offer

A-level AAB–ABB

IB 35–34

IELTS score 7.0 overall

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

Many of these courses can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Drama, English Literature and Creative Writing, History of Art and Visual Studies, Linguistics and English Language

Why Manchester

- Ranked the number one American studies programme in the UK (*Sunday Times Guide 2015*)
- 97% overall student satisfaction (National Student Survey, 2014)
- The University of Manchester Library is one of only five National Research Libraries in the UK and the only one in the north of England

Manchester was home to the first department of American studies in the UK, and has been offering degrees in the subject for over 60 years. Our current degree retains our traditional strengths in areas such as American literature, politics and history, while also taking account of recent developments in the discipline by offering course units in American cultural studies and film.

We emphasise interdisciplinary and multidisciplinary approaches – you'll be able to select from options in history, literature, politics, cultural theory, popular culture and film. You may apply to take

an optional year or semester abroad at a US university; we run exchanges with a number of US institutions that match our own high academic standards.

What you study

Year 1: Gain a solid grounding in debates about the character, nature and purpose of America, mainly through lecture and tutor-led seminars, discovering key issues in US literature and history, as well as exploring recent social, political and cultural issues.

Year 2: Choose to apply to study abroad for one semester, for the whole year, or to stay in Manchester. If you stay in Manchester, you'll choose from a range of course units covering 20th century American history, literature, film and politics.

Year 3: Complete a long essay on a subject of your own choosing, under the supervision of an academic tutor. You'll also select five other course units from a range of specialised options.

You'll be assessed via a range of coursework essays and exams.

Skills and job opportunities

You'll develop excellent communication, problem-solving and analytical skills at Manchester. Our graduates pursue a variety of careers, with some undertaking further research. Recent graduates have gone into teaching, journalism, marketing, management training and publishing.

Find out more

[www.alc.manchester.ac.uk/
subjects/american-studies](http://www.alc.manchester.ac.uk/subjects/american-studies)

Contact details

ug-eac@manchester.ac.uk



+44 (0)161 275 3107

Arabic and Middle Eastern Studies

Typical offer

A-level ABB–BBB

IB 34–31

IELTS score 6.5 overall

Arabic Studies BA 4yrs

UCAS code T624

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

Many of these courses can be studied for an additional year with:



study abroad



a modern language

For a full list of course options and UCAS codes see the index at the back of this prospectus.

**You might also be
interested in...**

Classics and Ancient History,
History, Linguistics and English
Language, Modern Languages,
Religions and Theology

Why Manchester

- Fully qualified native speakers teach the Arabic language
- The John Rylands Library holds internationally renowned collections
- Lively and stimulating environment for study unites students from a wide variety of cultural and religious backgrounds

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. Interdisciplinary study provides you with a broad perspective on issues both current and past.

Our graduates have gone on to work in a wide variety of organisations. These include schools and universities, public-sector organisations such as GCHQ, news agencies such as Reuters, and international aid organisations such as the Red Cross.

Find out more

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



@MESUoM

Contact details

ug.languages@manchester.ac.uk



+44 (0)161 275 3211

Archaeology

Typical offer

A-level ABB–BBB
IB 34–31 (665 at higher level)
IELTS score 7.0 overall

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

Many of these courses can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Classics and Ancient History,
 History of Art and Visual Studies

Why Manchester

- Unique teaching resources at Manchester Museum, the Whitworth, The John Rylands Library and the Archaeology department collection
- Global fieldwork opportunities during four weeks of placement
- High rate of satisfaction (97%) among students in the most recent National Student Survey

Archaeology at Manchester is the study of past humanity, from the origins of modern humans, to the impact of industrialisation and globalisation. You'll explore material culture, architecture, and ancient texts and beliefs, using unique museum, library and art collections as well as onsite data from the Peak District National Park – all on our doorstep.

Our teaching is outstanding, fed by world-class research in contrasting areas of the globe: Britain and north-west Europe, the Mediterranean, Egypt and Africa, the Near East, Polynesia and Australia.

Recent awards include the National 2014 Archaeology Training Forum award for

best teaching and training programme in the field, and National Research Project of the Year in the *Current Archaeology* Awards 2014.

We lead the way in social and theoretical archaeology, and also offer exciting fieldwork opportunities both at home and abroad: you could be working anywhere from the local area to the eastern Mediterranean, Australia or Easter Island.

What you study

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

We have pioneered innovative assessments that relate to the skills contemporary employers want to see in graduates. Alongside exams and essays you might be producing portfolios, data reports, museum posters, radio programmes and wiki entries.

Year 1: Study A History of Archaeology; Introduction to Archaeology; Themes in Archaeology; and Introduction to European and World Archaeology. Undertake two weeks of fieldwork.

Year 2: Study Theory and Philosophy; Fieldwork, Practice and Interpretation; and Data Processing. Optional course units include Material Worlds; European Prehistory; Roman Archaeology; and African, Near Eastern and Pacific Archaeology. Undertake two further weeks of fieldwork.

Year 3: Study Theory in Practice and undertake a dissertation. Optional course

units include Dealing with the Dead; Empire and Industry; and Mediterranean, Minoan, Upper Palaeolithic and Mesolithic, and African Archaeology.

Joint Honours students take an equal portfolio of these course units with their other subject, benefiting from the full breadth of expertise and choice in both departments.

Skills and job opportunities

You'll develop skills in independent research, group work and leadership, data and visual analysis, high-level critical thinking, and ethical and professional practice, including risk assessments and health and safety issues.

Our recent graduates have become commercial archaeologists, heritage and environment officers, teachers, lawyers and barristers, editors, broadcasters, journalists and accountants, and some have joined the armed forces.

Find out more



www.manchester.ac.uk/archaeology



@UoMArchaeology

Contact details



ug-archae@manchester.ac.uk



+44 (0)161 306 1252

Architecture

Typical offer

A-level AAA

IB 37

IELTS score 6.5 overall, with 6.5 in writing and no other component below 6.0

Architecture BA 3yrs

UCAS code K100

This course can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Civil Engineering, Planning and Environmental Management

Why Manchester

- Consistently ranked among the best architecture schools in the UK, with an overall student satisfaction of 92% (National Student Survey 2014)
- Professionally recognised courses taught in new, purpose-built facilities
- Strong links with national and international architectural practices

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 get to use facilities and resources at both, including libraries, computer suites, model-making and media workshops.

Specialist practice and research-active lecturers provide a rich and stimulating environment. This is not only reflected in appraisals by the professional institutions, the Architects Registration Board and the Royal Institute for British Architects, but also by the number and variety of prizes we gain externally.

Architecture education in the UK consists of five years of full-time study divided between two degrees: a three-year BA (Hons) in Architecture (Part 1), followed by the two-year Master of Architecture (Part 2). Following Part 1, students normally undertake a year of practical training.

The city of Manchester is a showcase for recent regeneration and historic context, much of which has been designed with the involvement of our graduates. We bring together academic and professional practice in the city-region with strong international networks, providing excellent collaborative opportunities at a global level.

What you study

Year 1: Gain an understanding of architectural history and theory via taught lecture courses. A series of studio design projects and skills workshops develop your architectural creative process.

Year 2: Advance your understanding of architectural history and theory further in taught lecture courses. Begin to formulate individual interests in electives. You'll develop an increased awareness of architecture in a variety of contexts and improve your design processes and critical thinking skills.

Year 3: Begin to formulate your individual position on contemporary architecture and urbanism in taught lecture courses and electives. Various projects lead to one major project with design initiative. You'll need intuition to formulate and communicate architectural designs.

You are assessed via project reviews, assignments, essays and written examinations.

Skills and job opportunities

Our graduates are highly valued by the profession. Their confidence, creativity and abilities make them well suited

to a variety of employment contexts. Generally, graduates go on to work as architects for prominent architectural and design practices in leading roles within the wider construction industry (eg project management and estate management). Some move into other fields, such as advertising, banking, art history and web design. Excellent opportunities also exist for you to undertake research for further postgraduate degrees.

Find out more



www.manchester.ac.uk/architecture



www.msa.ac.uk



@TheMSArch

Contact details



ug-architecture-admissions@manchester.ac.uk



+44 (0)161 275 0969

B

Biological and Biomedical Sciences

Biological and Biomedical Sciences are courses offered by Life Sciences. Find out more about Life Sciences on p88.

B

Business Studies and Management

Typical offer

A-level AAB

IB 35 (665 at higher level)

IELTS score 6.5 overall, with no less than 6.0 in any component.

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

Business Studies BAEcon 3yrs

UCAS code N100

Business Studies and Economics BAEcon 3yrs

UCAS code NL11

Business Studies and Politics BAEcon 3yrs

UCAS code NL12

Business Studies and Sociology BAEcon 3yrs

UCAS code NL13

Run by Alliance MBS with input from our School of Social Sciences:

International Business, Finance and Economics BSc 3yrs

UCAS code N1N3

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 (Accounting) BSc 3yrs

UCAS code GN54

Information Technology Management for Business (Strategy and Economics) BSc 3yrs

UCAS code GN56

Information Technology Management for Business (Marketing) BSc 3yrs

UCAS code GN53

Management BSc 3yrs

UCAS code N201

Management (Accounting and Finance) BSc 3yrs

UCAS code NN24

Management (Human Resources) BSc 3yrs

UCAS code N600

Management (Innovation, Sustainability and Entrepreneurship) BSc 3yrs

UCAS code N200

Management (International Business Economics) BSc 3yrs

UCAS code N246

Management (International Studies) BSc 3yrs

UCAS code N120

Management (Marketing) BSc 3yrs

UCAS code N2N5

Management (Sustainable and Ethical Business) BSc 3yrs

Subject to approval

Many of these courses can be studied for an additional year with:



study abroad



industrial experience

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Accounting and Finance, Computer Science, Economic and Social Studies, Management, Leadership and Leisure

Why Manchester

- 31% of this year's entry-level positions are expected to be filled by graduates who have already worked for their organisations (High Fliers Report 2015). That's why all degrees at Alliance MBS offer you a work placement or international exchange.

At Alliance Manchester Business School (Alliance MBS), our courses offer an applied approach to understanding business and management and the context in which they operate. You'll focus on the study of key disciplines such as accounting and finance, economics, human resources, marketing, operations management, and quantitative methods.

You can choose from a wide range of three- and four-year degree courses, spend a year overseas or in industry, and specialise in particular aspects of business and management. We also offer a specialist course in accounting – a fast track for aspiring chartered accountants (see Accounting and Finance).

Our graduates are able to carry out independent enquiry in business, management and related subjects, and demonstrate a wide range of skills highly sought after by employers.

What you study

Our management students enjoy a flexible course structure and wide range of options. The units are all run by Alliance MBS and Year 1 is the same for each of them, making transfer between the different courses straightforward. For this reason, you should only apply for one of the options below.

Management BSc 3yrs

Our most flexible general management degree.

Management (Accounting and Finance) BSc 3yrs

Learn how organisations finance their activities and how they keep track of their money.

Management (Human Resources) BSc 3yrs

Focus on human resource management, employment policy and practice, industrial relations, organisational psychology and organisational analysis, both within the UK and internationally.

Management (Innovation, Sustainability and Entrepreneurship) BSc 3yrs

Explore strategic innovation management and sustainable development through real company case-study analysis, as well as entrepreneurship and small business development.

Management (International Business Economics) BSc 3yrs

Learn about the international dimension of organisations' operations, particularly the economic, financial and investment aspects.

Management (International Studies) BSc 3yrs

Study marketing, operations, finance and investment, or human resource management with an international focus.

Management (Marketing) BSc 3yrs

Focus on strategic marketing management, marketing research, product development, brand management, integrated marketing communications and/or retailing.

Management (Sustainable and Ethical Business) BSc 3yrs

Subject to approval.

Sustainable and Ethical Business is about new ways of thinking about modern business and society, and is

particularly attractive for those wishing to make careers in (corporate) social responsibility or NGOs and charities.

International Management (IM) BSc 4yrs

Run by Alliance MBS

International Management with American Business Studies (IMABS) BSc 4yrs

Run by Alliance MBS

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 (IM), or the US or Canada (IMABS). All classes are taught in English. We have 50 exchange partners across 18 countries. See: www.mbs.ac.uk/undergraduate/international-exchange

Information Technology Management for Business (ITMB) BSc

Run by Alliance MBS

Designed in collaboration with more than 60 major employers (including IBM, Deloitte, Fujitsu, Unilever and the BBC) and accredited by e-skills UK, ITMB courses produce graduates who understand both business and IT, and have excellent project and team-working skills. Employer involvement is integral, giving you early exposure to real business problems. Students focus equally on four major areas: business; technology; personal and interpersonal skills; and project management. Learning is primarily through team-based project work, supported by business mentors.

Students enjoy a flexible course structure and a wide range of options. The units in Year 1 are the same for each of the specialisms listed below, making transfer between the different courses straightforward. For this reason, you should only apply for one of them.

Information Technology Management for Business BSc 3yrs

Information Technology Management for Business (Accounting) BSc 3yrs

Information Technology Management for Business (Strategy and Economics) BSc 3yrs

Information Technology Management for Business (Marketing) BSc 3yrs

International Business, Finance and Economics (IBFE) BSc 3yrs

Run by Alliance MBS

This course is designed for those interested in contemporary economic events. You'll gain a sophisticated understanding of international business, an understanding of globalisation and its social and economic effects, as well as the numerical and literacy skills required in today's job market.

Business Studies BAEcon

Business Studies and Economics BAEcon

Business Studies and Politics BAEcon

Business Studies and Sociology BAEcon

Run by the School of Social Sciences, with input from Alliance MBS

Our BAEcon business studies courses incorporate similar knowledge to our

management courses, but focus more on understanding business from a social science perspective, drawing on discipline areas such as economics, politics and sociology. The BAEcon is a multidisciplinary course designed to give maximum flexibility and choice. You can specialise in business studies, or combine it with other social science disciplines, such as economics, politics, or sociology (see Economic and Social Studies, p72).

Our Business Studies streams within the BAEcon help students understand how businesses operate within the broader economic, political and social environment. These are modern, multidisciplinary courses focusing on relevant topics in economics, accounting, finance, politics, sociology, social anthropology and criminology, as well as core business studies topics such as human resource management, marketing and information technology. This combination of social science disciplines – unique to the BAEcon – provides you with the practical knowledge and skills relevant to a career in business, as well as an understanding of the role and operation of business organisations in relation to the broader economic, political and social environment.

Skills and job opportunities

Recent graduates have gone on to careers in management, consultancy, the civil service, finance, journalism, teaching and other corporate and public sector settings. Jobs secured include technical, business and wealth analyst, IT consultant, territory manager and ACA trainee. Others have pursued further study in business,

economics, enterprise, languages and branding at institutions across the globe.

Employers of our Business Studies and Management graduates include Credit Suisse, eBay, Accenture, IBM, ExxonMobil, HSBC (Beverly Hills), Bombardier (Sweden), Crown Worldwide (San Francisco), Google, Deloitte, Diageo, KPMG, Balfour Beatty, Tesco, Deutsche Bank, Microsoft, RBS, Zolfo Cooper, Grant Thornton and PwC.

Find out more

Alliance MBS



www.alliancembs.manchester.ac.uk/undergraduate



www.alliancembs.manchester.ac.uk/virtualopenday



@MBSUGAdmissions



/MBSIncomingUndergraduates

School of Social Sciences



www.manchester.ac.uk/socialsciences



@ManUniEconomics

Contact details

Alliance MBS



ug-mbs@manchester.ac.uk



+44 (0)161 306 3425/3095

School of Social Sciences



socialsciences@manchester.ac.uk



+44 (0)161 275 1473/4748

Chemical Engineering

Typical offer

A-level A*AA-AAA

IB 39–37

IELTS score A minimum of 6.0 overall with no less than 5.5 in each component

Chemical Engineering BEng 3yrs

UCAS code H800

Chemical Engineering MEng 4yrs

UCAS code H801

Chemical Engineering with Industrial Experience MEng 4yrs

UCAS Code H803

Chemical Engineering with Energy and Environment MEng 4yrs

UCAS code H8F4

Many of these courses can be studied for an additional year with:



study abroad



industrial experience



a modern language

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Chemistry, Civil Engineering, Petroleum Engineering, Engineering and Science with an Integrated Foundation Year, Materials Science

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, whose knowledge spans a spectrum of specialist areas.

A range of undergraduate degree options is available. You can choose a chemical engineering core with a wide range of complimentary 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); on completion of your degree you'll be part of a network of

professionals consisting of more than 35,000 members in 120 countries.

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 chance to study a specialist subject in greater depth. Specialist themes include advanced chemical engineering science, business management, energy and environment, or a language, including 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 transferrable and highly desirable to 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: food and drink,

pharmaceuticals, energy, oil and gas, water, and the environment, to name but a few. Jobs in these sectors include product design, research and development, and construction and installation of industrial plant. Many of our graduates also find employment in areas such as management, finance, banking and information technology.

Find out more



www.manchester.ac.uk/ceas



@ChemEngManUni

Contact details



ug-ceas@manchester.ac.uk



+44 (0)161 306 5984

Chemistry

Typical offer

A-level AAA–AAB

IB 36–35 (666–665 at higher level)

IELTS score 6.0 overall with no less than 5.5 in each component

Chemistry BSc 3yrs

UCAS code F100

Chemistry MChem 4yrs

UCAS code F109

Chemistry with Medicinal Chemistry BSc 3yrs

UCAS code F150

Chemistry with Medicinal Chemistry MChem 4yrs

UCAS code F152

Many of these courses can be studied for an additional year with:



study abroad



industrial experience



a modern language

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Chemical Engineering, Computer Science, Life Sciences, Materials Science, Mathematics, Petroleum Engineering

Why Manchester

- Rated in the top five in research power (REF 2014)
- A proud history since 1824, with seven Chemistry Nobel Prize winners
- All our courses are accredited by the Royal Society of Chemistry, fulfilling the academic requirements for qualified membership at BSc level and the award of Chartered Chemist status at MChem level with First or Second Class Honours

Chemistry is a broad and exciting science that underpins one of the largest industrial sectors in the UK. Our School of Chemistry is continuing its long and illustrious contribution to the subject, and we're currently one of the largest and best in the UK, with extensive links to industry.

Study chemistry at Manchester and you'll meet, work with and be taught by internationally acclaimed chemists, in a facilities-rich building recently boosted by a £50 million refurbishment programme. Our size allows us to offer a range of degree courses, demonstrating our strengths in both teaching and research, for which we have received top ratings.

Our strengths include comprehensive academic coverage, excellence in all the core sub-disciplines of chemistry and a range of collaborations with life sciences, medicine and other physical and applied sciences. In addition to our MChem courses, we offer BSc courses in Chemistry and in Medicinal Chemistry. These include a wide range of undergraduate research projects: from enzymatic reactions to single molecule magnets; from plasma clean-up of diesel exhaust to fabrication of nanoparticles; from analysing the complex chemistry of living systems to synthesising natural products.

What you study

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

Year 2: Develop your core knowledge and discover new topics, including the opportunity to take an optional course unit from outside chemistry.

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

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

You'll learn via a mixture of lectures, labs, tutorials, workshops, projects and e-learning. In the first two years, laboratory work is from 7 to 12 hours per week.

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

Skills and job opportunities

International career prospects are excellent as the British chemical industry – the UK's number one export earner and largest manufacturing sector – continues to grow, with a turnover exceeding £50 billion and employing around 200,000 people. 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 on to a further degree, and the remaining 25% opt for diverse careers in areas such as finance, management, computing and IT. Jobs of our recent graduates include nuclear chemist, waste management consultant, product development chemist, account executive and a Leaders for Business graduate.

Find out more



www.manchester.ac.uk/chemistry

Contact details



ug.chemistry@manchester.ac.uk



+44 (0)161 306 9271

Chinese Studies

Chinese Studies is part of Modern Languages – find out more about Modern Languages courses on p96.

Civil Engineering

Typical offer

A-level AAA–AAB

IB 37–35

IELTS score 6.0 overall with no less than 5.5 in any component

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

Many of these courses can be studied for an additional year with:



study abroad



industrial experience

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Architecture, Electrical, Electronic and Mechatronic Engineering, Engineering and Science with an Integrated Foundation Year, Mathematics, Mechanical Engineering, Planning and Environmental Management

Why Manchester

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

Plenty of staff contact and high-quality resources ensure you'll 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 cooperative staff.

You will also discover excellent resources for information, computation and experimentation at Manchester – all crucial for your degree.

What you study

A course in civil engineering is vocational and provides the academic base for a professional career in the planning, design, construction and management of major projects.

You'll learn to use scientific disciplines such as mathematics, physics, chemistry, geology, metallurgy and applied mechanics, and to communicate by calculations, quantities, specifications, drawings, letters, reports, and technical and commercial presentations.

You'll 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'll graduate with the ability to adapt to new challenges and offer a broad insight into engineering solutions.

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.

As a graduate of our 'with Industrial Experience' or 'Enterprise' courses, you'll 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.

Find out more



www.mace.manchester.ac.uk



@School_of_MACE



/UoMMACE

Contact details



ug-mace@manchester.ac.uk



+44 (0)161 306 9210

Classics and Ancient History

Typical offer

A-level ABB–BBB

IB 34–31

IELTS score 7.0 overall

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 Linguistics BA 3yrs

UCAS code QQ61

Many of these courses can be studied for an additional year with:



study abroad



a modern language

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

History, History of Art and Visual Studies, Modern Languages

Why Manchester

- Large, vibrant and friendly department teaching the full range of classical subjects to the highest level
- Consistently high ratings for student satisfaction of between 94% and 100% in recent National Student Surveys
- One of the best libraries in the world for our subject, plus Manchester Museum on campus and our excellent John Rylands Library Special Collections

Manchester is an exciting place to study classics and ancient history, giving you access to outstanding library resources and a university museum. You'll be sure to find your studies both inspiring and life-changing – and you don't need to have studied the subject before. We combine a long tradition of excellence in teaching and research with exciting new courses.

You'll find expertise in all the main aspects of Greek and Roman history, culture, language, art and literature, as well as course units that specialise in particular topics.

What you study

Internationally recognised experts in their fields can help you explore every aspect of some of the greatest civilisations in history.

You can choose a degree in Ancient History, Classical Studies (our most flexible Single Honours degree), or Classics (ancient Greek and/or Latin, together with courses in literature and culture), focusing on particular areas of study while also taking course units in a wide range of extra options.

You'll also have opportunities to undertake research on topics of your choosing, supported and supervised individually by our academic staff.

In most degree courses, we encourage you to study an ancient language. It doesn't matter whether you've studied the language before; we cater for every level, from beginner to advanced.

Skills and job opportunities

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

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

Find out more



www.manchester.ac.uk/classics



@Clah_Mcr



/Clah.Manchester



clahresearch.wordpress.com



clahmcr.tumblr.com

Contact details



ug-classics@manchester.ac.uk



+44 (0)161 306 1252

Computer Science

Typical offer

A-level A*AA–AAA

IB 38–37 (766–666 at higher level)

IELTS score 6.5 overall with no less than 6.0 in any component

Computer Science BSc 3yrs

UCAS code G400

Computer Science MEng 4yrs

UCAS code G401

Artificial Intelligence BSc 3yrs

UCAS code G700

Artificial Intelligence MEng 4yrs

UCAS code G702

Computer Science (Human Computer Interaction) BSc 3yrs

UCAS code I140

Computer Science (Human Computer Interaction) MEng 4yrs

UCAS code I142

Computer Systems Engineering BEng 3yrs

UCAS code HH66

Computer Systems Engineering MEng 4yrs

UCAS code GH4P

Software Engineering BSc 3yrs

UCAS code GG6K

Software Engineering MEng 4yrs

UCAS code GG64

Joint courses

Computer Science and Mathematics BSc 3yrs

UCAS code GG14

Computer Science with Business and Management BSc 3yrs

UCAS code G4N2

Many of these courses can be studied for an additional year with:



industrial experience

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Business Studies and Management, Electrical, Electronic and Mechatronic Engineering, Mathematics, Physics and Astronomy

Why Manchester

- Manchester is considered to be the birthplace of computer science – home to the world's first stored-program computer in 1948 and the UK's first computer science department in 1964
- We continue to produce pioneering research, including new brain-like computer architectures, low-power chip design, medical imaging software and new technologies to exploit the power of the web
- We are proud to boast state-of-the-art technologies and facilities to support collaborative work as well as independent learning

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 world-leading research and strong 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 the option of a year in industry and/or an integrated master's year. With an

exceptionally low student-to-staff ratio of 12:1, you'll still get a personal experience even though our School itself is large.

What you study

Single Honours

The School offers four different single Honours courses – Computer Science, Artificial Intelligence, Software Engineering and Computer Systems Engineering. These have a common first year, offering the flexibility to swap between Single Honours courses at the end of your first year as you find out more about them.

Year 1: You'll 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, aimed at helping you to develop essential team-working skills.

Year 2 onwards: You'll study a number of core topics in areas 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 an individual final-year project, often involving the construction of a significant piece of software or hardware.

Human Computer Interaction (HCI)

This exciting field looks at the interaction between computer systems and their human users. It is radically changing the way in which we experience our

world through the development of new applications in science, engineering and business. HCI, often referred to as User Experience, is at the intersection of computer science, behavioural sciences and social science. Our interdisciplinary course attempts to delve much deeper than other such courses, offering key course units delivered by specialists in their field, including neurophysiology, advanced social network analysis, complex software engineering and application development, and qualitative research design and methods.

Computer Science and Mathematics

This course is taught jointly by our Schools of Computer Science and Mathematics, with an equal weighting in each area. 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 principles and practices of business and management (33%). The business aspects of this course include areas such as management and marketing, finance, human resource management, and technology development and application. These are combined with core computer science topics in

programming, software development and database management, along with specialist areas such as distributed computing and artificial intelligence.

Skills and job opportunities

Choosing to study computer science opens up many avenues for your future career prospects. The School has a dedicated employability tutor and strong industrial links across a range of sectors. Employers – from large multinationals to small, local organisations – actively target our students. Positions that our graduates have secured within six months of graduating include: investment banker at Barclays, technology evangelist at Microsoft, graduate engineer at ARM, software engineer at BAE Systems, graduate developer at the BBC, and digital development manager at Universal Music Group.

For more information on career opportunities, see:



www.manchester.ac.uk/cs/employ

Find out more



www.manchester.ac.uk/cs



@csmcr



/computersciencemcr



/UoMCompsci

Contact details



ug.comp.sci@manchester.ac.uk



+44 (0)161 275 6124

C

Criminology

Criminology is taught within our School of Law. Find out more about Law courses on p86.

D

Dentistry

Typical offer

Due to the detailed nature of entry requirements for Dentistry, we are unable to include a typical offer in the prospectus.

Bachelor of Dental Surgery (BDS) 5yrs

UCAS code A206

Oral Health Science BSc 3yrs

UCAS code B840

Why Manchester

- Be part of a School with a distinguished reputation in dentistry, long established since 1884
- Gain extensive experience in outreach community clinics regularly treating patients, and experience clinical dentistry in a real-world environment
- Develop knowledge via innovative enquiry-based learning

The subjects taught in all UK dental schools are controlled by the General Dental Council. Their document, *Preparing for practice – Dental team learning outcomes for registration*, gives details on what is covered in the BDS programme.

Please note that the government restricts international places on dentistry courses across the UK. We can therefore only offer around three places per year to international (non-EU) applicants.

What you study

BDS graduates can work in the UK (subject to satisfactory working visa clearance) in general practice, the community dental service, hospital practice, university teaching and research, various individual organisations, and the armed forces. The qualification is recognised throughout the European Union and in many other countries.

Find out more



www.manchester.ac.uk/dentistry

Contact details



ug-dentistry@manchester.ac.uk



+44 (0)161 306 0231

D

Drama

Typical offer

A-level AAB–BBB

IB 36–31

IELTS score 7.0 overall

Drama BA 3yrs

UCAS code W400

Drama and English Literature BA 3yrs

UCAS code WQ4H

Drama and Screen Studies BA 3yrs

UCAS code WW46

Many of these courses can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

American Studies, English Literature and Creative Writing, Music

Why Manchester

- £6 million investment in our John Thaw Studio, a purpose-built theatre with excellent technical facilities staffed by professional technicians
- 90% student satisfaction in Drama and English (National Student Survey 2014)
- Our staff won teaching awards at Faculty and University level in 2013, voted by Manchester students

Skills and job opportunities

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, taking a range of courses from acting to drama therapy and screen writing. Some continue their studies to doctoral level and take up a career in university teaching and research.

Find out more



www.manchester.ac.uk/drama

Contact details



ug-drama@manchester.ac.uk



+44 (0)161 275 4987

E

Earth Sciences and Geology

Typical offer

A-level AAB–ABB

IB 35–33

IELTS score 6.5 overall with no less than 6.0 in any component

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

Many of these courses can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Environmental Science, Geography, Petroleum Engineering

Why Manchester

- Geology course accredited by the Geological Society of London
- Open and welcoming School with low staff-student ratios

Our earth sciences degrees cover all major aspects of geology – ideal if you want to keep your options open and are uncertain about your future career plans. Core teaching in all courses allows you to not only become highly competitive in a geoscientist career, but also 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 sciences 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: Evaluate critically 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

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

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

Find out more



www.manchester.ac.uk/seaes



@UoMSEAES



/manchesterseaes

Contact details



ug-earth-sci@manchester.ac.uk



+44 (0)161 275 0776

Economic and Social Studies

Typical offer

A-level AAB

IB 35

IELTS score 6.5 overall with no less than 6.0 in any component

Accounting and Finance BAEcon 3yrs

UCAS code NN43

Business Studies BAEcon 3yrs

UCAS code N100

Business Studies and Economics BAEcon 3yrs

UCAS code NL11

Business Studies and Politics BAEcon 3yrs

UCAS code NL12

Business Studies and Sociology BAEcon 3yrs

UCAS code NL13

Development Studies BAEcon 3yrs

UCAS code L900

Economics BAEcon 3yrs

UCAS code L100

Economics and Finance BAEcon 3yrs

UCAS code LN13

Economics and Philosophy BAEcon 3yrs

UCAS code LV15

Economics and Politics BAEcon 3yrs

UCAS code LL12

Economics and Sociology BAEcon 3yrs

UCAS code LL13

Finance BAEcon 3yrs

UCAS code N300

Many of these courses can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Accounting and Finance, Business Studies and Management, Economics, Philosophy, Politics and International Relations, Social Sciences, Sociology

Why Manchester

- First run in 1903, the BAEcon 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 with more than 2,000 members, sponsored by Ernst & Young

Our BA Economics and Social Studies (BAEcon) 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 crucial decisions about your study as you progress.

See the relevant pages of this prospectus for more information on the subjects:

- Accounting and Finance (p56)
- Business Studies and Management (p62)
- Economics (p73)
- Philosophy (p102)
- Politics and International Relations (p106)
- Sociology (p113)

On graduating, your degree certificate will state your specialisation in your final-year subject(s).

What you study

Year 1: 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 a single area or a joint pathway, according to your 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, 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.

Find out more



www.manchester.ac.uk/socialsciences



@ManUniEconomics

Contact details



socialsciences@manchester.ac.uk



+44 (0)161 275 1473 / 4748

Economics

Typical offer

A-level AAB

IB 35

IELTS score 6.5 overall with no less than 6.0 in any component

Economics BSc 3yrs

UCAS code L102

This course can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Accounting and Finance, Business Studies and Management, Philosophy, Politics and International Relations, Social Sciences

Why Manchester

- 90% of our graduates work in a professional or managerial role six months after graduation
- Distinguished history: a Chair in Political Economy was founded at Manchester in 1854

Many famous names in economics have worked and studied at Manchester, including three Nobel laureates: Sir John Hicks, whose interpretation of Keynes General Theory is still considered the dominant model and is taught to undergraduates at nearly all UK universities today; Sir Arthur Lewis, a development economist who became the first black person to receive a Nobel Prize outside the category of peace; and, more recently, American economist Joseph Stiglitz, who chaired our Brooks World Poverty Institute.

Today we're 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 undergraduate courses.

What you study

Our small, dedicated degree provides you with specialist training and knowledge in the study of economics. It has a strong quantitative (mathematics and economics) centre and covers core elements of micro- and macroeconomics. You may choose to

specialise in economics, econometrics and mathematical economics, or financial economics.

Year 1: Core units in economics, mathematics and statistics for economics, 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 macroeconomics 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 econometrics and quantitative skills. You may also pursue your area of specialisation via a range of optional units such as money, banking and financial markets, the Chinese economy, and business economics.

Skills and job opportunities

You'll develop the mathematical and quantitative skills necessary for further study in economics, or for a career as a professional economist in the public or private sector.

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.

Find out more



www.manchester.ac.uk/economics



@ManUniEconomics

Contact details



socialsciences@manchester.ac.uk



+44 (0)161 275 1473 / 4748

E

Electrical, Electronic and Mechatronic Engineering

Typical offer

A-level AAA–AAB including Mathematics and either Physics or Further Mathematics

IB 35–33 including 6 in Mathematics and either Physics or Further Mathematics at higher level.

IELTS score 6.0 overall with no less than 5.5 in any component

Electrical and Electronic Engineering BEng 3yrs

UCAS code H600

Electrical and Electronic Engineering MEng 4yrs

UCAS code H605

Electronic Engineering BEng 3yrs

UCAS code H610

Electronic Engineering MEng 4yrs

UCAS code H614

Mechatronic Engineering BEng 3yrs

UCAS code HH36

Mechatronic Engineering MEng 4yrs

UCAS code HHH6

Many of these courses can be studied for an additional year with:



industrial experience

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Aerospace Engineering, Civil Engineering, Computer Science, Engineering and Science with an Integrated Foundation Year, Mathematics, Mechanical Engineering

Why Manchester

- Strong industry links with companies such as E.ON, Centrica, GE, Jaguar Land Rover, National Instruments, Agilent Technologies, Texas Instruments and ARM Holdings. These links inform our course content and make you more employable
- Cutting-edge degrees informed by excellent research; ranked in the top three of all institutions in our discipline in the UK for research impact
- All our courses are accredited by the Institution of Engineering and Technology

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. We're 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

Electrical and Electronic Engineering

The use of electricity is fundamental to modern life and, 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. This will be a lifetime challenge facing the next generation as traditional sources of energy will run out and new ways of generating, distributing and using electricity must be sought. Electrical and electronic engineers have a vital role in addressing this challenge. 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

Today, and in the future, we look to electronics to provide solutions for

complex problems. Take the mobile phone; a very sophisticated computer and communications system that links to a worldwide network of antennae, allowing it to connect to any other mobile or landline, as well as 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.

We live in an information age that 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 the 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 the required new position. The electronics therefore require information from sensors that can detect position, orientation, and visual or audio signals. The 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 also 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

Here are some examples of the fields and companies to which graduates from our courses contribute:

- Communications with BT, Agilent Technologies, Vodafone, Broadcom and Nortel Networks;
- Control and automation with Bentley, ABB, BP and Proctor and Gamble;
- Energy with ABB, AREVA, BP, EDF Energy, E.ON, National Grid, Shell and United Utilities;
- Design with ARUP and Rolls-Royce;
- Information technology with Intel and IBM;
- Automotive and aviation with Bentley, Jaguar Land Rover, Red Bull Racing and Rolls-Royce;
- Research and development with Siemens, ABB and National Grid.
- Process engineering with BP, Shell and AMEC;
- Investment banking with Goldman Sachs, Deutsche Bank, Citi and Deloitte;
- Consultancy with Accenture and Detica.

Find out more



www.manchester.ac.uk/eee



@eeemanchester

Contact details



ug-eee@manchester.ac.uk



+44 (0)161 306 4700

Engineering

We offer several types of Engineering. Find out which one is for you:
Aerospace Engineering, p57;
Chemical Engineering, p64;
Civil Engineering, p67; Electrical,
Electronic and Mechatronic
Engineering, p74; Mechanical
Engineering, p94; Petroleum
Engineering, p99.

Engineering and Science with an Integrated Foundation Year

Typical offer

A-level ABB-BBC

IB Available on request

IELTS score No less than 5.5 in each component

Engineering with an Integrated Foundation Year 4/5yrs

UCAS code H108

Science with an Integrated Foundation Year 4/5yrs

UCAS code F008

Why Manchester

- Courses designed to maximise your achievement and fully prepare you for degree study in engineering or science
- Experience exactly the same conditions as any other undergraduate, including accommodation and on-campus teaching by University staff

Engineering or Science with an Integrated Foundation Year are one-year courses designed to improve your mathematical and scientific knowledge and understanding to a level where you will be suitable for an engineering or physical science degree course in our Faculty of Engineering and Physical Sciences.

You'll be taught by University staff with considerable experience of delivering a foundation-year curriculum, in a study environment that's 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 time-constrained examinations in January and June.

What you study

Depending on your chosen stream (either 'engineering' or 'science' as described below) you'll study Mathematics, Physics and Chemistry – these core subjects are essential for securing success on your future degree course. You'll also study academic skills and information and communication technology, developing transferable skills necessary for undergraduate study and 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 you a place to study, prepare coursework, use

computers or simply socialise.

There is a strong sense of community within the student body and excellent tutorial support.

Provided you meet the progression criteria of your chosen course, successful completion of the foundation year guarantees your progression to the first year of an appropriate degree chosen from:

Engineering

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

Science

- Chemistry
- Computer Science
- Earth Sciences
- Mathematics
- Physics and Astronomy
- Textiles

You can 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 degree-course level, after which you'll have a very wide range of career options open to you on graduation. Graduates with degrees in engineering and physical sciences are much sought after by a wide range of employers.

Find out more



www.foundationstudies.eps.manchester.ac.uk



@UoMFoundEPS



/groups/uomfoundation2011.12

Contact details



ug-fy-eps@manchester.ac.uk



+44 (0)161 306 4742

English Language for Education

Typical offer

A-level AAB–BBB
IB 35–31

IELTS score 6.5 overall, with 6.5 in writing and no other component below 6.0

English Language for Education BA 3yrs
UCAS code X3Q1

You might also be interested in...

Linguistics and English Language

Why Manchester

- A unique course focusing on English language and its connections with education
- Excellent work experience opportunities via study placements to enhance your employability
- Small-group teaching and guided one-to-one supervision

Skills and job opportunities

You'll explore language use, the nature of spoken and written communication, educational issues, and how language reflects and impacts upon wider society and culture. The skills you'll develop, such as written and oral communication, teamworking, 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 Manchester's Primary and Secondary PGCEs are rated as outstanding by Ofsted.

Find out more



www.manchester.ac.uk/education



@ELE_UoM



/ELEUoM

Contact details



ug-education-admissions@manchester.ac.uk



+44 (0)161 275 0969

English Literature and Creative Writing

Typical offer

A-level AAA–ABB
IB 37–33

IELTS score Minimum IELTS score of 7.0–6.5

English Literature BA 3yrs

UCAS code Q320

English Literature with Creative Writing BA 3yrs

UCAS code Q3W8

Drama and English Literature BA 3yrs

UCAS code WQ4H

English Literature and American Studies BA 3yrs

UCAS code QT37

English Literature and Linguistics BA 3yrs

UCAS code QQ13

Many of these courses can be studied for an additional year with:

-  study abroad
-  a modern language

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

American Studies, History of Art and Visual Studies, Linguistics and English Language, Modern Languages

Why Manchester

- Our library is one of only five National Research Libraries and the only one in the north
- One of the UK's largest communities of English literature and creative writing scholars
- Study abroad options across Europe (eg Amsterdam and Berlin) and further afield (eg Australia and Hong Kong)

Studying with us means studying the full historical range of English literature, from the Anglo-Saxon period to the present day, as well as engaging with the many forms literature takes.

We'll also train you to become an independent researcher, critical and creative thinker and persuasive writer.

You'll learn beyond the seminar room: for instance, exploring our Special Collections, which include treasures such as Shakespeare's first folio; and by attending our prestigious literary event series.

We believe good reading and good writing go together. That's why our Creative Writing pathway allows you to develop your own creative writing skills while receiving a firm grounding in the tradition of English literature. We'll encourage creative breadth by asking that you write both poetry and fiction. You'll be able to attend creative writing workshops by published writers, and receive detailed, individual feedback on your work.

What you study

Year 1: Study course units in: Literature Tutorials; Reading Literature; Mapping the Medieval; Theory and Text; Literature and History; and one free choice.

Year 2: Study units covering the full historical breadth of literature. Options include: Medieval Metamorphoses; Shakespeare; Satire and the Novel; Modernism; and Gender, Sexuality and the Body.

Year 3: Choose from options covering all periods of English literature, including:

The Word: Performing, Writing, Reading the Bible c1380–c1611; Revenge Tragedy; Pox and Plague: Disease in 18th Century Satire; Lord Byron; Improper Modernisms; Contemporary Irish Poetry and Fiction; and Futuristic Fictions.

The Creative Writing pathway has additional compulsory writing workshops in each year of the degree, involving both poetry and prose writing.

Skills and job opportunities

In addition to a detailed knowledge of the subject of English literature, our graduates are trained in critical thinking, independent research, creative problem solving, persuasive argument (both verbally and in writing), and textual analysis.

Our graduates have gone on to pursue careers in many traditional fields, working as English teachers, editorial / new media executives and staff writers, and in less traditional fields, such as event production and financial insurance advising.

Find out more



www.manchester.ac.uk/english



ug-eac@manchester.ac.uk



+44 (0)161 275 3107

Contact details

Environmental Science

Typical offer

A-level AAB–ABB
IB 35–33

IELTS score 6.5 overall with no less than 6.0 in any component

Environmental Science BSc 3yrs
UCAS code F850

This course can be studied for an additional year with:



study abroad



industrial experience

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Earth Sciences and Geology,
Geography, Life Sciences

Why Manchester

- Excellent links and partnerships with a range of industrial partners
- Open and welcoming School with low staff-student ratios

Environmental Science at Manchester develops three fundamental science strands – biosciences, geosciences and environmental physics – and then weaves them together by 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's ideal if you're interested in the broad field but want to keep your study options open, or are uncertain about your future career plans.

What you study

Year 1: Discover the laboratory and learn the field skills necessary to take you through your degree. Gain a firm basis 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, which will give you the opportunity to carry out a substantial piece of independent research, 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 transferrable skills.

Our environmental science degrees can lead to employment opportunities in commercial, industrial, government and educational sectors, as well as providing the foundation required for further postgraduate study in environmental science and related science disciplines.

Employment roles range from consultants and managers to scientists working in the field or the laboratory.

Find out more



www.manchester.ac.uk/seaes



@UoMSEAES



/manchesterseaes

Contact details



ug-earth-sci@manchester.ac.uk



+44 (0)161 275 0776

European Studies

Typical offer

A-level ABB–BBB
IB 34–32

IELTS score 6.5

European Studies can be studied for an additional year with:



study abroad



a modern language

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Modern Languages

Why Manchester

- Unique course that equips you with strong analytical skills
- Enthusiastic teaching team of internationally renowned experts in their research fields

Skills and job opportunities

You can study European Studies with French, German, Italian, Portuguese, Russian or Spanish.

You'll graduate with in-depth knowledge of international and comparative politics, as well as proficiency in at least one European language. You'll also gain critical skills in a wide variety of subjects and develop transferrable skills during your year abroad that are highly valued by employers. Job opportunities exist in areas including the media, business services, marketing, advertising, management, banking and communications.

Find out more



www.alc.manchester.ac.uk/subjects/languages



@UoMSALC

Contact details



ug.languages@manchester.ac.uk



+44 (0)161 275 3211

F

French Studies

French Studies is part of Modern Languages – find out more about Modern Languages courses on p96.

G

Geography

Typical offer

A-level AAA–AAB

IB 37–33

IELTS score 6.5 overall, with 6.5 in writing and no other component below 6.0

Geography BA 3yrs

UCAS code L700

Geography BSc 3yrs

UCAS code F802

Geography and Geology BSc 3yrs

UCAS code FF68

Geography (MGeog Integrated Master's) 4yrs

UCAS code F800

Geography with International Development (MGeog Integrated Master's) 4yrs

UCAS code D320

Geography with Planning (MGeog Integrated Master's) 4yrs

UCAS code F801

Many of these courses can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Earth Sciences and Geology,
Environmental Science

Why Manchester

- Ranked 10th 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
- Field courses enable you to learn and engage with staff and students in an informal atmosphere

Geography has been taught at Manchester for more than 120 years. The focal point of the industrial revolution, Manchester is surrounded by a landscape that mixes industrial heritage with a huge diversity of impressive scenery, making it a geographically interesting region of the UK.

Our teaching and research portfolio covers most aspects of geography. Our extensive facilities include map and book libraries, audiovisual equipment, laboratories, and computer clusters with networked PCs and Internet access.

Each course has its own induction to help you settle in. For example, Single Honours students begin their degree with a three-day field course in the Lake District. You'll also get to know your fellow students better through social events organised by our Manchester University Geographical Society.

We can offer you a wide choice of course units and opportunities to learn in small groups with excellent staff-student ratios. This is reflected in our National Student Survey satisfaction rates, which all exceed 90% (NSS 2014).

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 and Science.

Geography and Geology

A joint Geography and Geology degree which studies Earth surface processes, including earth sciences and physical geography.

Geography with International Studies

Study abroad in Year 3 in a choice of European countries, or in Australia, New Zealand, Canada, Hong Kong, Singapore, or the US. Dissertation work usually relates to this period of study.

Geography Integrated Master's Courses

Our three-year geography degree, plus a fourth year studying at master's level.

Geography: Complete a year-long research project, choose four course units from a wide choice and take part in a seminar and study programme that teaches you to evaluate geographical research and its application in policy, professional and commercial spheres.

Geography with International Development: Develop specialist understanding of international development principles, concepts and practice.

Geography with Planning: Gain the knowledge and skills necessary for a professional career in planning and related areas.

Skills and job opportunities

Geography graduates are very employable. You'll gain a range of

analytical techniques, including literacy, numeracy and ICT ability, as well as skills in presentation, problem solving and communication.

Some of our graduates use geographical skills directly in careers such as environmental work, regeneration, planning and education. Many others follow a less specialist path in areas such as management, advertising, the media, social services, finance and the legal profession. You could also undertake postgraduate study or vocational training.

Find out more



www.manchester.ac.uk/geography

Contact details



ug-geography-admissions@manchester.ac.uk



+44 (0)161 275 0969

German Studies

German Studies is part of Modern Languages – find out more about Modern Languages courses on p96.

History

Typical offer

A-level AAA–ABB
IB 37–34
IELTS score 7.0–6.5

History BA 3yrs

UCAS code V100

History and American Studies BA 3yrs

UCAS code VT17

History and Sociology BA 3yrs

UCAS code VL13

Modern History with Economics BA 3yrs

UCAS Code V136

Politics and Modern History BA 3yrs

UCAS Code VL12

History with Integrated Master's

MHist 4yrs

UCAS Code V101

Many of these courses can be studied for an additional year with:



study abroad



a modern language

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Arabic and Middle Eastern Studies, Archaeology, Classics and Ancient History, History of Art and Visual Studies, Modern Languages

Why Manchester

- All our history courses scored over 90% in overall teaching satisfaction (National Student Survey 2014)
- 72% of our graduates are employed or in further study within six months of graduation, while 69% of those employed are in managerial or professional roles (Unistats)
- A flexible degree taught by committed teachers with a dynamic and cutting-edge approach to student learning

History has been taught at Manchester at degree level since the Victorian era, and we're proud of our influence and impact on the subject area. We're one of the largest history departments in the country, with more than 30 academic staff. We offer a diverse range of course units and teaching expertise, allowing you to study many different types of histories, chronological periods and geographical areas.

You'll experience an inspiring learning environment with committed and passionate experts who embrace dynamic and forward-thinking strategies to enhance student learning. We offer some of the best library facilities in the country and comprehensive use of e-learning to support your development.

The University pioneered (and continues to develop) the study of economic history, and our department introduced the graduate thesis – a model now replicated around the world. As a student in this historically rich city, you'll have the opportunity to draw on the abundant library and archive 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.

What you study

The University of Manchester is home to one of the largest concentrations of historians in Britain. Our courses take maximum advantage of the range and breadth of our staff's expertise, offering study of history from 800BC to the late 20th century. We also offer course units in many different kinds of history, from the history of war to cultural history. The geographic areas we cover include not only Britain and Europe, but also Asia, Russia, Africa and beyond. We offer students the opportunity to explore human communities and their histories over a greater timespan and from a greater variety of perspectives than most other universities. We encourage you to study a diverse range of types of history and to develop your own original and imaginative approaches to historical study.

We offer three types of programme:

- **Single Honours History**, which covers extensive specialisms within the subject area;
- **Joint Honours** (for example Modern History with Economics), which is broadly split between the two subject areas and which offers you the option to tailor your study pathway according to your specific interests;
- **History and a Language**, in which you spend your third year abroad, immersed in the culture and history of the country specific to your chosen language.

Our courses aim to:

- provide an extensive and stimulating collection of course units embracing a wide range of historical periods;
- introduce you to diverse approaches and methodologies of studying history;
- offer you flexibility in developing your own individual course of study;
- develop your powers of critical analysis and argument, so that you can communicate your ideas effectively, orally and in writing;
- equip you with the skills for entry into future employment, or for pursuing postgraduate study.

We urge you to be adventurous in your choices and to use this as an opportunity to experience areas of history with which you're unfamiliar.

Skills and job opportunities

Our students develop outstanding skills in analytical and critical thinking, acquire excellent research, writing and communication skills, and hone their time management and organisational abilities.

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 job opportunities include education, heritage and museums, the civil service, think tanks, media and journalism, marketing and public relations, law, and accountancy.

Find out more



www.manchester.ac.uk/history



@UoMhistdept



/UniversityOfManchester
HistoryDepartment



www.e-tout.blogspot.co.uk

Contact details



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+44 (0)161 306 1251

H

History of Art and Visual Studies

Typical offer

A-level ABB–BBB
IB 34–31 (665–555 at higher level)
IELTS score 7.0–6.5

History of Art BA 3yrs

UCAS code V360

Archaeology and Art History BA 3yrs

UCAS code VV43

Many of these courses can be studied for an additional year with:



study abroad



a modern language

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Archaeology, Classics and Ancient History, History, Modern Languages

Why Manchester

- We enjoy close ties with the University's art gallery, the Whitworth, which has recently reopened following a spectacular £15 million refurbishment programme
- We offer funded study trips to the UK and abroad, including Paris, Berlin and Rome
- Each year two second-year students undertake summer internships at the world-famous Peggy Guggenheim Collection in Venice

Founded in the 1950s, History of Art at The University of Manchester is one of the most well established departments of its kind in Britain. We have developed rich resources for teaching and research that few other UK universities can rival. We're at the forefront of modern and contemporary art history in the UK and have an equally strong research and teaching cluster in medieval and Renaissance art and architecture.

Our breadth of expertise is a hallmark of our degree programmes, from classical ancient Greece to contemporary and non-Western art, film and photography. You'll be taught by art historians who are leaders in their fields, learning via lectures, seminars, tutorials, field trips and an optional work placement.

In addition to its teaching collections, the University-owned gallery, the Whitworth,

offers placements and volunteering opportunities, providing valuable insight into gallery and museum work – one of our key graduate destinations.

You'll also enjoy the benefits of one of the UK's leading research libraries, as well as the prestigious John Rylands Library – home to world-class collections of pre-modern manuscripts, early printed books and many other important materials.

What you study

As an undergraduate, you can take the Single Honours History of Art degree or choose a Combined Honours option, such as History of Art and a Modern Language. Our tailored learning allows you to build on a broad foundation in History of Art and Visual Studies with specialist study at Levels 2 and 3.

Year 1: Study the basics of art history and art spaces, as well as artworks in history from Ice Age to baroque and rococo to now.

Year 2: You'll learn to develop critical thinking through key course units including Art In Theory and The Afterlife of Objects, as well as studying abroad as part of a field trip. You can also tailor your learning, selecting from a broad offer of optional units ranging from Before the Black Death to Installation Art.

Year 3: As well as undertaking a research-informed dissertation, you'll personalise your study through additional optional units covering a host of genres, from Topics in Surrealism to Making Art Public. You'll also supplement your study

with hands-on learning through a work placement.

Skills and job opportunities

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; teamworking; empathy and social insight; and intercultural awareness.

Our award-winning Careers Service will work in partnership with you throughout your studies to improve your employability and prepare you for the competitive jobs market. Recent graduate career destinations include Royal Collections Exhibitions Curator, Archivist at Tate Liverpool and Art Officer at English Heritage, while other graduates undertake postgraduate study.

Find out more



www.manchester.ac.uk/arhistoryvisualstudies



@AHVS_UoM



www.manchesterarthistory.wordpress.com

Contact details



ug-ahvs@manchester.ac.uk



+44 (0)161 306 1251

H

Humanitarian and Conflict Response

Typical offer

A-level AAB–ABB

IB 33–35 (665–655 at higher level)

IELTS score 7.0 minimum

International Disaster Management and Humanitarian Response BSc 3yrs

UCAS code VL38

This course can be studied for an additional year with:



study abroad



a modern language

For a full list of course options and UCAS codes see the index at the back of this prospectus.

Why Manchester

- You'll have the 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
- You'll actively engage in critical analysis of key debates and challenges in disaster management and humanitarian response – developing practical insight around emerging themes and issues
- Work placements and national/international fieldwork opportunities offer a chance to experience key humanitarian concepts in a real-world context

As a leading global centre for the study of humanitarianism, conflict response, global health, international disaster management and peacebuilding, the Humanitarian and Conflict Response Institute (HCRI) offers an unrivalled learning environment for students interested in pursuing careers in humanitarian aid or research.

By bringing together medicine and the humanities, our programmes offer an inclusive approach to humanitarian education that mirrors the reality of aid operations and informs both analytical and applied disciplines. We take a

multidisciplinary approach to facilitate improvements in crisis response, allowing students from a variety of disciplines to locate and apply their knowledge in the context of the field of humanitarianism and conflict response.

HCRI will introduce you to studies in contemporary and historical manmade, environmental and medical crises. The Institute is driven by a desire to inform and support policy and decision-makers, and to foster increased professionalisation within the sector towards humanitarian effectiveness.

Beyond the University, we've forged global networks of academics and practitioners, bringing specialist knowledge and understanding of their geographical location to our teaching and research.

What you study

The subjects of disaster management and humanitarian response cross traditional subject boundaries. You'll be studying issues arising from relief and development work, including resilience-building and preparation for crises and disasters.

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.

Every year, you'll take a number of compulsory courses plus optional units from a range of subjects of your choice:

Year 1

- Introduction to Disaster Studies
- Introduction to Global Health
- Natural and Anthropogenic Hazards
- Introduction to Humanitarian Organisations and Systems

Year 2

- Emergency Planning and Response
- Peace Building and Security Environments
- Humanitarian Response to Crisis Case Studies
- Development and Disaster
- Work placements

Year 3

- Managing Disaster Organisations (including field work)
- War, Migration and Health
- Research Methods and Dissertation

Language options

Up to a third of your degree can be made up of studying languages, such as Arabic, French, German or Russian. This option addresses demand for 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 continues to shape the real-world focus of our teaching, as well as offering strong industry links to key career destinations for our graduates.

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. HCRI's partnership with Manchester's UK-Med also continues to flourish; the Institute assists in developing and managing the UK International Emergency Trauma and Medical Registers (UKIETR/UKIEMR) – an initiative supported by the Department for International Development.

Find out more



www.hcri.manchester.ac.uk



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



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



[/HCRIInstitute](https://www.youtube.com/HCRIInstitute)



www.blog.hcri.ac.uk

Contact details



ug-hcri@manchester.ac.uk



+44 (0)161 275 0464

International Relations

Politics and International Relations are taught together at Manchester. Find out more about Politics and International Relations on p106.

Italian Studies

Italian Studies is part of Modern Languages – find out more about Modern Languages courses on p96.

Japanese Studies

Japanese Studies is part of Modern Languages – find out more about Modern Languages courses on p96.

Law and Criminology

Typical offer

A-level AAA–ABB
IB 37–33 (666–655 at higher level)
IELTS score 7.0 with no less than 6.5 in any component

Criminology BA 3yrs

UCAS code M901

Law LLB 3yrs

UCAS code M100

Law with Criminology LLB 3yrs

UCAS code M1M9

Law with Politics LLB 3yrs

UCAS code LM21

Many of these courses can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Politics and International Relations,
 Social Sciences

Why Manchester

- Gain hands-on experience of law in practice, working alongside professionals at one of our Legal Advice Centres (the first to be included in a university setting)
- Study criminology with academics who are actively involved in advancing knowledge in this discipline
- Excellent graduate prospects in diverse professional roles and postgraduate study options

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 overseas organisations such as the United Nations, the World Trade Organization and a number of legal authorities and international law schools. Our students come from diverse backgrounds, both socially and internationally, which makes

for a very dynamic and intellectually stimulating environment.

What you study

Law LLB 3yrs

Study the foundational modules for a Qualifying Law Degree in Years 1 and 2 and specialise in subjects of your choice in Year 3.

Year 1: Four foundational course units, each taught across two semesters including Contract Law, Criminal Law, Public Law, and Property Law I. Plus an intensive two-week introduction to legal systems and skills.

Year 2: Four foundational course units including Tort Law, European Union Law, Property Law II and Jurisprudence. Plus one optional course unit of your choice.

Year 3: Choose six optional course units on 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 BA 3yrs

Year 1: Common compulsory modules allow you to develop an understanding of the sociological and psychological explanations of crime and criminal behaviour. Study the criminal justice system and criminal law alongside the theories of social behaviour.

Year 2: Extend your understanding of criminological theory and your knowledge of the theories and

techniques used in contemporary criminal justice systems. Become familiar with specific patterns of crime and criminality. Extend your understanding of criminal justice by studying theoretical and operational issues associated with the regulation of behaviour in democratic societies.

Year 3: Specialist options include comparative analysis of crime and criminal justice, crime prevention, terrorism, management of offenders, organised crime, and drugs misuse. Expand your understanding and appreciation of the inter-relationships between crime, law, criminal justice, and society.

Law with Criminology LLB 3yrs

Year 1: Complete an intensive two-week course in legal skills, plus course units in Foundations of Criminal Justice, Contract Law, Criminal Law, Crime and Society, and Criminological Research Methods.

Year 2: Study Public Law, Property Law I, Policing and the Police, and Understanding Punishment. Choose one optional Law module and one optional Criminology module.

Year 3: Choose whether to continue to the LLB qualification (Track 1) by completing the core modules for a Qualifying Law Degree (Tort Law, EU Law, Property Law, plus optional course units in Criminology), or to continue to a BA Law with Criminology (Track 2) with a free choice of course units across Law and Criminology, plus optional dissertation.

Law with Politics LLB 3yrs

Year 1: Study an intensive two-week course in legal skills, plus course units in Contract Law, Public Law and Introduction to Political Theory. Choose one further Politics optional course unit.

Year 2: Study Criminal Law and Property Law I, plus optional course units in Law and in Politics. At the end of this year you can opt to follow Track 1 or Track 2.

Year 3: Choose whether to continue to the LLB qualification (Track 1) by completing the core modules for a Qualifying Law Degree (Tort Law, EU Law, Property Law II, plus optional course units in Politics), or to continue to BA Law with Politics (Track 2) with a free choice of course units across Law and Politics.

Skills and job opportunities

If you want to practise as a solicitor or barrister (England and Wales), our LLB degrees are Qualifying Law Degrees, enabling you to study the foundational subjects required to qualify for exemptions at the next stage in your training. Further training is required, including 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.

For criminology and criminal justice related professions, you can take our extensive Criminology Careers programme. This gives you the chance to learn from and network with panellists from the police, probation, intelligence analysing and the third sector, preparing you for graduate employment.

Find out more



www.manchester.ac.uk/lawschool



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

Contact details



ug-law@manchester.ac.uk



+44 (0)161 306 1271



+44 (0)161 275 5590

Life Sciences with an Integrated Foundation Year

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'll only be accepted onto the foundation year if there is evidence that you have underperformed due to circumstances beyond your control.

IELTS score 6.5 overall with no less than 6.5 in any component

Life Sciences with a Foundation Year 4/5yrs

UCAS code C900

You might also be interested in...

Life Sciences, Optometry

Why Manchester

- Complete and thorough preparation for degree study in the life sciences
- An 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 life sciences degree courses, but do not have the appropriate entry qualifications – eg if you have studied arts, languages or social sciences at A-level – this course is for you.

You'll 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 on to 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.

Find out more

Please see Life Sciences.

Contact details

Please see Life Sciences.

Life Sciences

Typical offer

A-level AAA–ABB

IB 37–33

IELTS score 6.5 overall with no less than 6.5 in any component

Anatomical Sciences BSc 3yrs

UCAS code B110

Anatomical Sciences MSci 4yrs

UCAS code S2A6

Biochemistry BSc 3yrs

UCAS code C700

Biochemistry MSci 4yrs

UCAS code 2C13

Biology BSc 3yrs

UCAS code C100

Biology MSci 4yrs

UCAS code 7S49

Biology with Science and Society BSc 3yrs

UCAS code C1V3

Biomedical Sciences BSc 3yrs

UCAS code B940

Biomedical Sciences MSci 4yrs

UCAS code 6A12

Biotechnology BSc 3yrs

UCAS code C560

Biotechnology MSci 4yrs

UCAS code 6Q13

Cell Biology BSc 3yrs

UCAS code C130

Cell Biology MSci 4yrs

UCAS code 2Y13

Cognitive Neuroscience and Psychology BSc 3yrs

UCAS code BC18

Developmental Biology BSc 3yrs

UCAS code C141

Developmental Biology MSci 4yrs

UCAS code 3L49

Genetics BSc 3yrs

UCAS code C400

Genetics MSci 4yrs

UCAS code 6V14

Life Sciences BSc 3yrs

UCAS code C102

Medical Biochemistry BSc 3yrs

UCAS code C724

Medical Biochemistry MSci 4yrs

UCAS code 6K47

Microbiology BSc 3yrs

UCAS code C500

Microbiology MSci 4yrs

UCAS code 7A22

Molecular Biology BSc 3yrs

UCAS code C720

Molecular Biology MSci 4yrs

UCAS code 2W74

Neuroscience BSc 3yrs

UCAS code B140

Neuroscience MSci 4yrs

UCAS code 3L47

Neuroscience MNeuroSci 4yrs

UCAS code B141

Pharmacology BSc 3yrs

UCAS code B210

Pharmacology MSci 4yrs

UCAS code 2K46

Pharmacology and Physiology BSc 3yrs

UCAS code BB12

Physiology BSc 3yrs

UCAS code B120

Physiology MSci 4yrs

UCAS code 3A48

Plant Science BSc 3yrs

UCAS code C200

Plant Science MSci 4yrs

UCAS code 6D43

Zoology BSc 3yrs

UCAS code C300

Zoology MSci 4yrs

UCAS code 3F49

Many of these courses can be studied for an additional year with:

-  study abroad
-  industrial experience
-  a modern language

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Chemistry, Environmental Sciences, Optometry, Pharmacy, Psychology

Why Manchester

- Consistently high student satisfaction rate: currently 93% (National Student Survey 2014)
- Excellent facilities, including a recent £3 million refurbishment of our anatomy teaching facilities
- Field courses in Europe, Central America and South America

Life sciences – the study of living organisms – is an exciting, fast-moving area, so it's important that you undertake your first degree in a research-led university.

Our courses offer you: a wide range of research opportunities; more than 200 research labs providing final-year projects; more than 300 partner institutions offering industrial and professional experience placements; 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.

You'll be learning from world-leading experts at the cutting edge of science in this fascinating subject – and we're sure that you'll find an area of research that inspires you.

We offer the widest range of life sciences courses of any UK university. You can choose a broad course, such as Life Sciences, Biology, or Biomedical Sciences, to avoid specialisation, or study in-depth in an area that interests you. You can even swap between most of our courses after your first year.

What you study

Year 1: Discover the life sciences. Cover key topics in your lectures, including pharmacology, biochemistry and genetics, which will form the foundations of your studies. Most course units include e-learning to enhance and support your lecture-based units. Develop laboratory and analytical skills in practical units and, potentially, on field courses in the UK, elsewhere in Europe, or in South Africa.

Year 2: Start to specialise in your chosen discipline. The choice and variety of topics will vary widely depending on your course. A taster of topics available includes: 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 adaption of organ function in animals in very different environments.

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.

Year 3: Final-year subjects reflect the current hot topics in life sciences 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.

Carry out an independent research project – a major element of your final year – which could be lab-based or in a number of other formats, eg 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.

Skills and job opportunities

Graduates go into a range of careers. Around a third choose to work in scientific research and development, 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. This may require significant postgraduate study, usually a PhD.

Some graduates choose career options such as teaching, communicating science or science media and conservation. These include medical writers, science editors and conservation officers for organisations including the BBC, Nature and Lancashire Wildlife Trust.

Others pursue careers outside life sciences, including management, finance, marketing and the civil service.

Find out more

-  www.manchester.ac.uk/lifesciences
-  @lifesciencesuom
-  /LifeSciencesManchester
-  /manclifesciences
-  lifesciences_uom

Contact details

-  ug.lifesciences@manchester.ac.uk
-  +44 (0)161 275 5032

Linguistics and English Language

Typical offer

A-level AAB–BBB

IB 35–32

IELTS score 6.5 overall with no less than 5.5 in any component

Linguistics

Linguistics BA 3yrs

UCAS code Q100

Linguistics and Screen Studies BA 3yrs

UCAS code QW16

Linguistics and Social Anthropology BA 3yrs

UCAS code UCAS code QL16

Linguistics and Sociology BA 3yrs

UCAS code QL13

English Literature and Linguistics BA 3yrs

UCAS code QQ13

English Language

English Language BA 3yrs

UCAS code Q1Q3

English Language and Screen Studies BA 3yrs

UCAS code QW36

Many of these courses can be studied for an additional year with:



study abroad



a modern language

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Arabic and Middle Eastern Studies, English Language for Education, Modern Languages

Why Manchester

- You'll have access to cutting-edge resources, including our psycholinguistics and phonetics laboratories, extensive specialist software and one of the largest holdings of linguistics texts in the UK
- We have broader coverage in all subfields of linguistics and English language than other comparable departments in Britain
- You'll work in close collaboration with internationally renowned experts in a wide range of specialisms and languages, whose distinguished research directly informs our courses

Our department is unrivalled in its breadth of subject areas and theoretical approaches. As a linguistics and English language student at Manchester you'll explore key themes and develop critical thinking around the unique human ability of spoken and written language. You'll learn about the sounds and structures of speech, how words relate to thoughts, and how we use words to convey meaning, develop relationships and establish identities.

You will cover topics such as: 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 the sound systems and grammars of different types of language are organised; what happens when speakers of different languages come into contact, plus much more.

What you study

Year 1: You'll learn to look at language from a whole new perspective, studying topics ranging from grammar and semantics to phonetics and sociolinguistics. All students study obligatory units including phonetics and phonology, sociolinguistics, semantics and (English) grammar.

Single Honours students will cover optional course units such as The Linguistics of Names and Languages of the World. Choices may also include a language and/or a free-choice option from anywhere in the Faculty of Humanities.

Year 2: The emphasis will switch to linguistic theories. You'll build on your new analytical skills by considering ideas about the nature of language and models of its structure. You'll study units in

Syntactic Theory, Phonology, and either Typology or Grammatical Semantics.

Single Honours students will choose further course units such as Pragmatics and Introduction to Morphology, plus the additional possibility of either a language or free-choice option from anywhere in the Faculty.

Year 3: In your final year you'll have the opportunity to personalise your learning, tailoring your study pathway to suit your individual interests. You'll have the option to draw course units from a wide range of specialities – from Interactional Pragmatics to Societal Multilingualism.

Skills and job opportunities

Language graduates develop transferable skills in data collection, analysis, writing, critical thinking and communication, qualifying them for a wide range of employment. Your high-level language skills will open up numerous paths with an international dimension – from business to finance. Our graduates have pursued successful careers at *The Guardian*, PwC, L'Oréal, Universal Music Group and Vodafone.

Find out more



www.alc.manchester.ac.uk/subjects/lel



@UoMLEL



www.manling.wordpress.com

Contact details



ug.languages@manchester.ac.uk



+44 (0)161 275 3211

M

Management

Find out more about our Management courses under Business Studies and Management on p62.

M

Management, Leadership and Leisure

Typical offer

A-level ABB–BBB
IB 34–31

IELTS score 6.5 overall, with 6.5 in writing and no other component below 6.0

Management, Leadership and Leisure BA 3yrs

UCAS code N870

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
- As well as major music and sports venues, Manchester boasts a number of museums and art galleries, including the National Football Museum, the Museum of Science and Industry and the Imperial War Museum North

You might also be interested in...

Business Studies and Management

Skills and job opportunities

Leisure is one of the fastest growing industries in the global economy. Studies in marketing, law, human resources, finance, the historical and contemporary aspects of leisure, plus your on-course work experience, will prepare you for a broad range of career opportunities within the leisure sector, including the arts, sport, travel and tourism, and events management. Core course content provides you with a grounding in management and leadership theory.

Graduates have gone on to work as: events executives, tourism officers, marketing officers, communications planners, sports development officers, sports coaches, community fundraisers, business development consultants and project managers.

Find out more



www.manchester.ac.uk/education

Contact details



ug-education-admissions@manchester.ac.uk



+44 (0)161 275 0969

M

Materials Science

Typical offer

A-level AAA–AAB
IB 37–35

IELTS score 6.0 overall with no less than 5.5 in any component

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 Textile Technology MEng 4yrs

UCAS code F205

Many of these courses can be studied for an additional year with:

-  study abroad
-  industrial experience

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Chemistry, Chemical Engineering, Engineering and Science with an Integrated Foundation Year, Textiles

Why Manchester

- Europe's largest and most diverse university activity devoted to materials
- Opportunities for you to meet potential future employers while you're studying
- All MEng courses are accredited by the Institute of Materials, Minerals and Mining (IOM3), leading to Chartered Engineer (CEng) status

Materials science and engineering combines an understanding of the fundamental behaviour of materials from jet engines to nano-robots, from artificial tendons to bulletproof 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, combining theory with practical application to meet engineering challenges.

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. Our MEng courses give you the option of undertaking a six-month industrial placement in the UK or overseas, supported by training in business management skills.

What you study

All our courses start by developing a strong foundation of theoretical and practical skills. The first two years are common to all courses and build on your 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.

As well as an in-depth knowledge and understanding of materials science, you'll develop many skills that are easily transferrable and highly desirable to employers, including complex problem solving, data processing and analysis, communication, and team working.

Skills and job opportunities

Potential careers include consultancy, research and development, management positions, 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 degrees also provide an ideal springboard for higher level study (eg towards a PhD), and approximately one-third of our graduates follow this route.

Find out more



www.manchester.ac.uk/materials



@UoMMaterials

Contact details



ug-materials@manchester.ac.uk



+44 (0)161 306 4360

Mathematics

Typical offer

A-level A*AA-AAA

IB 37

IELTS score 6.0–6.5 overall

Mathematics BSc 3yrs

UCAS code G100

Mathematics MMath 4yrs

UCAS code G104

Mathematics with Business and Management BSc 3yrs

UCAS code G1N2

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

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

Many of these courses can be studied for an additional year with:



study abroad



a modern language

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Accounting and Finance,
Computer Science, Economics,
Physics and Astronomy

Why Manchester

- New £70 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 interviewer programme in which employers help you prepare
- One of the largest mathematics departments in the country, allowing you to explore a huge range of different areas across the discipline

Our staff are involved in high-quality research across the whole of mathematics, including projects in pure mathematics, logic, applied mathematics, numerical analysis, probability and statistics. The breadth and excellence of our research is reflected in the very wide range of higher-level course units we offer in the later years of our undergraduate degrees.

Single Honours degrees

You can choose to study our degrees as either a three-year BSc or a four-year MMath. The BSc provides a good all-round mathematical knowledge, plus the experience of more specialised results, methods and ideas. Our MMath adds sufficient depth to prepare you

for postgraduate study, mathematical research, or work as a specialist mathematician in industry, business, or higher education.

Joint Honours degrees

These courses provide an opportunity to study a BSc degree combining Mathematics with another subject. Mathematical content is less than in Single Honours, but the same skills are included. Mathematics makes up about two-thirds of the 'Mathematics with' degrees; 'Mathematics and' degrees give equal weighting to the two disciplines.

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

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

A mathematics degree is excellent preparation for any career requiring people who can think clearly and logically. Popular areas of employment are finance, computing (including operational research), statistics, teaching (schools and colleges), administration and postgraduate study.

Find out more



www.maths.manchester.ac.uk



@ManUniMaths



/ManUniMaths

Contact details



ug-maths@manchester.ac.uk



+44(0)161 275 5803 / 5804

Mechanical Engineering

Typical offer

A-level AAA–AAB

IB 37–35

IELTS score 6.0 overall with no less than 5.5 in any component.

Mechanical Engineering BEng 3yrs

UCAS code H300

Mechanical Engineering MEng 4yrs

UCAS code H303

Mechanical Engineering with Management BEng 3yrs

UCAS code H3N1

Mechanical Engineering with Management MEng 4yrs

UCAS code H3ND

Many of these courses can be studied for an additional year with:



study abroad



industrial experience

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Aerospace Engineering, Civil Engineering, Electrical, Electronic and Mechatronic Engineering, Mathematics, Engineering and Science with an Integrated Foundation Year

Why Manchester

- Manchester was the first English university to offer an engineering degree
- We have extensive engineering industry links, enhancing both undergraduate teaching and ground-breaking research

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 complexity 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 topic to study 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'll have access to excellent resources for information, computation and experimentation – essential for degree success.

What you study

Our courses produce graduates that are highly valued by employers. Courses are delivered in a variety of teaching styles that reflect both the diversity of topics covered in modern mechanical engineering and the range of skills and expertise that you must develop as a professional engineer.

As well as our main mechanical engineering degree courses, we offer you courses in mechanical engineering combined with management, and mechanical engineering with a year's industrial experience. There is commonality across these courses, especially in Years 1 and 2, so you can transfer between courses.

You'll 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.

Skills and job opportunities

Professional mechanical engineers can work in a whole range of industries: aerospace, automobile, building services, construction, electronics, manufacturing

and the process industries. The demand for mechanical engineers is high and relatively stable because it's less affected by recession than any single industry.

As a graduate of the Mechanical Engineering with Industrial Experience or Mechanical Engineering with Management courses, you'll 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.

Find out more



www.mace.manchester.ac.uk



@School_of_MACE



/UoMMACE

Contact details



ug-mace@manchester.ac.uk



+44 (0)161 306 9210

M

Mechatronics

Mechatronics is taught as part of Electrical, Electronic and Mechatronic Engineering. Find out more on p74.

M

Medicine

Typical offer

Due to the detailed nature of entry requirements for Medicine courses, we're 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're uncertain about the acceptability of your status or qualifications, please contact us. We offer a personal service to all our applicants.

IELTS score 7.0 overall with a minimum of 7.0 in each of the four areas at the same sitting.

Medicine MBChB 5yrs
UCAS code A106

Medicine (including Foundation Year) MBChB 6yrs
UCAS code A104

Many of these courses can be studied for an additional year with:

-  study abroad
-  industrial experience

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Life Sciences

Why Manchester

- You'll gain clinical experience from Year 1 in NHS hospitals and GP surgeries
- You'll learn with whole-body cadavers and virtual dissection used in anatomy
- You'll be part of the first medical school in Europe to provide clinically based students with iPads as a learning aid

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.

Find out more



www.mms.manchester.ac.uk/undergraduate



@MMS_UoM



/manchestermedicalschoo

Contact details



ug.medicine@manchester.ac.uk



+44 (0)161 275 5025 / 5774

Modern Languages

Typical offer

A-level ABB–BBB

IB 34–31

IELTS score 6.5 overall with no less than 5.5 in any component

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

We also offer Integrated Professional Master in Languages programmes (IPML) – visit our website to learn more.

Many of these courses can be studied for an additional year with:



study abroad



another modern language

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Arabic and Middle Eastern Studies

Why Manchester

- Your study will be enriched by the cultural diversity of Manchester – Western Europe's most multilingual city
- Our modern language provision is among the broadest and most diverse in the UK, with varied, flexible courses
- We have close associations with the Alliance Française, Goethe-Institut, Società Dante Alighieri, Instituto Cervantes, Instituto Camões and the Confucius Institute

At Manchester we offer a comprehensive range of language courses, including over 100 different subject combinations. We provide Single and Joint Honours degrees, a prestigious Integrated Professional Master in Languages (IPML) and various combined language courses with partners across the University – from History of Art to Business and Management.

Your learning will be supplemented by one of the UK's leading research libraries, the cutting-edge facilities of the University Language Centre, and the language-rich holdings of The John Rylands Library.

The range and quality of expertise on offer in the School of Arts, Languages and Cultures makes it one of the leading centres for languages in the UK.

What you study

The practical study of the language is at the heart of all these programmes, as our dedicated language-teaching staff work with students to realise their individual potential as language learners. Built around these core language skills, optional course units explore diverse aspects of the culture, history, and linguistics of key countries, helping you to develop intercultural awareness and communication skills – both highly valued by employers. 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.

Our University Language Centre can also help put you in touch with native speakers for regular conversation practice.

All of our programmes share certain key features including:

- 120 credits worth of courses per year of study, including compulsory and optional course units;
- a compulsory core course in Year 1 that provides an introduction to the advanced study of language, culture and society, and rigorous training in crucial academic skills (such as critical analysis, argumentation, research and academic writing);
- increasing flexibility as you progress through your course, ensuring both a solid grounding in your chosen subject area(s) and extensive opportunities for you to develop expertise in areas that are of particular interest and value to you;
- a wide range of optional course units – from the classics of literature to contemporary popular culture, from history and politics to translation and interpreting – allowing you to choose the specialist fields and topics that interest you most;
- for Single Honours students, the opportunity to take up to 20 credits worth of free-choice course units per year – from a host of subjects across the Faculty of Humanities. This includes language courses from the Language Centre's LEAP (Language Experience for All) programme;

- for most Joint Honours students, the possibility to weight your studies more heavily toward one subject or the other – up to an 80/40 credit split – after Year 1;
- integrated training in transferable skills including oral and written presentations, IT skills, time management, leadership, and team-working designed to enhance your employability.

Skills and job opportunities

Our award-winning Careers Service will work in partnership with you throughout your studies to improve your employability and prepare you for the competitive jobs market.

Employers value high-level language skills, even where jobs do not directly require foreign languages. Your linguistic expertise and intercultural communications skills will offer multiple career pathways including business, industry and finance. Our alumni have also pursued careers in journalism, broadcasting, IT, marketing, law, project management, energy and publishing.

You may opt to follow specific research interests via a higher degree (MA/PhD) or use your skills to pursue further vocational study (eg PGCE).

Find out more

-  www.alc.manchester.ac.uk/subjects/languages
-  www.mfc.humanities.manchester.ac.uk
-  www.iberamericamcr.wordpress.com
-  @UoMFrench
-  @UoMGerman
-  @UofM_Italian
-  @MESUoM
-  @splasmanchester
-  /UoMFRENCH
-  /japanesemanchester
-  /splasmanchester

Contact details

-  ug.languages@manchester.ac.uk
-  +44 (0)161 275 3211

M

Music

Typical offer

A-level AAA–AAB (A in Music)

You also need ABRSM (or equivalent) Grade 8, preferably at Distinction, on Instrument/Voice.

IB 37–35 (6 or 7 in three higher level subjects, including Music)

IELTS score 7.0 minimum

Music MusB 3yrs

UCAS code W302

Music and Drama BA 3yrs

UCAS code WW34

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)

Many of these courses can be studied for an additional year with:

 study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Drama, History of Art and Visual Studies

Why Manchester

- National league tables consistently place us among the top universities in the UK for music
- We offer state-of-the-art learning facilities, including the award-winning electroacoustic composition studios, housed by the NOVARS Research Centre
- We're located in one of the most culturally rich cities in the UK and have strong links with a range of professional and community-based music organisations

Skills and job opportunities

We have an outstanding reputation for producing professional musicians. Our alumni include nationally and internationally renowned conductors, performers, academics and directors. Graduate career paths demonstrate the wide range of music-related professions for which our degrees prepare you.

Manchester graduates have gone on to work in: concert and arts management; media careers; publishing and broadcasting; instrumental teaching in

conservatoires, schools and privately;
music teaching in primary and secondary
schools; music librarianship; music
publishing; and music therapy.

Find out more



www.manchester.ac.uk/music



www.musicatmanchester.blogspot.co.uk



@UoMMusic

Contact details



ug-music@manchester.ac.uk



+44 (0)161 275 4987

N

Neuroscience

Neuroscience is one of our Life Sciences courses. Find out more about Life Sciences on p88.

N

Nursing and Midwifery

Typical offer

The University is currently unable to accept applications from international students for Nursing and Midwifery undergraduate courses. This is due to restrictions from the National Health Service (NHS).

Please check our website for the latest information.

You might also be interested in...

Life Sciences, Medicine

Find out more



www.manchester.ac.uk/nursing

Contact details



ug.nursing.bnurs@manchester.ac.uk



ug.midwifery@manchester.ac.uk



+44 (0)161 306 0260

O

Optometry

Typical offer

A-level AAB

IB 35

IELTS score 6.5 overall with no less than 6.5 in any component

Optometry BSc 3yrs

UCAS code B510

Optometry MOptom 4yrs

You cannot apply for MOptom directly. At the end of Year 2 of the BSc, if you would like to continue on to the MOptom course, and you reach the required academic performance, you may do so.

You might also be interested in...

Life Sciences, Medicine, Neuroscience

Why Manchester

- Unique clinical experience at one of Europe's leading eye hospitals: the Manchester Royal Eye Hospital
- Custom-built £4 million optometry facilities at the heart of the biomedical section of our 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 the more internationally recognised '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 2. Start our three-year personal and professional development (PPD) programme.

Year 2: Further 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'll 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 MOptom at the end of Year 2 and are selected, based on good academic performance and communication skills, you'll embark on the final two years, which include a year of practical experience – in both private practice and at an eye hospital – plus an advanced project and lecture courses.

Otherwise, 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 the business skills and legal knowledge required for running your own optometry business.

You could also teach, or undertake research in industry or academia.

Find out more



www.manchester.ac.uk/lifesciences



@lifesciencesuom



/LifeSciencesManchester



/manclifesciences



lifesciences_uom

Contact details



ug.lifesciences@manchester.ac.uk



+44 (0)161 275 5032

Petroleum Engineering

Typical offer

A-level AAA–AAB

IB 37–35

IELTS score 6.5 overall with no less than 6.0 in any component

Petroleum Engineering BEng 3yrs

UCAS code H850

Petroleum Engineering MEng 4yrs

UCAS code H851

You might also be interested in...

Chemical Engineering, Chemistry, Earth Sciences and Geology, Engineering and Science with an Integrated Foundation Year

Why Manchester

- Courses accredited by the Energy Institute, giving you partial (BEng) or full (MEng) requirements to register as a chartered engineer
- Computer suites with industry-standard software (provided by Schlumberger), and new analytical laboratories (core petrophysical equipment and PVT fluid analysis laboratory)
- Major oil and gas companies actively recruit our graduates, and offer internships and sponsorship for postgraduate study to exceptional students

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-to-student ratios. You'll be well equipped for a range of careers in the petroleum industry.

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're 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.

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.

Year 4: Students in Year 4 undertake mandatory modules in communication skills and fieldwork, as well as master's-level options in advanced petrophysics, reservoir engineering and petroleum technology. Half of the credits in the fourth year are allocated to an individual research project, which is designed in collaboration with academics in both Earth Sciences and Chemical Engineering.

Skills and job opportunities

Petroleum Engineering at Manchester is recognised as a leading course by international oil companies and a degree awarded here 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.

Find out more



www.manchester.ac.uk/seaes



@UoMSEAES



/manchesterseaes

Contact details



ug-earth-sci@manchester.ac.uk



+44 (0)161 275 0776

Pharmacy with a Foundation Year

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.

IELTS score 7.0 overall

Pharmacy with a Foundation Year MPharm 1+4yrs

UCAS code B231

You might also be interested in...

Life Sciences, Life Sciences with a Foundation Year, Pharmacy

Why Manchester

- Our unique, contextual, data-driven foundation course gives applicants from disadvantaged backgrounds the opportunity to study at a higher education institution
- Comprehensive integrated and inclusive environment provides an excellent footing for further study

Skills and job opportunities

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.

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's registration exam.

On the Pharmacy with a Foundation Year course you'll gain a broad-based, scientifically and clinically strong education in pharmacy, which has enabled our graduates to enter all areas of the profession.

Find out more



www.manchester.ac.uk/pharmacy/undergraduate

Contact details



ug-pharmacy@manchester.ac.uk



+44(0)161 275 2411

Pharmacy

Typical offer

Due to the detailed nature of entry requirements for the Pharmacy MPharm, 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.

IELTS score 7.0 overall

Pharmacy MPharm 4yrs

UCAS code B230

You might also be interested in...

Life Sciences, Medicine, Pharmacy with a Foundation Year

Why Manchester

- You will be a member of the Manchester Pharmacy School, ranked as the fifth best pharmacy/pharmacology department in the world (QS World University Rankings 2014)
- You will be part of a School with a distinguished history: the first UK university to award degrees in pharmacy

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's registration exam.

Manchester offers 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 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 Medicine's options, as well as selecting a research project.

You'll learn via 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 practical classes and practical examinations. Your final degree mark is based on the results of examinations in every year, and on your Year 4 project.

Skills and job opportunities

You'll gain a broad-based, scientifically and clinically strong education in pharmacy, which has enabled our graduates to enter all areas of the profession.

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.

Find out more



www.manchester.ac.uk/pharmacy/undergraduate

Contact details



ug-pharmacy@manchester.ac.uk



+44(0)161 275 2334

Philosophy

Typical offer

A-level A*A*A–ABB
IB 39–34

IELTS score 6.5 overall with no less than 6 in any component.

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 3yrs

UCAS code F3V5

Physics with Philosophy MPhys 4yrs

UCAS code F3VM

Social Anthropology and Philosophy BASS 3yrs

UCAS code LV65

Sociology and Philosophy BASS 3yrs

UCAS code LV35

Many of these courses can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Economic and Social Sciences, Mathematics, Physics and Astronomy, Politics, Philosophy and Economics, Social Sciences

Why Manchester

- Lively, student-led societies (PhilSoc and PhilChat) meet weekly to host debates, discussion groups, parties and film showings
- Past 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? Could a machine think or have feelings? What makes an artwork beautiful? Are any sorts of behaviour objectively right or wrong?

Such philosophical questions are fundamental to our ordinary 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 of 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 but also imaginatively.

Manchester has one of the largest philosophy departments in the UK, with 14 members of permanent academic staff who are internationally recognised researchers publishing their work in journals and books and giving talks around the world. We have specialists in both the philosophy of art and the philosophy of science.

Relations between staff and students are friendly and relaxed, supported by our highly successful personal tutoring and mentoring schemes. We're proud of our cooperative and supportive environment that promotes a spirit of open enquiry and intellectual rigour for our students.

What you study

Year 1: Ground yourself in philosophical traditions, themes and problems. If you've previously studied philosophy, you'll discover something new; if you haven't, you'll develop a solid 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

Our philosophy degrees are rich in transferable skills, including the ability to think critically, present your ideas clearly and succinctly, develop creative solutions to problems and present a reasoned argument.

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 human resources. More than 20% of our graduates pursue postgraduate or further study.

Find out more



www.manchester.ac.uk/philosophy



@MancPhilosophy

Contact details



socialsciences@manchester.ac.uk



+44 (0)161 275 1473 / 4748

Physics and Astronomy

Typical offer

A-level A*A*A–A*A including Physics and Mathematics

IB 39–38 with 776 in higher subjects including Physics and Mathematics

IELTS score 6.0 overall with no less than 5.5 in any component

Physics BSc 3yrs

UCAS code F300

Physics MPhys 4yrs

UCAS code F305

Physics with Astrophysics BSc 3yrs

UCAS code F3F5

Physics with Astrophysics MPhys 4yrs

UCAS code F3FA

Mathematics and Physics BSc 3yrs

UCAS code FG31

Mathematics and Physics

MMath&MPhys 4yrs

UCAS code FG3C

Physics with Philosophy BSc 3yrs

UCAS code F3V5

Physics with Philosophy MPhys 4yrs

UCAS code F3VM

Physics with Theoretical Physics BSc 3yrs

UCAS code F345

Physics with Theoretical Physics MPhys 4yrs

UCAS code F346

Many of these courses can be studied for an additional year with:

 study abroad

 a modern language

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Computer Science, Electrical, Electronic and Mechatronic Engineering, Engineering and Science with an Integrated Foundation Year, Mathematics, Philosophy

Why Manchester

- We have a consistently high record of student satisfaction that has resulted in a score of 94% averaged over all years of the National Student Satisfaction Survey
- Our research has led to the School being ranked as the 13th best physics department in the world in 2013 and 2014
- Our varied and successful research portfolio supports a very broad undergraduate curriculum covering all areas of physics with lots of choice and flexibility.

The reputation of Physics at Manchester rests equally on teaching and research, established by many eminent physicists, including 13 Nobel Prize winners. Professors Geim and Novoselov are the most recent of these and are continuing their pioneering work on graphene and other two-dimensional materials.

Physics is the most fundamental of the sciences and a Manchester degree will lead to 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.

What you study

The first two years of the physics programme follow an integrated approach providing a foundation in classical physics (for example, dynamics, waves, electromagnetism and thermal physics) and introducing new concepts such as relativity, quantum mechanics and cosmology.

In Years 3 and 4, this core framework can be applied to a diverse range of topics covering particle and nuclear physics; lasers and photonics; biophysics; stellar evolution; radio astronomy; superconductors and super fluids; and more advanced aspects of theoretical physics.

Physics is driven by the interplay between theory and experiment. In our well-equipped teaching laboratories, students begin learning basic experimental skills. The development of laboratory skills gradually allows the inclusion of more extensive experiments and, in Year 4, research projects that are based within the School's research groups.

Our state-of-the-art facilities for teaching have been enhanced by a recent £75 million building refurbishment and extension.

Students may follow either a three-year BSc or a four-year MPhys degree in most of our courses. Physics with Study in Europe involves development of modern language skills and Year 3 is spent studying physics at a university in Europe. Other study abroad opportunities are available to all students on MPhys courses.

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. These cover occupations in science, technology and computing, from PhD research to many types of technologists, computer programmers and engineers.

Many graduates harness their analytical and numerical skills in commercial, financial, actuarial and business sectors, pursuing careers in management, banking, marketing and more.

Find out more



www.manchester.ac.uk/physics

Contact details



ug-physics@manchester.ac.uk



+44 (0)161 275 4210

Planning and Environmental Management

Typical offer

A-level ABB

IB 34

IELTS score 6.5 overall, with 6.5 in writing and no other component below 6.0

Environmental Management BA 3yrs

UCAS code F851

Urban Studies BSc 3yrs

UCAS code K421

Urban and Regional Planning BA 3yrs

UCAS code P345

Master of Planning (MPlan Integrated Master's) 4yrs

UCAS code K401

Master of Planning with Real Estate (MPRE Integrated Master's) 4yrs

UCAS code 1G23

Many of these courses can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Architecture, Civil Engineering, Environmental Science, Geography

Why Manchester

- Degrees accredited by professional bodies, including the Royal Town Planning Institute (RTPI) and the Royal Institute for Chartered Surveyors (RICS)
- Field trips throughout your course, including residential field trips in the UK and overseas
- Develop your practical skills in our project studio complete with drawing facilities, our model-making workshop and computer suites with specialist design and spatial analysis software

How do communities and places in which we live develop? Who decides what kinds of development takes place and where? How do policy decisions impact upon the state of the environment in our neighbourhoods – or indeed the planet – and how are these decisions made?

To tackle these challenging questions, we need to understand the complex structures and relationships that bind together the economy, society and the environment. This requires engagement with a range of debates,

including the management of biodiversity and climate change impact, community development, social justice, economic development, urban design, infrastructure development, the management of rural areas, regeneration, housing, and job creation.

Manchester is one of the longest established and largest professionally recognised planning schools in the UK, renowned internationally for our teaching and the quality of our research. Covering urban regeneration and development, urban design, real estate, environmental management and assessment, we place a strong interdisciplinary emphasis on our work, with our academics working across a number of teaching and research areas.

Manchester is a great place to study planning and environmental management. It was the world's first industrial city and is now a vibrant 21st century metropolis.

What you study

Year 1 in all courses gives you a broad introduction to ongoing debates in planning, environmental management, real estate and urban studies. Fieldwork is an integral part of all our courses, giving you the opportunity to explore real-life planning and environmental management issues.

Environmental Management

Concerns the management of environmental resources and the way in which human societies interact 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. Throughout your degree, you'll focus on understanding environmental processes and their management by combining classroom-based learning with practical field study. Course units include: Environment and Society; Landscape Ecology; History of Climate Change; and Environmental Law.

Urban Studies

Focus on 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 both theory and practice-based elements. Core and optional units provide a flexible approach to the study of cities and regions. Course units include: Cities and Society; Urban and Regional Policy; Community Development; and Introduction to Property Development.

Urban and Regional Planning

This three-year degree provides basic academic and professional training in planning. It is partially accredited by the Royal Town Planning Institute (RTPI). You will consider the issues faced by professionals in dealing with the planning and management of all aspects of our built and natural environments. The curriculum is the same as that for the first three years of our four-year Master of Planning. Course units include: Urban Policy and Politics; Rural Management; Planning Law, Infrastructure and Spatial Planning; and Sustainable Communities.

Master of Planning

Gain both academic and professional training in planning on this four-year enhanced undergraduate degree which is accredited by both the RTPI and Royal Institution of Chartered Surveyors (RICS). The curriculum for the first three years is the same as that for our BA Urban and Regional Planning (above). Year 4 units include: International Planning; Environmental Impact Assessment; Urban Design; and Urban Redevelopment.

Master of Planning with Real Estate

Gain both academic and professional training in planning, real estate and property development on this four-year enhanced undergraduate degree. Accredited by both the RTPI and RICS, it covers a wide range of subjects including 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 the RTPI membership is based in the private sector.

Our graduates are popular with employers, particularly in consultancy, 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.

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 will prepare you for other careers.

Find out more



www.manchester.ac.uk/planning

Contact details



ug-planningem-admissions@manchester.ac.uk



+44 (0)161 275 0969

Politics and International Relations

Typical offer

A-level AAB–ABB
IB 35–34

IELTS score 6.5 overall with no less than 6.0 in any component.

Politics and International Relations
BSocSc 3yrs

UCAS code L200

Business Studies and Politics BAEcon 3yrs

UCAS code NL12

Economics and Politics BAEcon 3yrs

UCAS code LL12

Politics and Criminology BASS 3yrs

UCAS code LM29

Philosophy and Politics BASS 3yrs

UCAS code VL52

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

Many of these courses can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Economic and Social Studies, History, Law, Politics, Philosophy and Economics, Social Sciences

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's Sir Bernard Crick Prize for Outstanding Teaching (2005, 2011)
- More than 45 research-active teaching staff offer you unrivalled depth and breadth of expertise

Politics and international relations is the study of political institutions, actors and processes, and the examination of power – how it's attained and what it's used for.

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.

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 your own areas of interest within them. You'll complete an independent project on a topic of your choosing 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 choosing. 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 skills, including the ability to research, examine and analyse information, think critically, present your ideas clearly and succinctly, demonstrate excellent written and oratory skills, and present a reasoned argument.

Our most recent politics graduates are working at the British Red Cross, the World Health Organization, the United Nations, the World Bank and the BBC, as well as becoming parliamentary researchers, consulting analysts, policy officers and research analysts.

Find out more



www.manchester.ac.uk/politics



@PoliBlogManc

Contact details



socialsciences@manchester.ac.uk



+44 (0)161 275 1473 / 4748

Politics, Philosophy and Economics

Typical offer

A-level AAB

IB 35 (665 at higher level)

IELTS score 6.5 overall with no less than 6.0 in any component.

Politics, Philosophy and Economics
BA 3yrs

UCAS code LV25

This course can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Economic and Social Studies, Economics, Philosophy, Politics and International Relations, Social Sciences

Why Manchester

- 90% of students are in a professional role or postgraduate study six months after graduating
- An active student-led society hosts academic and career events sponsored by Deloitte, as well as regular social events

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 deep philosophical questions of metaphysics, ethics and the 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 with

the requisite knowledge to make informed decisions about your course choices. 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 again split equally, but you have more freedom to choose units that reflect your developing interests.

Year 3: You may choose to concentrate on two of the three disciplines, pursuing in depth 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 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, the United Nations, the US Congress, and the Adam Smith Institute, as financial analysts, graduate economics advisors, parliamentary assistants, policy advisors and assistant editors.

Find out more



www.manchester.ac.uk/subjects/politics



www.manchester.ac.uk/policy



www.manchester.ac.uk/ppe

Contact details



socialsciences@manchester.ac.uk



+44 (0)161 275 1473 / 4748

Psychology

Typical offer

A-level AAA–AAB

IB 37–33 (665 at higher level)

IELTS score 6.5 overall

Psychology BSc 3yrs

UCAS code C800

Cognitive Neuroscience and Psychology BSc 3yrs

UCAS code BC18

For Cognitive Neuroscience and Psychology see Life Sciences.

Many of these courses can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Life Sciences, Social Anthropology

Why Manchester

- You'll be taught by world-renowned psychological scientists and clinicians
- You'll have access to state-of-the-art laboratory facilities allowing you to address the most important questions about brain and behaviour
- Our Psychology BSc degree is accredited by the British Psychology Society

Study at the UK's oldest school of psychology, which appointed the first Professor of Psychology in 1919, in a city where the discipline of psychology itself has its roots.

You'll have access to varied, cutting-edge topics on our challenging course. You'll learn the core material stipulated by the British Psychological Society, with a focus on areas where our research is strongest. This means you'll not only develop all the core skills, but also get the most up-to-date thinking and ideas in this exciting subject.

What you study

Years 1 and 2: Study compulsory units, gaining a thorough overview of the central theoretical ideas and empirical findings in psychology. Gain experience of group working and presenting, research methods, statistics and the use of computers. Undertake a short (30-hour) work placement in Year 2 to gain experience of working in a particular sector or role.

Year 3: Choose from a wide range of course units. Carry out a research project on a topic of your choice, supervised by a member of staff, leading to a written report and presentation at the end of the year. (Some of our students have gone on to publish their final-year project in scientific journals.)

Undertake thorough training in the skills required to carry out psychological investigations via practical classes, instruction in computing and statistics, and your research project.

Psychology BSc has a four-year variant where you spend Year 3 away from the University on the Study Abroad pathway. You may be considered for this at the end of Year 2.

Skills and job opportunities

You'll gain a good range of academic and transferable skills that are attractive to employers across a range of employment sectors, including presentation skills, project management, group-working, data analysis skills, analytical thinking and research skills.

Graduates from our courses currently hold positions in diverse areas of employment such as PR, marketing, media, accountancy, teaching, health care and social work.

Find out more



www.manchester.ac.uk/psych-sci



www.psychologyatmanchester.edublogs.org



@PsychManchester

Contact details



ug-psychology@manchester.ac.uk



+44 (0)161 275 8584

Religions and Theology

Typical offer

A-level ABB–BBB

IB 34–31 (including 665 at higher level)

IELTS score Minimum of 7.0

Religions and Theology BA 3yrs

UCAS code V600

Comparative Religion and Social Anthropology BA 3yrs

UCAS code VL66

Theological Studies in Philosophy and Ethics BA 3yrs

UCAS code V610

Many of these courses can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Philosophy, Social Anthropology

Why Manchester

- You'll be taught by scholars of international standing who are linguists, anthropologists, theologians of several religions, philosophers, historians and critical theorists
- Our diverse collection of study options is supported by the unique resources of The University of Manchester Library, one of the best academic libraries in the country
- We offer you an unparalleled opportunity to study a range of religious traditions and theologies in the context of a vibrant, multi-religious city

We offer you the opportunity to engage with a wide range of religious traditions, covering all periods up to the present day, supported by our culturally rich location and the academic expertise of our recognised international centre of excellence. By studying with us you'll benefit from having the vibrant, multicultural, 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 take units in 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.

Religions and Theology at Manchester achieves consistently high student satisfaction ratings: currently, 93% overall, including 97% for Religions and Theology, and 100% for Theological Studies in Philosophy and Ethics (National Student Survey 2014).

What you study

Comparative Religion and Social 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 fascinating 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 the scriptures in their original language.

Theological Studies in Philosophy and Ethics

Delve into theology and explore how it impacts on philosophy and ethics. You'll 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'll 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. Six months after graduation 95% of our religions and theology students are in work or continuing their studies (National Student Survey 2014).

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 both in the UK and further afield.

Find out more



www.manchester.ac.uk/religion



@UoMReligion



/Religion.Manchester



/uomreligion



www.manchesterreligionsandtheology.wordpress.com

Contact details



ug-realth@manchester.ac.uk



+44 (0)161 306 1252

R

Russian and East European Studies

Russian Studies is part of Modern Languages – find out more about Modern Languages courses on p96.

S

Social Anthropology

Typical offer

A-level ABB
IB 34

IELTS score 6.5 overall with no less than 6.0 in any component.

Social Anthropology BSocSc 3/4yrs
UCAS code L600

This course can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Archaeology, Economic and Social Studies, Philosophy, Psychology, Religions and Theology, Social Sciences

Why Manchester

- Opportunities for hands-on training in visual anthropology, with access to an unrivalled library of ethnographic film at the Granada Centre for Visual Anthropology
- Consistently high student satisfaction rating; currently 93% (National Student Survey 2014)
- Opportunity to broaden your experience with a year abroad at one of our partner universities

Social anthropology is the comparative study of culture, essentially asking what it means to be human. Contemporary anthropology is a critical discipline that tackles an enormous variety of topics. You could 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 socially and culturally complex world.

Social Anthropology at Manchester 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, and 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 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 your theoretical and methodological training from 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 student support workers.

Find out more



www.manchester.ac.uk/social-anthropology



@UoMAnthropology



/ManAnthropology

Contact details



socialsciences@manchester.ac.uk



+44 (0)161 275 1473 / 4748

S

Social Sciences

Typical offer

A-level ABB

IB 34

IELTS score 6.5 overall with no less than 6.0 in any component.

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

Many of these courses can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Law, Philosophy, Politics and International Relations, Social Anthropology, Sociology

Why Manchester

- Extensive choice from more than 260 course units enables you to create a degree course that suits your individual 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, via an integrated set of course units and paid work placement opportunities at organisations including the World Bank and YouGov

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 what to specialise in. You'll be able to find connections and 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 world from a 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). You'll 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 and transferrable skills, such as the ability to think critically, present your ideas clearly and succinctly, develop creative solutions to problems, and present a reasoned argument.

Our first cohort of BASS students graduated in summer 2015. Our most recent graduates from the Single Honours Social Sciences course that we previously offered 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.

Find out more



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

Contact details



socialsciences@manchester.ac.uk



+44 (0)161 275 1473 / 4748

Sociology

Typical offer

A-level AAB–BBB

IB 35–32

IELTS score 6.5 overall with no less than 6.0 in any component

Sociology BSocSc 3yrs

UCAS code L300

Business Studies and Sociology

BAEcon 3yrs

UCAS code NL13

Economics and Sociology BAEcon 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

Many of these courses can be studied for an additional year with:



study abroad

For a full list of course options and UCAS codes see the index at the back of this prospectus.

You might also be interested in...

Law, Philosophy, Politics and International Relations, Social Anthropology

Why Manchester

- Consistently high student satisfaction rates: currently 96% (National Student Survey 2014)
- More than 45 members of research-active teaching staff; the department was ranked second nationally for research power in the 2014 Research Excellence Framework
- Celebrated 50 years of Sociology at Manchester in 2014

Sociology looks at how society works. It's 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 solid 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 choosing, 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 and transferable 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; and the ability to plan, 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.

Find out more



www.manchester.ac.uk/sociology



@MCRSociology

Contact details



socialsciences@manchester.ac.uk



+44 (0)161 275 1473 / 4748

S

Spanish, Portuguese and Latin American Studies

Spanish, Portuguese and Latin American Studies is part of Modern Languages – find out more about Modern Languages courses on p96.

T

Textiles

Typical offer

A-level AAB–ABB
IB 35–33

IELTS score 6.0 overall with no less than 5.5 in any component

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

Many of these courses can be studied for an additional year with:



study abroad



industrial experience

For a full list of course options and UCAS codes see the index at the back of this prospectus.

Why Manchester

- All courses accredited by the Textile Institute
- Strong links with industry and an outstanding graduate placement record over many years
- Annual Made in Manchester event promotes student placements and graduate opportunities in the competitive field of fashion, attracting large and prestigious companies such as Next, Tommy Hilfiger and Arcadia

You might also be interested in...

Business Studies and Management, Materials Science

The dynamic nature of today's global fashion and textiles industries requires graduates with a wide range of skills who are highly creative and flexible. Fabrics have to be designed then created. Textile design, manufacturing and testing is a complex science; 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 people 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.

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 understanding of the fundamental properties of textile products 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 with course units such as fashion marketing and retail, fashion function and aesthetics, garment technology and management for the apparel pipeline. You'll study your chosen specialism in subsequent years of study.

You'll develop many skills that are easily transferrable and highly desirable to employers, including data analysis, forecasting, management and marketing, as well as key skills in textile technology.

Skills and job opportunities

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. Recent employers 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. Recent employers include Marks and Spencer, Speedo, Nike, Hugo Boss, Heathcoat Fabrics, Autoliv AB, Clear Edge Filtration, Unilever, The British Museum, Clariant and Heimbach.

Find out more



www.manchester.ac.uk/materials



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Contact details



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Course title	UCAS code	Page	Course title	UCAS code	Page
Physics with Philosophy (4 Years) [MPhys]	F3VM	102, 104	S	Science with an Integrated Foundation Year (4 or 5 Years)	F008 76
Physics with Study in Europe (4 Years) [MPhys]	F301			Social Anthropology (3/4 Years) [BSocSc]	L600 111
Physics with Theoretical Physics (3 Years) [BSc]	F345	104		Social Anthropology and Criminology (3 Years) [BASS]	LM69 112
Physics with Theoretical Physics (4 Years) [MPhys]	F346	104		Social Anthropology and Philosophy (3 Years) [BASS]	LV65 102, 112
Physiology (3 Years) [BSc]	B120	88		Social Anthropology and Quantitative Methods (3 Years) [BASS]	S456 112
Physiology (4 Years) [MSci]	3A48	88		Social Anthropology and Sociology (3 Years) [BASS]	LL63 112, 113
Physiology with a Modern Language (4 Years) [BSc]	B122	88		Sociology and Criminology (3 Years) [BASS]	LM39 112, 113
Physiology with Industrial/Professional Experience (4 Years) [BSc]	B121	88		Sociology and Philosophy (3 Years) [BASS]	LV35 102, 112, 113
Plant Science (3 Years) [BSc]	C200	88		Sociology and Quantitative Methods (3 Years) [BASS]	52L8 112, 113
Plant Science (4 Years) [MSci]	6D43	88		Sociology (3 Years) [B SocSc]	L300 113
Plant Science with a Modern Language (4 Years) [BSc]	C201	88		Software Engineering (3 Years) [BSc]	GG6K 69
Plant Science with Industrial/Professional Experience (4 Years) [BSc]	C202	88		Software Engineering (4 Years) [MEng]	GG64 69
Politics and Criminology (3 year) [BASS]	LM29	106, 112		Software Engineering with Industrial Experience (4 Years) [BSc]	G603 69
Politics and International Relations (3 Years) [BSocSc]	L200	106		Software Engineering with Industrial Experience (5 Years) [MEng]	I300 69
Politics and Modern History (3 Years) [BA]	VL12	82		Spanish and Chinese (4 Years) [BA]	RT41 96
Politics and Quantitative Methods (3 Years) [BASS]	P467	106, 112		Spanish and Chinese [IPML]	TR14 96
Politics and Social Anthropology (3 Years) [BASS]	LL26	106, 112		Spanish and Japanese (4 Years) [BA]	RT42 96
Politics and Sociology (3 year) [BASS]	LL23	106, 112, 113	T	Spanish and Japanese [IPML]	RT4F 96
Politics, Philosophy and Economics (3 Years) [BA]	LV25	107		Spanish and Portuguese (4 Years) [BA]	RRK5 96
Portuguese and Chinese (4 Years) [BA]	RT51			Spanish, Portuguese and Latin American Studies (4 Years) [BA]	RR45 96
Portuguese and Japanese (4 Years) [BA]	TR25				
Psychology (3 Years) [BSc]	C800	108		Textile Science and Technology (3 Years) [BSc]	JJ49 114
R				Theological Studies in Philosophy and Ethics (3 Years) [BA]	V610 109
			U		
Religions and Theology (3 Years) [BA]	V600	109		Urban and Regional Planning (3 Years) [BA]	P345 105
Russian and Chinese (4 Years) [BA]	RT71	96		Urban Studies (3 Years) [BSc]	K421 105
Russian and Chinese [IPML]	TR17	96	Z		
Russian and Japanese (4 Years) [BA]	RT72	96		Zoology (3 Years) [BSc]	C300 88
Russian and Japanese [IPML]	RT7F	96		Zoology (4 Years) [MSci]	3F49 88
Russian and Portuguese (4 Years) [BA]	RR57	96		Zoology with a Modern Language (4 Years) [BSc]	C303 88
Russian and Spanish (4 Years) [BA]	RR74	96		Zoology with Industrial/Professional Experience (4 Years) [BSc]	C301 88
Russian and Spanish [IPML]	RR47	96			
Russian Studies (4 Years) [BA]	R700	96			

Accommodation map

City campus

Victoria Park campus

Fallowfield campus

City Centre

Piccadilly

Oxford Road

Liverpool Lake District 35m 95m

Manchester City Football Club 3m



UNIVERSITY PLACE

City campus

- Manchester Aquatics Centre
- Manchester Museum
- University Library
- SU Students' Union
- Contact Theatre
- Academy
- Whitworth Art Gallery

University Place to Fallowfield
1.7m (2.8 km)
3990 steps
35 mins at medium pace

University Place to Opal Gardens
1.1m (1.8 km)
2600 steps
22 mins at medium pace

University Place to Weston Hall
0.6m (1 km)
1425 steps
12 mins at medium pace

Manchester Airport 9m 36m Chester

Hall of residence

97	Denmark Road	M15 6GQ
93	George Kenyon Hall (PG)	M13 9PY
80	Horniman House	M13 9NT
85	Opal Hall (PG)	M15 6BB
11	Weston Hall	M1 3BB
9	Wright Robinson Hall	M1 7JA
82	Whitworth Park	M13 9WJ

Postcode

Hall of residence

106	Burkhardt House	M14 5RR
101	Canterbury Court	M14 5BX
102	Dalton Ellis Hall	M14 5RL
105	Hulme Hall	M14 5RR
104	Opal Gardens	M14 5ES
107	St Anselm Hall	M14 5BX
108	St Gabriel's Hall	M14 5RP
121	Victoria Hall	M13 0FZ

Postcode

Hall of residence

109	Allen Hall	M14 6HT
111	Ashburne Hall	M14 6HP
117	Firs Villa (PG)	M14 6YY
113	Linton House	M14 6EQ
115	Oak House	M14 6HX
114	Owens Park	M14 6HD
116	Richmond Park	M14 6YY
112	Sheavyn House	M14 6HP
118	Woolton Hall	M14 6WS

Postcode

PG = postgraduate

City map

● Market Street, the Cathedral Quarter and Manchester Arndale

At the indoor Arndale mall you can shop at over 240 shops and department stores. Stepping outside, you'll be met by everything from premium department stores such as Harvey Nichols and Selfridges to high street favourites.

● Spinningfields

The business district of the city is home to some of the biggest names in finance and professional services including Barclays, Deloitte and Guardian Media Group. But it's not all about work. You'll also find cocktail bars, restaurants and designer shops here.

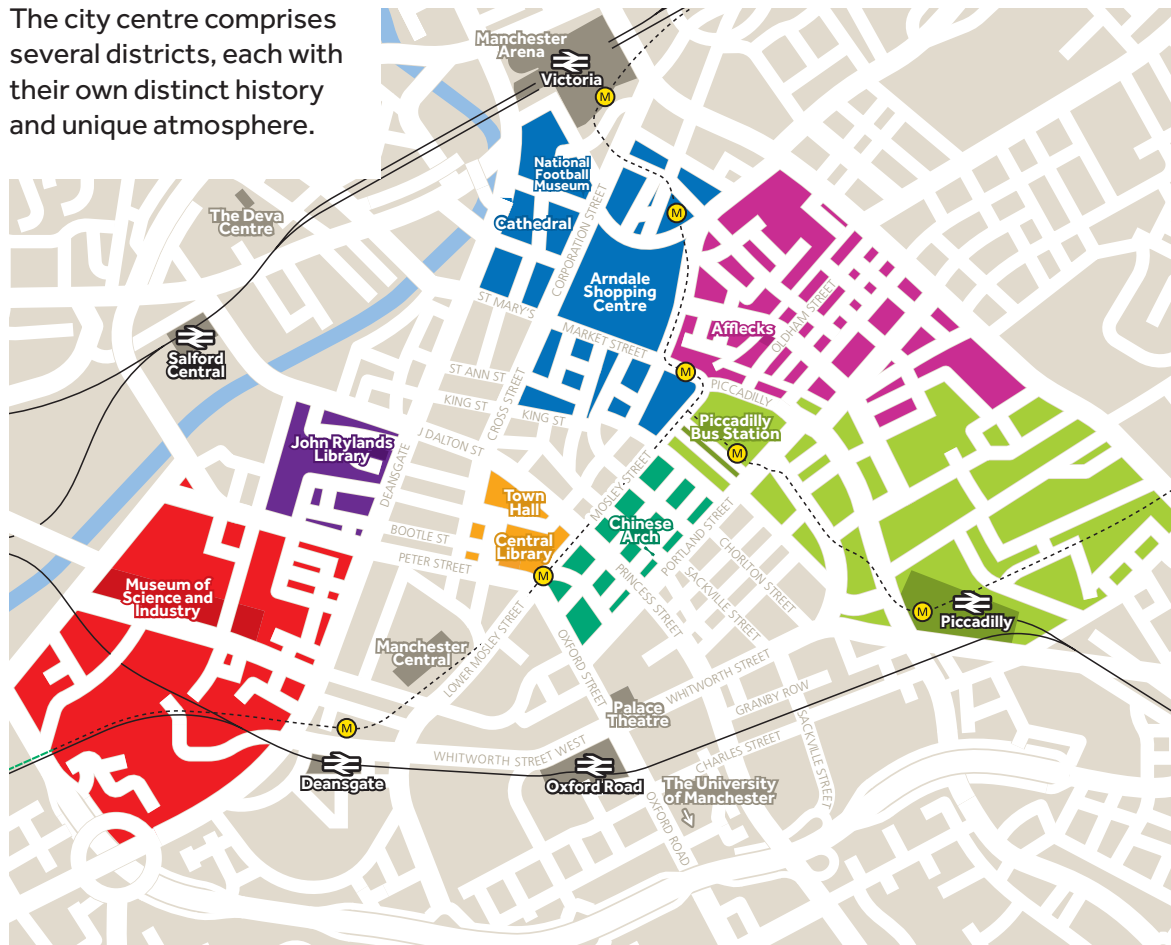
● Albert Square

The impressive 19th-century Town Hall building dominates this square, where many of Manchester's biggest festivals take place, including the Manchester International Festival and the Christmas markets.

● Piccadilly

A great place to start your explorations of the city. You'll find the main train, bus and tram stations here as well as the Visitor Information Centre.

The city centre comprises several districts, each with their own distinct history and unique atmosphere.



● Chinatown

Manchester's Chinatown is an ever popular destination with countless restaurants, Asian supermarkets, events and festivals all year round.

● The Northern Quarter

Vintage fashion boutiques, cafes, fashionable bars, music venues and the indoor markets at Afflecks make this the independent heart of Manchester.

● Castlefield

An inner-city conservation area where you'll find a Roman fort, brick warehouses, cobbled streets and the world's oldest industrial canal.

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M1276 06.15

