



MANCHESTER
1824

The University of Manchester

MANCHESTER

UNDERGRADUATE
INTERNATIONAL
PROSPECTUS 2017 ENTRY

Manchester

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As well as reading this prospectus...



-  www.manchester.ac.uk
-  [@AdmissionsUoM](https://twitter.com/AdmissionsUoM)
-  [/AdmissionsUoM](https://www.facebook.com/AdmissionsUoM)
-  manchesterstudentblogs.wordpress.com

For enquiries on specific courses
Contact the admissions office for the relevant subject area. Contact details are in our course listings pages, which start on 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 to know us before you apply



Find out more about university life in the UK and studying at The University of Manchester by joining the University of Manchester Aspiring Students' Society (UMASS).

You'll receive a monthly e-newsletter and get access to exclusive online content covering topics including:

- choosing a course and university;
- UCAS and personal statements;
- admissions tests and interviews;
- university life;
- employability.

You'll also be able to listen to podcasts, read student blogs and more.

 www.manchester.ac.uk/umass



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're the **most targeted university** by the UK's top **100 graduate employers**.*

Discover how you can boost your employability – p20.

2

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

Explore the city of Manchester – p42.

3

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.

4

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

Find out how we'll support you – p32.

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.

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 – p14.

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.

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 – p24.

9

We're **investing £1 billion** in the transformation of our campus and facilities.

Explore our historic yet ever-evolving campus – p26.

10

You could join the **UK's biggest students' union**, where you'll find an unrivalled range of exciting social and extracurricular opportunities, including **many international societies**.

Get to know our Students' Union – p38.

And we're not standing still. We've leapt from 78th to 41st in the past 12 years in the Academic Ranking of World Universities – and we aim to be recognised as one of the 25 leading universities in the world. 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.



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).

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.



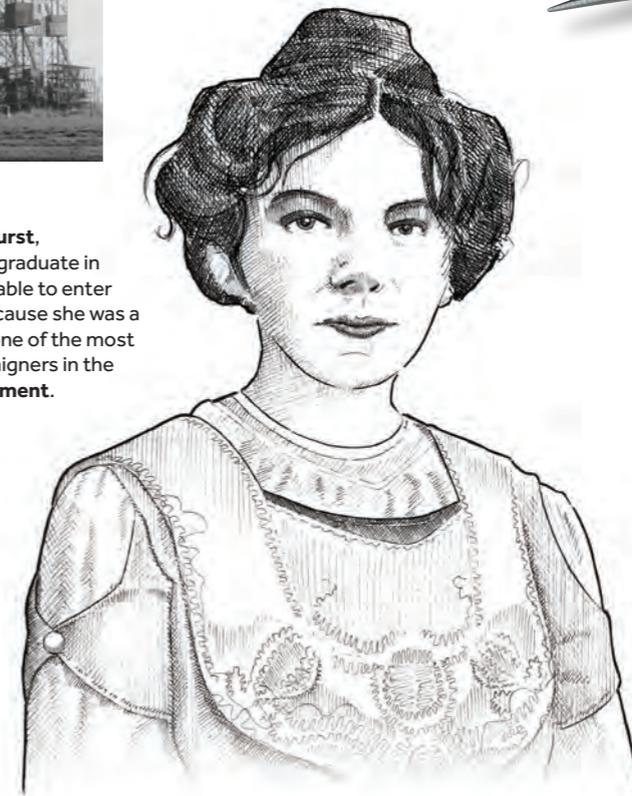
► Manchester is the **birthplace of nuclear physics**. **Ernest Rutherford's** work here between 1907 and 1919 led to the splitting of the atom.

www.manchester.ac.uk/heritageheroes



▲ 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.

► **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**.



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 330,000 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.



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 offers one of the most holistic university experiences – 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!



Sajeda Barni

Reservoir engineer
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 has helped me a lot when looking to start my career back home in Bahrain. It distinguished me from other graduates through both my knowledge and the soft skills I gained.

Mark Szepes

Associate lawyer
Kerfoot Burroughs LLP
LLB Law, 2012

The thing that I'll always remember about Manchester is the people. The staff care. They go above and beyond, giving you the tools to thrive.

The students are highly motivated, working together to create a culture of success. Since I've returned to Canada I've been in regular contact with other alumni.

Manchester changed me. I became more engaged and more aware of how to work efficiently. I developed leadership and mentoring skills and realised the importance of community in academic, social and athletic activities with people who made me better for having met them.

They inspired me to never compromise in my passions and goals.



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

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 the University I've 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!



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.

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 230 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 on society 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. Our links with NHS organisations and cancer charities – as well as the support of the local population – make for an unrivalled beacon of research.



www.manchester.ac.uk/beacons

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 teamworking is the basis of discovery and innovation
- Become part of something bigger – learn from discussions that could change the world

www.manchester.ac.uk/research

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 inspired and encouraged to push yourself by tutors who in many cases 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.

Outstanding learning facilities

We've invested more than £750 million into **excellent resources and facilities** over the past 12 years – 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're required to spend fewer than 13 years at school, and have not taken A-levels or

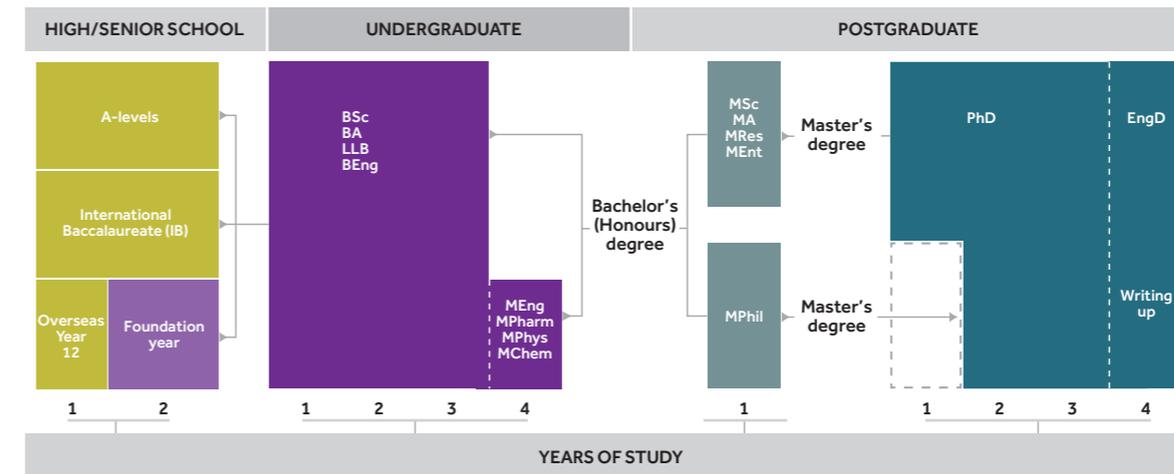
the International Baccalaureate Diploma, it's likely that you'll need to complete a foundation course before you enrol for a UK university degree.

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 Engineering and Science. Life Sciences and Pharmacy foundation courses are delivered by the University at nearby Xaverian College. For details of these courses see p78, p90 and p104.

English education system flowchart



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 to (or, in the case of biological sciences and pharmacy, an interview for) 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.intohigher.com/manchester

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/foundationcourses

Broaden your studies

As the largest campus-based university in the UK, our breadth of knowledge and expertise is unparalleled. To help you make the most of the unique opportunity this affords you, we offer a choice of pioneering course units drawing on our interdisciplinary excellence, which you could take as part of your degree.

Take diverse course units

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

UCIL units are available as part of most courses. Please contact the relevant School to check if your course participates.



Benefits of interdisciplinary study

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

Examples of course units

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



Prove your ability with a prestigious award

Graduate recruiters look for evidence that makes you stand out from the crowd. Combining academic study with hands-on extracurricular experience, University College awards

give you that proof. Developed in collaboration with graduate recruiters, they are specifically designed to broaden your skill set and make you more employable. We offer

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

What our students say

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

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

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

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

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 our local 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. This is a highly cost-effective way of developing key skills in a commercial environment as your tuition fees for a year in industry will be lower and, if you have one, you may still be able to receive your student loan. Most year-in-industry opportunities also offer a salary, which will help you with the cost of living.
- **Work experience as part of an optional course unit** – many courses allow you to take interdisciplinary course units run by our University College for Interdisciplinary Learning as part of your degree, some of which include hands-on experience working in industry or in the community.



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



Muhammad Arsam Shaheen

BEng Electrical and Electronic Engineering

Prepare for your ideal career with industrial experience

Muhammad came to Manchester from Pakistan but his journey has also taken him to Bristol, where he spent his industrial year working for the aircraft manufacturer Airbus. The experience has pushed Muhammad to be his best in the workplace and in his studies, and has given him the confidence to aim high in his future career.



On making an impact...

At Airbus I worked on aircraft development. I was part of a team that analysed the net effects of improvements made to the plane's components. My contribution was vital to their ability to make key design decisions and ultimately influenced the overall success of the business.

I enjoyed the responsibility. For one project, I oversaw the implementation of a new software system that's now used by more than 100 employees. I developed a training program, worked one-on-one with employees and introduced an incentive program to ensure that they stay up to date with the software. It was the first time I was a project lead in the corporate environment, which was terrifying at first! But I enjoyed the challenge – and I learnt more during this project than at any time before.

On learning new skills...

The real-world experience of how the theory on my course applies in a practical business environment has been invaluable. I'm now better at solving problems, working in teams and communicating with individuals from different backgrounds.

On returning to study...

I'm hoping to build on aspects of my placement to create my final-year project. An added bonus is that I'll be better equipped for my final year because of the knowledge I've gained and the time-management skills I picked up during the placement.

On the benefits for employability...

As more and more people look to university to further their career, the importance of work experience has never been greater.

I've learned so much and acquired so many skills. I've a greater awareness of current developments in the sector as I've met and worked directly with people in my ideal career. And the teamwork and interpersonal skills I've developed have made me a more rounded candidate for any employer.

On the overall experience...

Getting work experience in the UK will strengthen your CV and make you more attractive to employers here, in your home country, or elsewhere. If you can't get relevant experience for your preferred career, or are unsure of your



career direction, then any workplace experience is valuable as you can still develop transferable skills.

Performing well on a work placement can often lead to a firm job offer. Even if it doesn't, the contacts you acquire may well be able to help you progress into your chosen career.

The additional skills and knowledge you gain during a work placement can often be directly applied to your studies and this can lead to better grades. This in turn will help you progress to the next stage of your career path.

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** (High Fliers Research 2016). The University is also **placed 24th worldwide** in the latest *Times Higher Education* Global Employability University Rankings.

“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.

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 p17).

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 integrated placements** to give you a head start with employers;
- an **online vacancies and events database** used by thousands of employers;

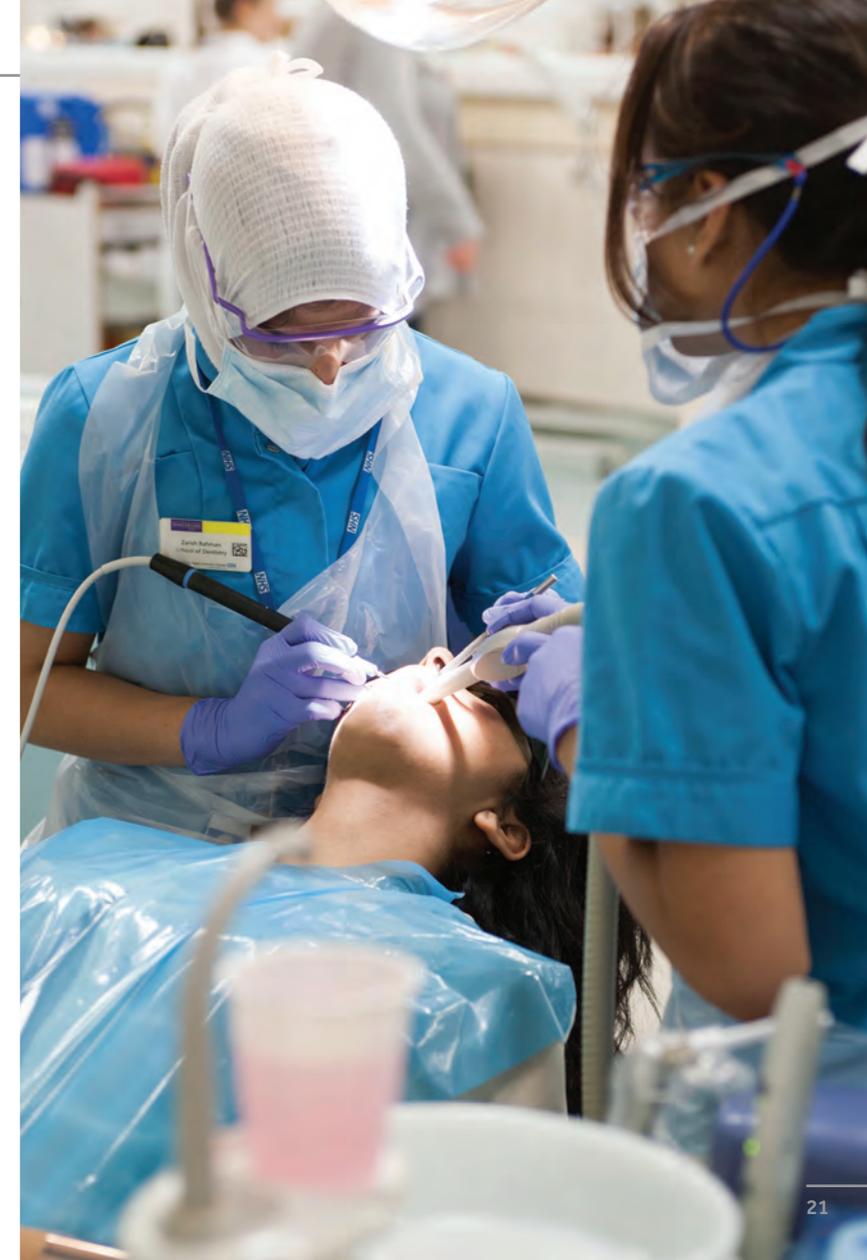
- **one-to-one career mentoring** with experienced professionals across career sectors;
- **regular career fairs, presentations, webinars and workshops** where you can meet, learn from and connect with potential employers from a broad range of countries and sectors;
- **news, information and events** 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.

With one of the largest university careers services, we're able to offer careers consultants dedicated to each Faculty and School who'll work hard to help you take control of your future.

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.

www.manchester.ac.uk/careers/international





Kush Bhatia

BSc International Business,
Economics and Finance

Take advantage of outstanding careers support

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

On his summer internship

I spent my summer break in the US as part of an internship I secured through the Careers Service. It was a market research project at a global food manufacturing company. The project looked into the different styles of pizza across the US, so I got to eat a lot of pizza! It was really good fun.

"It was a long process, with the application and interviews, but it was definitely worth it.

On finding a job

The Careers Service is always posting vacancies online, and there's a direct link to this from the University's online learning portal, Blackboard. Their listings include everything – summer internships, short-term opportunities and full-time graduate roles – so it's really easy to find the kind of thing you want.

It's well organised and convenient. I'd recommend that any student make the Careers Service the first



place they look when seeking their ideal opportunity.

On careers support

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

The Careers Service even offers a range of support tailored to international students, such as career fairs, advice on searching for jobs around the world and events specific to individual countries. "I think the Careers Service is really important – eventually all students have

to make a decision about what they want to do after university. The Careers Service guides you through the process of finding the right job for you.

On other ways to boost his CV

Since my return from my internship, the staff at the Careers Service have stayed in constant touch with me. They email me every month with details of opportunities that I could take in the summer or even part-time during the semester to enhance my overall student experience.

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

Make a difference

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.



Volunteer your time and skills

Make our volunteering website your first port of call, where you can find out about a range of opportunities on campus, locally and internationally, as well as getting information, advice and support. There's a massive array of opportunities at Manchester. Here's a taster:

- **Volunteer with one of our partner organisations in the community** – these include the British Heart Foundation, Girlguiding, Incredible Edible and many more
- **Student Action** – volunteer in our local community with this student society. You could work with children,

the homeless, the elderly or people with learning disabilities, or support environmental initiatives

- **Sports Volunteer Scheme** – develop skills by helping people get active; participate in sport and physical activity with local schools, sports clubs and charities; or assist at prestigious local sporting events
- **Peer support** – train to become a student mentor, or to run fun and focused academic sessions for lower-year students
- **Green Impact** – volunteer on environmental sustainability initiatives at the University

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

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

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

www.manchester.ac.uk/volunteers

Confront contemporary issues

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

www.manchester.ac.uk/egc



Vanessa Sing Woon

BSc Management (Marketing)

Give something back – and gain a lot more

When Vanessa arrived in Manchester from Malaysia, she had no idea that she was joining a university that is so committed to social responsibility. She quickly started to make a difference through the Manchester Leadership Programme, which allows you to volunteer while gaining credits for your course, as well getting involved in student societies.

On her volunteering experience...

Since coming to Manchester I've taken the opportunity to volunteer on both University and student-led schemes. I've worked with Manchester Settlement, a social welfare charity founded by the University, and volunteered as a retail assistant at Goodstock, a vintage clothes shop run by the Vinspired, a charity promoting opportunities for young people.

My favourite moment so far was a fundraising event I planned for Unicef on Campus Manchester. It was a bake sale – and I was worried that volunteers might not turn up or the pastries would not sell. In the end we had a really good turnout and we managed to raise a lot of money – it was great!

On the satisfaction she gained from volunteering...

Volunteering has made my time at university more fulfilling. I know I'm making a positive impact on someone else's life.

I'm delighted to study in a place that puts such a great focus on social

responsibility. The University acts as a role model to students in ethical and social matters. I feel that it's an environment that gives students a more holistic education.

On the skills she gained...

Volunteering has definitely helped me to enhance my employability. I've picked up skills such as team-working, time management, organisation and communication, all of which I feel will help impress employers when the time comes to apply for jobs.

On the opportunities for international students...

I'd recommend that any international student should do some volunteering. You'll get to know the local people better and find out what issues they face, the things that they care about and what you can do to help.

I believe that volunteering will change your outlook on society in your home country. Besides that, you'll learn new skills and make a lot of new friends.

Explore our campus

Reaching into the heart of Britain's number one student city, our friendly, self-contained campus brings together a multicultural community of almost 39,000 students from 160 countries to study, relax and get involved in university life. We're investing a massive £1 billion to transform our campus and facilities, creating an optimum and sustainable learning environment for world-class students.

University Place

This central hub and event space houses lecture theatres, teaching rooms, a welcome desk for student enquiries, and several of our student services in the Atrium, where you'll also find comfortable communal space for study and group work.

www.manchester.ac.uk/university



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 mark your achievements when you graduate within the grand Whitworth Hall. www.manchester.ac.uk/historic-buildings



Gilbert Square

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



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. Open 24/7 during term time.

www.manchester.ac.uk/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

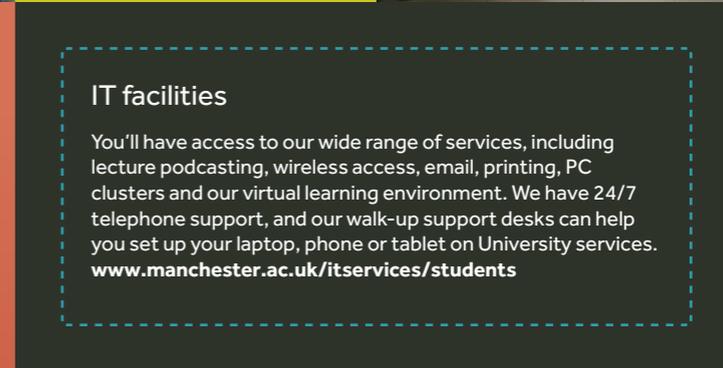
One of only five national research libraries in the country, this is also one of the UK's best-resourced academic libraries, with more than 4.2 million printed books and manuscripts and almost half a million electronic items. A further ten specialist libraries are conveniently located across campus. A redevelopment of the Main Library will begin in 2017 to significantly improve facilities.

www.manchester.ac.uk/library



IT facilities

You'll have access to our wide range of services, including lecture podcasting, wireless access, email, printing, PC clusters and our virtual learning environment. We have 24/7 telephone support, and our walk-up support desks can help you set up your laptop, phone or tablet on University services. www.manchester.ac.uk/itservices/students



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 Whitworth

Also part of the University, one of the city's premier art spaces is based in nearby Whitworth Park. Since its spectacular £15 million refurbishment and relaunch in 2015, the gallery has won many awards, including the Art Fund's Museum of the Year and VisitEngland's Large Visitor Attraction of the Year.
www.manchester.ac.uk/whitworth



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-folio editions of Shakespeare plays, the earliest surviving fragment of the New Testament, and the world's smallest book.
www.manchester.ac.uk/johnrylands



Martin Harris Centre for Music and Drama

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



Manchester Museum

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



Armitage Sports Centre

Indoor facilities here include an air-conditioned fitness suite with free-weights area and a double sports hall. You'll also have access to the most extensive range of all-weather outdoor sports facilities of any UK university, including floodlit 3G and sand-dressed full-size pitches, five-a-side football pitches, tennis courts, and two full-size grass pitches.
www.manchester.ac.uk/armitagesports



Camila Carelli Yamamoto

BSc 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.



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, a fitness suite and a health suite.
www.better.org.uk/mac

Manchester Academy

You'll be hard pressed to think of many major music acts that have not played at our four venues. From Foo Fighters to Kylie, Prince to Lady Gaga, we've had them all, and we continue to fill our venues with a fantastic selection of the best music the world has to offer.
www.manchesteracademy.net



Sugden Sports Centre

The ideal spot to drop in for a workout or fitness class, or compete in an organised sport activity. This centrally based sports centre provides an air conditioned fully equipped fitness suite; activity rooms for group fitness classes, two double sports halls suitable for a range of sports, six squash courts and an outdoor all-weather football pitch.
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 organised. From barbecues to afternoon tea 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.



Riddhi Aggarwal

BSc Psychology

Develop as a student with flexible and powerful learning resources

Riddhi is making the most of the learning facilities at Manchester – she's more likely to be spotted in the 24/7 Alan Gilbert Learning Commons than she is at home. Having come to Manchester from India, she knows first-hand how helpful the University's learning support is to international students.



On the Alan Gilbert Learning Commons and the Main Library...

The Alan Gilbert Learning Commons is like my second home. It's my favourite place on campus – in fact, I think it's probably everybody's favourite place. Sometimes you'll be at home and feel like you don't want to study alone, so you'll go there to be away from distractions and to be around other people. And the Main Library is just opposite, so you can just pop by whenever you need to take out a book.

On the learning support on offer...

There are so many types of help available – I'm sure there are even some that I don't know about. There are always workshops going on in the Learning Commons, on topics ranging from academic referencing to relieving stress during exam time.

I went to a workshop on essay writing to help with my coursework. This was amazing – for some of my friends, English is not their first language, so the workshop was really useful to them. Workshops take place frequently – you just sign up and go.

On academic advisers...

It's really nice to have a member of University staff who's there to help you out with any problem. Back in India, if I went to my teacher with an issue, they'd tell me 'just deal with it!' But academic advisers are happy to help you with anything.

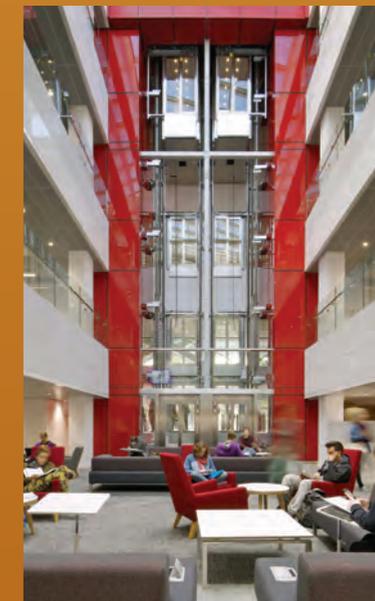
My adviser is really good. This year we've set up regular meetings where we plan out my goals. Knowing that I have to achieve targets before my next meeting makes me feel that I'm making even better progress.

On the John Rylands Library...

The John Rylands Library is located on Deansgate in the city centre, so it's great for when you want a change from campus. There are lots of nice places nearby to go for something to eat if you need a break from your studying. The building is absolutely amazing – it's ancient! I think of it as classic British architecture – it feels really good to be in there.

On peer mentoring...

I'm a coordinator on PASS, the University's peer monitoring scheme.



The scheme is really helpful for students as sometimes you might not want to talk to a member of staff – you just want an informal chat with someone who knows what they're talking about. PASS allows you to talk to a student in the year above you, who'll help you work out any issues.

When I was in my first year, I spoke to my mentor a lot. It was a big step coming to the Manchester from India but my mentor really helped me adjust.

Support

We have nearly 39,000 students from 160 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 you arrive

Studying with us may be your first experience of the UK, so to help you prepare, we send you a step-by-step arrival guide offering detailed advice on all aspects of your journey to Manchester. 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](https://www.facebook.com/OrientationUoM)

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

www.manchester.ac.uk/arrival

At the airport

We run a welcome service for new international and EU students to assist them in travelling to their accommodation at the beginning of the academic year.

Orientation

At the start of each academic year new international students are invited to a comprehensive programme of events 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. Our friendly student ambassadors and staff members are on hand to answer any questions you have once you arrive.

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 Support and Advice Team

The Student Support and Advice Team can help you with issues relating to your studies, money, health and well-being. Our advisers offer confidential appointments and can help you to work through problems, navigate University processes and access specialist services.



Student Services Centre

Our Student Services Centre provides a central point for information and service on a range of practical matters relating to University life, including 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.

www.occhealth.manchester.ac.uk

If you're applying to stay in the UK for six months or longer, then 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 day nurseries are available on campus for children aged up to five years old: Dryden Street Nursery and Echoes Nursery. Both are staffed with trained and experienced personnel.

Religious support

Our campus has a number of places of worship, as well as chaplaincy for those of all faiths and none. We have facilities for Jewish worship and an Islamic Prayer Centre, places of worship for students of other faiths in the locality of the University, and 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.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 Advisory and Support Service 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 Advisory and Support Service for further advice.

dass@manchester.ac.uk

www.manchester.ac.uk/dass

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.

In subsequent years of study you'll need to re-apply for accommodation by mid-February. 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.manchester.ac.uk/accommodationguarantee

Hall life

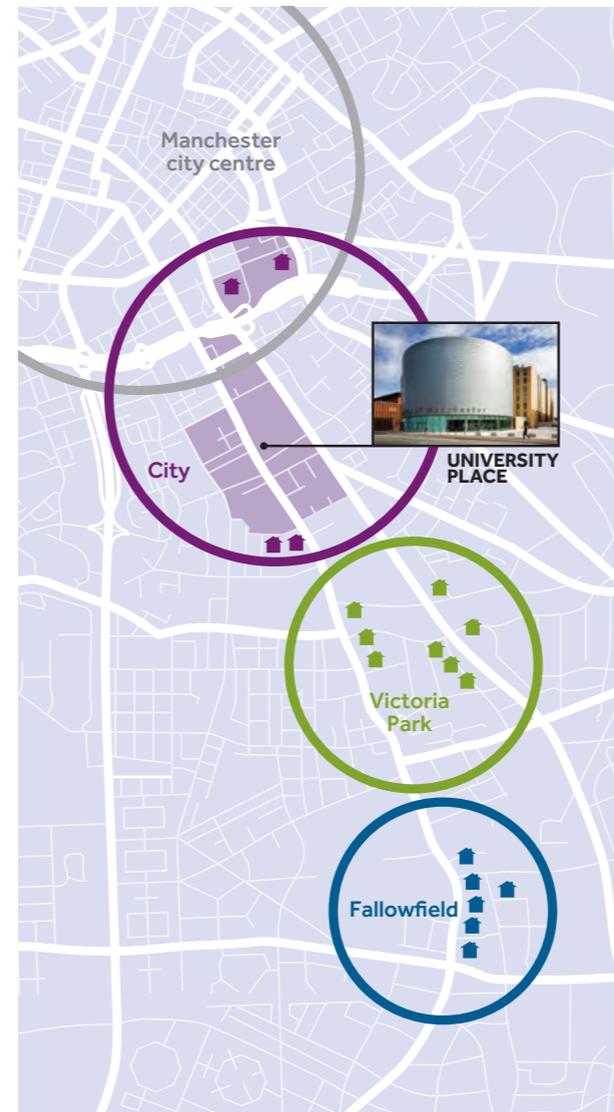
Halls are self-contained communities, some with their own bars, common rooms and social activities. They're an ideal place to make new friends. All halls have single bedrooms (a small number of halls have twin rooms too) with an Internet connection. In self-catered halls you share a kitchen and sometimes a living room with other students. Some halls offer en-suite facilities while others have shared bathrooms. Single-sex halls are available.

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

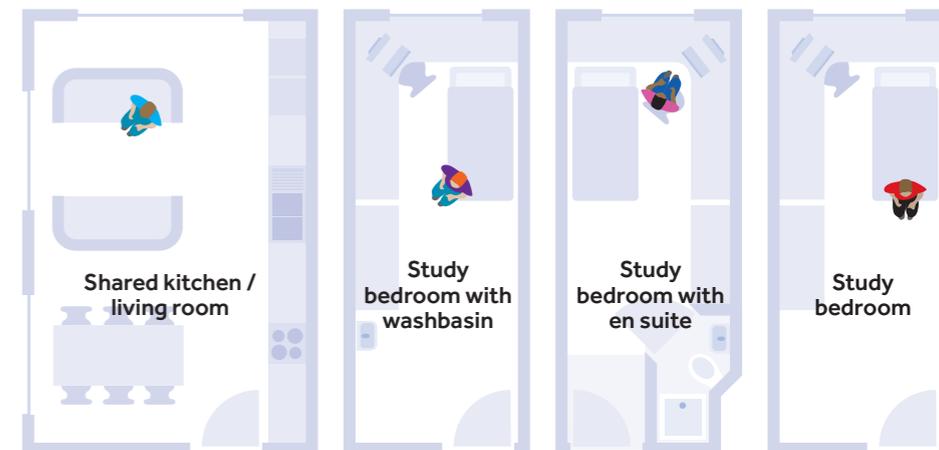
- **City** – close to the city centre and at the heart of our teaching campus;
- **Victoria Park** – a nearby leafy suburb about a mile (2km) from campus;
- **Fallowfield** – a vibrant, mixed residential suburb less than two miles (3km) from campus.

Each hall offers something different, yet all offer a great place to live and study, within easy reach of campus.

www.manchester.ac.uk/accommodation



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.



Accommodation fees

Costs vary depending on facilities, but sample 2016/17 prices are:

Accommodation type	Cost per week
Single self-catering bedroom; shared facilities	£106
Single self-catering bedroom; en-suite facilities	£135
Single bedroom in a catered (meals provided) hall	£138



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 residential life officers and residential advisers 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, then 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.manchester.ac.uk/accommodation

Georgina Carter

BSc Anatomical Science with a Modern Language



The perfect base for your time living in Manchester

Georgina, who comes from the US, 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 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. 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 Hall 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 residential life officer is very sociable and joins us for dinner. We have regular meetings with our residential adviser 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 there are lots of social events, so 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.

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

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

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.

- **460+ student societies** – everything from politics to performance, campaigning to gaming, flight simulation to scuba diving
- **Job opportunities** – more than 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 the biggest student newspaper, written by award-winning journalists, a radio station and a TV channel.



Support

- **Advice service** – speak to a trained professional for free advice on 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 representatives

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 p24).

It's also a great place to get something to eat, catch up with friends or **see your favourite band** in the iconic Manchester Academy venues.

In short, the Students' Union is here to help you get the most from your time in Manchester.

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.

In our society 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. When you've been working hard, you know that there's somewhere you can go to relax.

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.

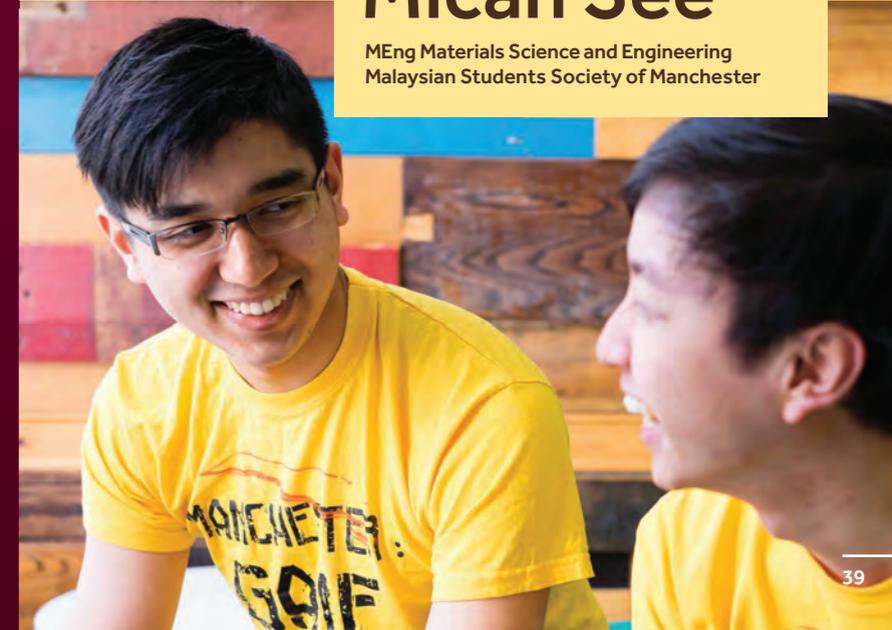
We also organise two really big events every year: MNight and MGames. MNight is our cultural event with plays and dances. The MGames is a sporting event with different tournaments open to Malaysian students at Manchester and other universities across the UK. It's huge: about 500 to 800 people take part.

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 selling 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



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
- **357 teams in campus leagues** – weekly competitions against other Manchester students across five sports
- **Sport Scholarship funding** – opportunities for elite athletes at junior international level, including training and personal support

Manchester finished **17th out of 145 institutions** in the BUCS League 2014/15.

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.

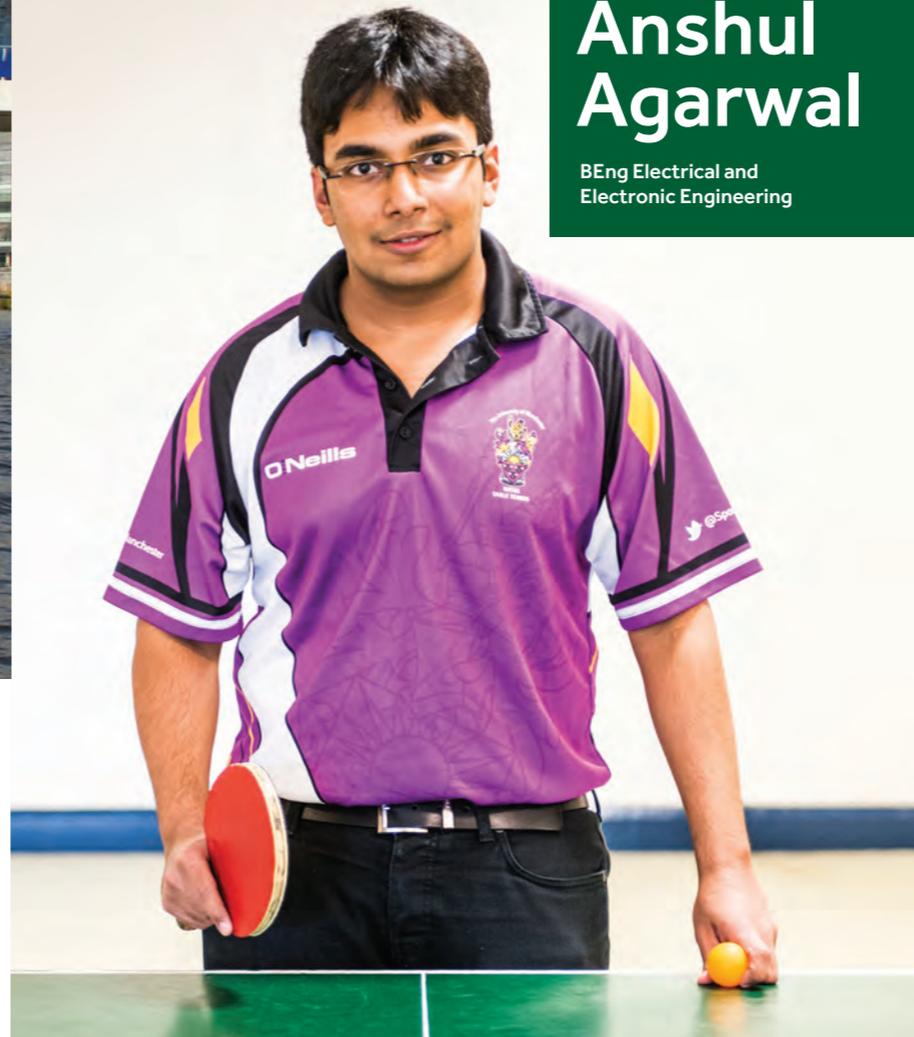
- **80+ casual classes** – from aerobics to Zumba
- **Saturday morning park runs** – join 200+ runners every week
- **Group campus walks** – get active while getting to know your campus
- **Be a Sports Volunteer** – see p24

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!

I can proudly say that this experience has definitely enhanced my life at Manchester and my memories would be incomplete without it. #PurpleAndProud

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.

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 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.

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 the Museum of Science and Industry, 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.



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. Explore the sport's history in the city's National Football Museum.



Sport

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



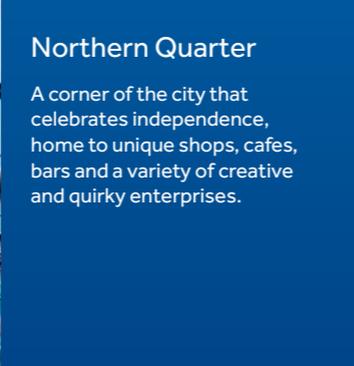
Transport

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



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.



Northern Quarter

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



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, 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

OCTOBER

Manchester Science Festival

Celebrate our scientific past, present and future.

www.manchestersciencefestival.com

OCTOBER

Manchester Literature Festival

Contemporary prose and poetry is brought to life.

www.manchesterliteraturefestival.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

Chinese New Year

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

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

MARCH

Manchester Irish Festival

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

www.manchesteririshfestival.co.uk

MARCH

Manchester Duck Race

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

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

APRIL

iViva! Spanish and Latin American Festival

Enjoy the very best of Hispanic film, theatre and art

homemcr.org

APRIL

Future Everything

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

www.futureeverything.org

MAY

Dot to Dot

Discover the nation's freshest new music talent.

www.dottodotfestival.co.uk

MAY

Grillstock

Smoke and sounds mingle at this annual BBQ and music festival.

www.grillstock.co.uk/manchester-festival

JUNE

Parklife Weekender

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

www.parklife.uk.com



JUNE

Manchester Day

What's so great about Manchester? This day-long celebration will show you.

www.manchesterday.co.uk

JULY

Greater Manchester Comedy Festival

Live stand-up performances and more.

www.greatermanchesterfringe.co.uk

JULY

Manchester International Festival

Take in culture, creativity and world premieres at this biennial event.

www.mif.co.uk

JULY

Manchester Mega Mela

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

www.manchestermela.co.uk

JULY

Manchester Jazz Festival

Hear global favourites and new talent improvise with the beat.

www.manchesterjazz.com



Photo courtesy of Steven Sibbald

AUGUST

Manchester Pride

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

www.manchesterpride.com

AUGUST

Caribbean Carnival

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

themanchestercarnival.com



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

Please note: It has been determined by UKVI that for separate (non-integrated) foundation courses and pre-sessional English language courses or English for University Study Courses, only UKVI-IELTS (taken at UKVI approved IELTS centres globally) or Trinity College



London Integrated Skills in English (ISE) – modules ISE II, ISE III or ISE IV ISE (where the tests are taken in UK test centres only) are acceptable.

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

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-sessional courses are accredited by BALEARP (the British Association of Lecturers in English for Academic Purposes).



Pre-sessional English

Our pre-sessional 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-sessional 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-sessional English language course. Before starting I was really nervous about my poor English, but, when I finished, I realised that the most important thing is practice.

We've 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, such as Brazil and Iraq.

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

Taking a pre-sessional 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 2017 entry

Arts-based courses	£17,000
Science-based courses	£21,000
Clinical-based courses	£38,000

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

www.manchester.ac.uk/undergraduate



Estimated living costs 2017/18

Costs	Undergraduate year (40 weeks)	Weekly cost (based on 40 weeks)
Accommodation (self-catered) *	£4,785 **	£119.63
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)	£225.00	£7.50 for a weekly bus pass
Other (eg mobile phone bill, socialising, laundry, photocopying and printing)	£1,600	£40
Total	£9,180	

NB: This table presents approximate costs based on the 2016/17 academic year. Actual costs will depend on each individual's lifestyle and may rise in line with inflation.

* For catered accommodation (breakfast and an evening meal on weekdays) add approximately £800 to the annual total – the 'Meals' total will consequently decrease if you choose catered accommodation.

** The University of Manchester self-catered accommodation can range in price from £3,788 to £5,952 per year. For further information on the annual cost of accommodation and accommodation provision at The University of Manchester, see www.manchester.ac.uk/ouraccommodation

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, via its online vacancy service where part-time jobs are advertised. 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/international

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

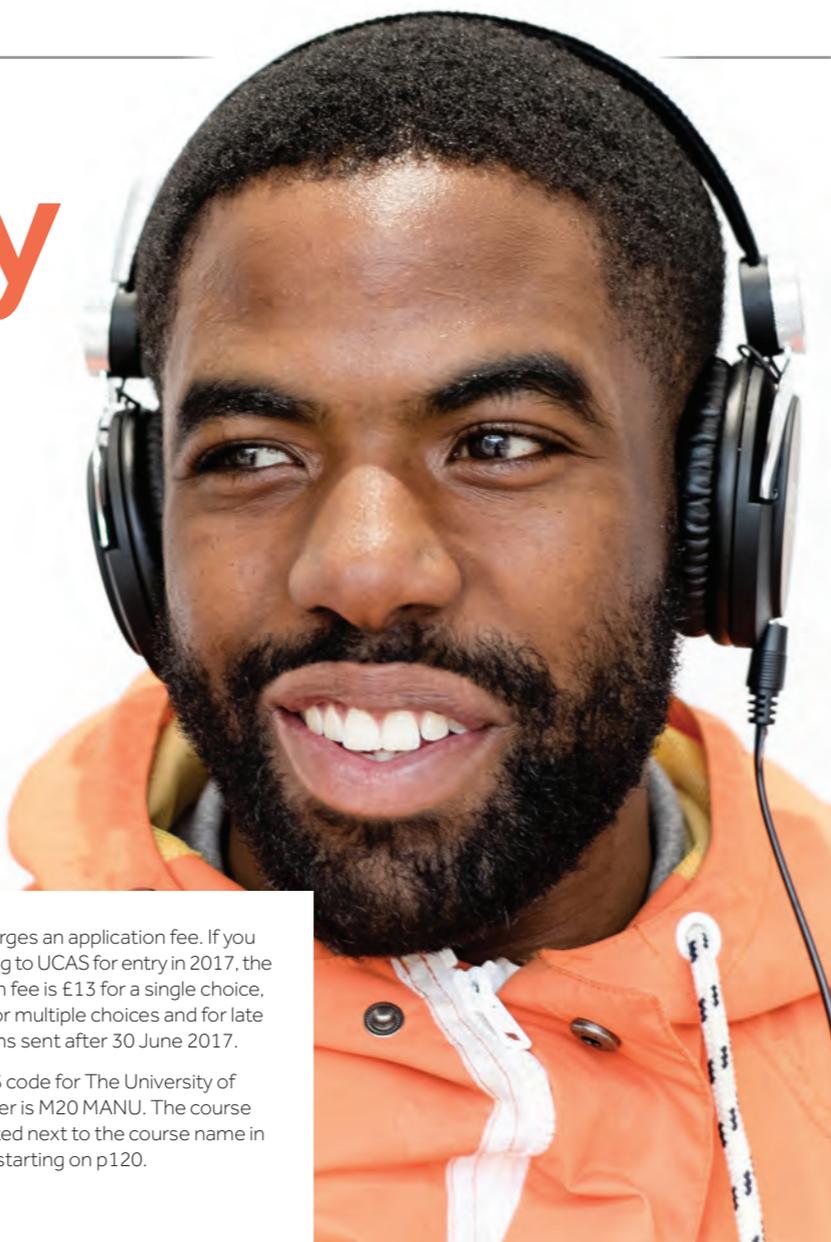
All applications must be made through the Universities and Colleges Admissions Service (UCAS):

wwwucas.com

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 2017, the application fee is £13 for a single choice, and £24 for multiple choices and for late applications sent after 30 June 2017.

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 p120.



When to apply

All applications for undergraduate courses starting in September should be received by UCAS by the deadlines of 15 October of the previous year for Medicine and Dentistry, and 15 January for all other courses.

Applications made before the closing date will be considered equally against the stated selection criteria and in the context of the number of available places. The University will consider late applications only for courses where places are still available. For many courses, places may not be available after the deadline.

Applications from international, non-EU applicants will be considered until 30 June for courses other than Medicine and Dentistry, though applicants are advised to apply as early as possible.

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

wwwucas.com



Our Courses

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

Types of undergraduate course at Manchester

Many Manchester courses offer flexibility to enable you to choose a route that best matches your interests.

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. Please note that this is not an exhaustive list, and may not include all subject-specific or non-academic requirements. 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



courses

Accounting and Finance

A

Most 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

- 96% student satisfaction among our BSc Accounting students and 94% among our BAEcon Finance students (National Student Survey 2015)
- 80% of Alliance MBS students who completed a work placement as part of their degree graduated with First Class Honours (2015 graduates)
- Work on real-world projects in collaboration with organisations such as EY, HM Treasury, HMRC, KPMG and PwC

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

Prepare for a career as a chartered accountant with our BSc Accounting degree – a member of the Institute of Chartered Accountants in England and

Wales (ICAEW) Undergraduate Partnership Programme (UPP). You can apply for a work placement in your penultimate year and gain maximum exemptions from ICAEW ACA exams, enabling you to fast-track to qualified chartered 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 a broader economic, political and social context.

What you study

Accounting BSc

This innovative course integrates study of the theory and practice of accounting with the opportunity to gain practical work experience and develop vital transferable skills. Previous students have completed paid work placements at EY, Grant Thornton, KPMG, Mazars, Morgan Stanley and PwC among others.

You'll benefit from maximum exemptions from the ICAEW ACA (eight exams) as well as six ACCA and eight CIMA papers providing a fast track to chartered accountancy after graduation.

Benefit from a focused programme of study covering auditing, financial reporting and accountability, macro and micro-economics, statement analysis, management accounting, business strategy and taxation.

In your final year, you will consolidate your practical skills and theoretical knowledge working on a company project. You'll

develop specialised knowledge in corporate financial valuation, accountability and auditing, business law and financial regulation, and broaden your understanding of the wider business context.

Accounting and/or Finance pathways BAEcon

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

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

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

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

Skills and job opportunities

BSc graduates have worked for BDO, Deloitte, EY, KPMG, the National Health

Service and the National Audit Office as assurance associates, audit associates, forensic accountants, risk analysts and tax advisers.

BAEcon graduates have worked 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

A

You might also be interested in...

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

Typical offer

A-level AAA–AAB (including Mathematics and Physics)
IB 37–35 (666–665 at HL, including Mathematics and Physics at HL and 5 in English at SL)
IELTS score 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:

-  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

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

We offer a broad range of expertise in the aerospace sector, including advanced computational fluid dynamics and turbulence-modelling techniques, aero and space systems design, and optimisation and experimental aerodynamics. You'll benefit from our extensive experience in teaching and a wide range of research expertise.

Many of the major aerospace players contribute to our research and courses,

including Airbus, Rolls-Royce, BAE Systems and MBDA, as well as several small to medium-sized enterprises.

World-class facilities include our high-performance computing equipment and an extensive range of wind tunnels covering speeds from subsonic to Mach 6.

We welcome engineering and science students who wish to develop a specialism in aerospace engineering. We produce high-quality graduates suitable for employment in the aerospace industry, placing special emphasis on practical work through laboratory classes and group design projects.

What you study

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

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

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

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

You might also be interested in...

Business and Management; Economic and Social Studies; Economics

Skills and job opportunities

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.

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

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

Find out more

 www.manchester.ac.uk/mace

 @School_of_MACE

 /UoMMACE

Contact details

 ug-mace@manchester.ac.uk

 +44 (0)161 306 9210

American Studies

Typical offer

A-level AAB–ABB (must include History or English Literature)

IB 35–34 (665 at HL including English or History at 6)

IELTS score 7.0

American Studies BA 3yrs*

UCAS code T701

English Literature and American Studies BA 3yrs

UCAS code QT37

History and American Studies BA 3yrs

UCAS code VT17

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

Many of these courses offer opportunities for:

 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...

English Literature and Creative Writing; History of Art and Visual Studies; Modern Languages

Why Manchester

- Ranked the number one place to study American studies in the UK (*The Times Good University Guide 2015*)
- Possibility to spend a semester at one of our North American partner institutions

Manchester was the first UK university to have a Chair in American Studies (1947). The University of Manchester Library has benefited from this long history and from the financial support of institutions like the Rockefeller Foundation and the US Embassy. We provide interdisciplinary training across three centuries of American literature, history, modern music, politics and political culture, film, photography, and cultural analysis. Our degrees also offer you the opportunity to apply to study at one of our partner institutions in the US or Canada.

What you study

Year 1: Explore American literature and history from European settlement in the early 17th century through the Civil War and up to the era of Reagan. A core

course unit in aspects of contemporary America will familiarise you with more recent social and political debates.

Year 2: Begin to tailor your study to specific areas of interest. All course units take a multidisciplinary approach and explore areas such as American film studies, aspects of American political culture and American literature and social criticism, 1900–present. You'll also study a core course unit which considers African-American culture in the US from the colonial period to the contemporary era.

You can apply to study in the US or Canada for a semester at one of our approved partner institutions. Limited places are also available to study at the University of California for the whole year.

Year 3: Draw on your own specific areas of interest, and select a diverse range of optional units including Beat Writing, Hip Hop and Hollywood, History of California, Harlem and State of Urban America, Love American Style, and American Slavery. You'll also produce an extended essay on a subject of your choice.

Skills and job opportunities

Because we assess our students using a variety of methods, including essays, oral presentations, and examinations, you'll possess good communications skills and the ability to work and think independently and with others. The interdisciplinary nature of this course will open doors to a breadth of career options, including teaching, business, law, the civil service, media and public

relations. Your in-depth understanding of American culture, politics, history, literature and society will also prove attractive to charities, organisations and multinational businesses operating in the US.

Find out more

 www.manchester.ac.uk/american-studies

 @UoMSALC

 /UoMSALC

Contact details

 ug-eac@manchester.ac.uk

 +44 (0)161 275 3107

A Arabic and Middle Eastern Studies

Typical offer

A-level ABB–BBB (subject-specific prerequisites apply. Please refer to website)

IB 34–31 (655–555 at HL, subject-specific prerequisites apply. Please refer to website)

IELTS score 7.0

Arabic Studies BA 4yrs*

UCAS code T624

Arabic and a Modern European Language BA 4yrs

UCAS code RT81

English Language and Arabic BA 4yrs

UCAS code QT34

History and Arabic BA 4yrs

UCAS code VT33

Linguistics and Arabic BA 4yrs

UCAS code QT33

Middle Eastern Studies BA 3yrs*

UCAS code T601

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

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

- The Times Good University Guide 2015* and *The Complete University Guide 2016* rank us in the top ten Middle Eastern studies departments in the UK
- QS World University Rankings rank us sixth in Europe for modern language study
- Multicultural Manchester is home to a breadth of Middle Eastern communities

You can find out more about Arabic Studies in the Modern Languages section of the prospectus on p98.

We also offer Joint Honours degrees which feature Arabic in combination with another modern language, English Language, History, Linguistics or Business Management. For a full list of course options and UCAS codes see the index at the back of this prospectus.

Skills and job opportunities

The enhanced cultural understanding offered through Middle Eastern Studies opens doors to a broad range of careers. Our graduates have gone on to work in a wide variety of organisations including: schools and universities; media and publishing bodies such as Reuters and Cambridge University Press; international aid organisations such as the Red Cross and Amnesty International; and intelligence organisations such as MI5.

Find out more

 www.manchester.ac.uk/middleeasternstudies

 @UoMSALC

 /UoMSALC

Contact details

 ug.languages@manchester.ac.uk

 +44 (0)161 275 8129

Archaeology

Typical offer

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

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 History BA 3yrs
UCAS code VV30

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

Many of these courses offer opportunities for:

-  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;
Social Anthropology; History;
History of Art and Visual Studies

Why Manchester

- Unique hands-on teaching resources: Manchester Museum, the Whitworth, John Rylands Library, Archaeology Department collection
- Subsidised global fieldwork opportunities during four weeks of placement
- Award-winning teaching including National Research Project of the Year in the *Current Archaeology Awards* 2014

Combining insights from humanities and science, archaeology offers you the opportunity to explore and interpret past humanity, from the origins of modern humans to the impact of industrialisation and globalisation. You'll consider the challenges we face in modern society – from climate change to complex societies. You'll explore artefacts, architecture, ancient texts and beliefs using our exclusive museum, library and lab resources. Manchester's excellent transport links will also allow you to explore the rich offering of archaeological sites across the UK and Europe.

Fieldwork training is an integral part of our course in all years and you'll be introduced to excavation techniques by experienced archaeologists at sites within the British Isles and throughout the world. Current excavation sites include Orkney, Africa, Easter Island and Australia.

What you study

Year 1: Compulsory course units include History of Archaeology, Themes in Archaeology, and Introduction to Archaeological Practice. Tailor your studies with additional units ranging from Living and Dying in the Ancient World to Technology of the Dynastic Age. You'll supplement your studies with two weeks of hands-on fieldwork.

Year 2: Core units include Data Processing and Quantitative Analysis, Theory and Philosophy of Archaeology, and Fieldwork Practice and Interpretation. Optional units range from Pacific and Australian Archaeology to Changing Worlds in the Near East and East Mediterranean. You'll also undertake further fieldwork as well as directed research of your choice via our long-essay course unit.

Year 3: Apply your research skills and specific areas of interest in your dissertation. Further course units include Theory and Practice in Archaeology and Material Culture, as well as optional unit topics ranging from Neolithic Britain to Minoan Crete.

Skills and job opportunities

Not only will you learn rigorous intellectual skills of interpretation,

you'll also learn to work as part of a team in demanding conditions – managing time, resources and people in the field.

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

Find out more

-  www.manchester.ac.uk/archaeology
-  @UoMArchaeology
-  /UoMSALC

Contact details

-  ug-archae@manchester.ac.uk
-  +44 (0)161 306 1252

Architecture

Typical offer

A-level AAA (subject-specific prerequisites apply. Please refer to website)
IB 37 (subject-specific prerequisites apply. Please refer to website)
IELTS score 6.5 overall, with 6.5 in writing and no less than 6.0 in any component

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

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

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

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

We bring together academic and professional practice in the city region with strong international networks, providing excellent collaborative opportunities at a global level.

Manchester School of Architecture is an innovative collaboration between The University of Manchester and Manchester

Metropolitan University. You'll receive a degree from both universities and be able to use the facilities and resources at both.

What you study

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

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

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

Skills and job opportunities

Qualifying as an architect in the UK consists of five years' study at

university 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.

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

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

Biosciences

Typical offer

A-level AAA–ABB (including two of Biology, Chemistry, Physics or Mathematics with an A grade in one of these subjects. For Biochemistry, Medical Biochemistry and Molecular Biology courses, one of the subjects must be Chemistry)

IB 37–33 (including 5 or 6 points at HL in two sciences, normally Biology and Chemistry. For Biochemistry, Medical Biochemistry and Molecular Biology, this must include Chemistry)

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

Immunology BSc 3yrs

UCAS code C550

Immunology MSci 4yrs

UCAS code C55M

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

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 92% (National Student Survey 2015)
- Excellent facilities, including recent £3 million refurbishment of our anatomy teaching facilities
- Flexible structure allowing transfer between different bioscience courses

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

We have the widest range of bioscience courses at any UK university. We offer you

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

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

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

A foundation year is available for applicants who do not have the appropriate entry qualifications for direct entry to one of our courses (see Life Sciences with a Foundation Year on p90).

What you study

BSc 3yrs

Year 1: Discover biosciences. You'll study a number of compulsory topics that cross all key bioscience disciplines, such as biochemistry, molecular biology and body systems, as well as selecting optional modules specific to your chosen degree. You're able to change degree course at the end of the year if you wish.

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 South Africa, the UK or elsewhere in Europe.

Year 2: Start to specialise in your chosen discipline. The choice and variety of topics will vary widely depending on your course. Topics available include: how we coordinate movement; the impact of drugs on the brain; the maintenance and regulation of the genome; and how cells move and interact with each other.

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.

Final year: Final-year topics reflect the current hot topics in biosciences and the research interests of staff. These lectures are constantly being adapted and updated. Current topics include: how stem cells develop into specialist cells; the molecular biology of cancer; and the control of cell adhesion in normal tissues and disease.

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

BSc 4yrs with industrial/professional experience / with a modern language

Years 1 and 2: The first two years of our BSc 4yrs courses are the same as a 3yrs course. However, you'll also undertake work that will prepare you for your third year.

Year 3 (with industrial/professional experience): Spend the year on placement with one of our partner organisations in the UK or overseas. Carry out a laboratory, fieldwork, enterprise, education or communication project depending on your area of interest. You'll gain valuable work experience that will give you an advantage in today's competitive employment market.

Year 3 (with a modern language): Spend the year on placement with a research institute or university in a country where the language you're studying is spoken. You'll improve your language skills and gain valuable work experience that will give you an advantage in today's competitive employment market.

Year 4: Return to Manchester to complete your final year, which is the same as the BSc.

MSci 4yrs

Years 1 and 2: The first two years of this undergraduate master's course are the same as a BSc 3yrs course.

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

Year 4: Carry out a six or seven-month independent research project in your chosen area of interest, in the laboratories or field station, run by a leading academic at the University. You'll gain significant research skills and experience that will help you pursue a career in industry or academia.

Skills and job opportunities

Our graduates go into a wide range of careers. Around a third choose to work in scientific research and development roles, such as scientific officers and postdoctoral scientists, with organisations including Cancer Research UK, GSK, and Unilever. This may require significant postgraduate study, usually a PhD.

Some graduates choose other career options such as teaching, communicating science or science media and conservation. Others pursue careers outside biosciences including management, finance, marketing and the civil service.

Find out more

-  www.manchester.ac.uk/life
-  @lifesciencesuom
-  /LifeSciencesManchester
-  /manlifesciences

Contact details

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

Business and Management

Typical offer

A-level AAB (subject-specific prerequisites apply. Please refer to website)

IB 35 (665 at HL, subject-specific prerequisites apply. Please refer to website)

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

Run by our School of Social Sciences (SoSS) 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 SoSS:

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 (Marketing) BSc 3yrs
UCAS code GN53

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

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
UCAS code: N234

Most 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; Economic and Social Studies

Why Manchester

- 94% of Alliance MBS students who completed a work placement within the last three years achieved a 2.1 or above
- 31% of jobs with the top graduate recruiters are expected to be filled by graduates who have already worked for their organisations (High Fliers Report 2015)
- All Alliance MBS degrees include either a work placement or international exchange

Alliance MBS is accredited by all three major awarding bodies (AMBA, EQUIS and AACSB) – a 'triple-crown' School with a world-class reputation. The latest Research Excellence Framework ranked us 2nd in the UK for business research power. 'Original Thinking Applied' is at the heart of everything we do. We offer a broad range of three and four-year degrees with many of our students benefiting from the opportunity to study abroad (on our International Management degrees) or complete work placements (available across all other programmes).

What you study

Management

Our Management degrees share a common first year before allowing you to focus on a chosen specialism to enhance your career prospects.

Your first year includes course units in accounting and finance, economics, work psychology, sociology, quantitative methods and marketing. If you wish to specialise, then you'll choose at least one third of your second-year options and half of your final-year options from your specialist area. You can transfer to a different specialism while on the course, regardless of which one you apply for. For this reason you should apply for only one of them. If you do not wish to specialise, you will graduate in BSc (Hons) Management.

There are over 90 course units to choose from across your second and final year, allowing you to focus your studies in the areas of your choice and in line with your career goals. Choose our four-year degrees to benefit from a paid work placement in your penultimate year.

International Management (IM)

First-hand knowledge of another culture can be crucial in business. Apply to these four-year degrees and 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 (International Management with American Business Studies – IMABS). All classes are taught in English. We have 50 exchange partners across 18 countries. Visit www.alliancembs.manchester.ac.uk/ug/exchange for a full list of partner institutions.

Your first year will include course units in accounting and finance, economics, work psychology, sociology, quantitative methods and marketing. In the second year, IMABS students specialise in American history and culture, and the fundamentals of the US political and economic system, while IM students take international business strategy. All students then choose from a wide range of options including human resources, marketing, strategy, information systems, innovation/technology management and various international issues.

You'll spend your third year studying at one of our partner institutions. International students currently pay half the standard international fee for this year of study. There are more than 90 course units to choose from across the second and final year in Manchester.

International Business, Finance and Economics (IBFE)

Study finance, economics and business within an international context, gaining

a critical understanding of social and economic effects of globalisation. Choose our four-year degree to benefit from a paid work placement in your penultimate year.

Your first year will include accounting and finance, micro and macroeconomics, maths and statistics, financial and digital innovation as well as politics or sociology. In later years you'll choose from a wide range of options in accounting and finance, economics, contexts for international business and modern languages.

In your final year you'll analyse contemporary business practice and explore how shareholder value complicates management through an international business analysis project. Optional units include behavioural finance, corporate finance, econometrics, investment analysis and financial engineering.

Information Technology Management for Business (ITMB)

Created in collaboration with the Tech Partnership and more than 90 major employers (including IBM, Deloitte, Fujitsu, Unilever and the BBC), these Tech Industry Gold degrees blend technology and business with project management and interpersonal skills. Much of your learning will be through team-based project work, supported by business mentors.

If you wish to specialise, you'll choose at least one third of your second-year courses and half of your final-year courses from your specialist area. These degrees are identical in the first

year and transfer between them is straightforward, so please only apply for one of them. If you do not wish to specialise, you'll graduate in BSc (Hons) IT Management for Business.

Your first year will include course units in business application and database design and development and human computer interaction. You'll collaborate on a team project based on a real-life business problem (currently supported by Credit Suisse). IBM deliver a second-year course unit in business intelligence and big data analytics and our second-year team project is currently supported by SAS – a leader in business analytics software and services. You'll complete an individual project in your final year – previous students have investigated how IBM uses technology to manage remote teams, and the implications of social networks on management processes.

Choose our four-year degrees to benefit from a paid work placement in your penultimate year. Our ITMB students have completed placements with Fujitsu, IBM, Accenture, SAP, Logica, AstraZeneca and Intel.

Business Studies

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

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

In the first year, core units from a range of disciplines help you to analyse business performance, from micro and macroeconomics to business anthropology. In the second year you'll begin to focus on your own areas of interest, from pursuing statistical or operations research options to international business strategies or marketing research. If you're taking one of the joint specialisations, you could broaden your study in politics, economics and sociology.

The final year offers various options including human resource management and labour economics. You'll further develop interpersonal and teamwork skills via a compulsory business analysis project.

Skills and job opportunities

Management graduates have become HR graduate analysts, internet consultants and management trainees, working for Balfour Beatty, Deutsche Bank, KPMG, Microsoft and Tesco. IBFE graduates now work for Grant Thornton, KPMG, PwC, RBS and Zolfo Cooper as assurance associates, audit trainees and commercial strategists. IM graduates are ACA trainees, territory managers and wealth-management analysts at Bombardier (Sweden), Crown

(San Francisco), HSBC (Beverly Hills) and Tevere (Switzerland). ITMB graduates have become IT consultants, technical analysts and IT first-line analysts at Credit Suisse, eBay, BNY Mellon and IBM.

Business Studies graduates have become business development coordinators, audit associates, and settlement analysts at IBM, BT, KPMG, Aston Martin and Deloitte.

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.ambs@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 (including Mathematics and a science subject)
IB 39–37 (666 at HL including Mathematics and a Science subject)
IELTS score 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

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

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...

Aerospace Engineering; Chemistry; Civil Engineering; Electrical, Electronic and Mechatronic Engineering; Petroleum Engineering; Materials Science and Engineering; Engineering or Science with an Integrated Foundation Year

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

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

All our courses are accredited by the Institution of Chemical Engineers (IChemE); on completion of your degree you'll be part of a network of professionals consisting of more than 44,000 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 opportunity to study a specialist subject in greater depth. Specialist themes include advanced chemical engineering science, energy and environment, and languages, which includes studying at a university in Europe.

Skills and job opportunities

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

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

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 (to include Chemistry plus at least one other science or Mathematics)
IB 36–35 (666–665 at HL to include Chemistry and at least one other science subject or Mathematics)
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...

Biosciences; Chemical Engineering; Computer Science; Materials Science; Mathematics; Petroleum Engineering; Engineering and Science with an Integrated Foundation Year

Why Manchester

- 93% student satisfaction (National Student Survey 2015)
- 83% of our 2014/15 graduates were recorded as being in a graduate-level job within six months of leaving their course
- Placed in the top four universities in the UK in the 2015 QS World Rankings for chemistry

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

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

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

What you study

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

Year 1: Develop your mathematical, presentational and IT skills, and information-retrieval techniques. Choose one or two subsidiary subjects from a wide range, including biochemistry, physics, mathematics, business and management, geography, earth sciences, and languages.

Year 2: Develop your core knowledge and discover new topics. You'll also have the opportunity to take an optional course unit from outside chemistry.

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

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

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

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

Skills and job opportunities

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

The University currently tops the annual poll of employers' preferred sources of graduates. Our recent graduates have secured positions with a variety of companies including Johnson Matthey, AkzoNobel and Deloitte, in roles such as lead chemical analyst, research scientist and management consultant.

Find out more

 www.manchester.ac.uk/chemistry

 @UoMChemistry

 /ChemistryUoM

Contact details

 ug.chemistry@manchester.ac.uk

 +44 (0)161 306 9271

Chinese Studies

Find out more about Chinese Studies in the Modern Languages section of the prospectus on p98.

We also offer Joint Honours degrees which feature Chinese in combination with another modern language; English Language; Linguistics; Biosciences; or Business and Management. For a full list of course options and UCAS codes see the index at the back of this prospectus.

Civil Engineering

Typical offer

A-level AAA–AAB (including Mathematics and Physics)

IB 37–35 (including 6 in Mathematics and Physics at HL and 5 in English at SL)

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...

Aerospace Engineering; Architecture; Computer Science; Electrical, Electronic and Mechatronic Engineering; Petroleum Engineering; Planning and Environmental Management; Engineering or Science with an Integrated Foundation Year

Why Manchester

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

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

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

They supply water and fuel, and provide the infrastructure to clean up the waste products of our society. They are concerned with environmental and sustainability issues in flooding,

renewable energy and regeneration, nuclear waste disposal, sewage treatment, and pollution generally.

Plenty of staff contact and high-quality resources ensure that 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 co-operative staff. We also have extensive links with global, national and local industrial partners, keeping our teaching current and relevant. At Manchester you'll have access to excellent resources for information, computation and experimentation, all of which are crucial for your degree.

What you study

Years 1 and 2: Discover civil engineering through subjects including mathematics, mechanics, construction materials, structures, geotechnics, design and management.

Year 2: Your studies will include a residential field course to practise surveying and civil engineering design.

Year 3: You'll further develop specialist knowledge and undertake a major individual project.

Year 4 (MEng students): You'll cover a range of specialist subjects, as well as developing design skills through a substantial group project.

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

Skills and job opportunities

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

You'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.

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

Find out more

 www.manchester.ac.uk/mace

 @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 (subject-specific prerequisites apply. Please refer to website)

IB 34–31 (subject-specific prerequisites apply. Please refer to website)

IELTS score 7.0

Ancient History BA 3yrs*

UCAS code V110

Ancient History and History BA 3yrs

UCAS code VV50

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

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

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; History; History of Art and Visual Studies; Modern Languages

Why Manchester

- 90% of our BA Classical Studies graduates go on to a professional or managerial role within six months of graduating
- Begin or resume your study of Greek/Latin at any point during your degree – we teach all levels from beginner to advanced
- Exclusive resources include the Special Collections of The John Rylands Library (home to papyri, medieval manuscripts and early printed books including very early copies of the Homeric poems)

Classics and Ancient History at Manchester provides a truly multidisciplinary learning experience. You'll have the opportunity to explore the art, culture, history, language and literature of the ancient Greek and Roman civilisations that have heavily inspired the formation of the modern world.

You'll receive expert tuition in the core aspects of Greek and Roman history, culture, language and literature. Our course units cover diverse topics ranging from storytelling in Ancient Rome to slavery in Ancient Greece, from love poetry to exile literature, from Greek politics to tragic drama. You'll also have the opportunity to study the ancient languages of Greek and Latin, enabling you to explore texts and literature in the original language.

What you study

Ancient History

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

Classical Studies

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

Classics

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

In Years 2 and 3 of all courses, you'll be able to take independent study units

and conduct research on topics of your choice, supervised individually by an academic member of staff.

Skills and job opportunities

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

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

Find out more

-  www.manchester.ac.uk/classics
-  @Clah_Mcr
-  /Clah.Manchester

Contact details

-  ug-classics@manchester.ac.uk
-  +44 (0)161 306 1252

Computer Science

Typical offer

A-level A*AA–AAA (including Mathematics**)
IB 38–37 (766–666 at HL, including Mathematics**)
IELTS score 6.5 overall with no less than 6.0 in any component

**except UCAS codes I140 and I142, which require two of following subjects at HL or A-level: Physics, Biology, Chemistry, Mathematics, Further Mathematics, Computer Science and/or Statistics.

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

All 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 and Management; Electrical, Electronic and Mechatronic Engineering; Mathematics; Physics and Astronomy

Why Manchester

- World's first stored-program computer developed here in 1948
- 91% student satisfaction (National Student Survey 2015)

Our School of Computer Science is one of the oldest and most established in the UK, with five decades of ground-breaking developments in the field of computing. Manchester was responsible for the birth of computing through the pioneering work of Alan Turing, and the world's first stored-program computer, 'the Baby', was built here. We continue to be leaders in our field, with our research and industrial links informing the development of our degree courses.

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

What you study

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

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

Human Computer Interaction (HCI)

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

Computer Science and Mathematics

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

Computer Science with Business and Management

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

Skills and job opportunities

You'll gain a strong understanding of the underlying principles of computer science, while developing practical

computing skills and analytical thinking, along with communication, problem-solving and team-working skills.

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

Find out more

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

Contact details

-  ug-compsci@manchester.ac.uk
-  +44 (0)161 275 6124

C

Criminology

Criminology is taught within our School of Law. Find out more about Law and Criminology courses on p88.

D

Dentistry

Typical offer

A-level AAA–ABB (including Biology and Chemistry)

IB 37–30 (766 at HL including 7 and 6 in Biology and Chemistry; 555 at SL and at least one core point), UKCAT required
IELTS score 7.0 overall with no less than 6.5 in any component

Dentistry (first-year entry) BDS 5yrs
UCAS code A206

Dentistry (pre-dental entry) BDS 6yrs
UCAS code A204

Oral Health Science BSc 3yrs
UCAS code B840

Why Manchester

- More than 25 years' experience of clinical teaching in outreach clinics
- Over 95% of students in employment after graduation
- Clinical practice integrated with theory early in the course

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

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

What you study

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

Years 1, 2 and 3: Study units in healthy living and orofacial biology.

Year 4: Study the above topics, as well as patient assessment, disease management, and team-working, professionalism and patient management.

Year 5: Prepare for independent practice and study a course unit entitled The Complex Patient.

See our website for details of our core subjects.

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

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

Skills and job opportunities

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

As a graduate in oral health sciences, you can work in all sectors of dentistry as a dental hygienist or dental therapist.

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 (subject-specific prerequisites apply. Please refer to website)

IB 36–31 (subject-specific prerequisites apply. Please refer to website)

IELTS score 7.0

Drama BA 3yrs*
UCAS code W400

Drama and English Literature BA 3yrs
UCAS code WQ4H

Drama and Screen Studies BA 3yrs*
UCAS code WW46

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

For BA Music and Drama, please see Music on p100.

Many of these courses offer opportunities for:

-  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...

English Literature and Creative Writing; Music

Why Manchester

- Manchester is home to the second-highest concentration of theatres in the UK
- Drama at Manchester is ranked in the top ten UK drama departments in the UK by the *2015 Times Good University Guide*.
- Spend a semester studying in Australia or the US at one of our dedicated partner universities

Skills and job opportunities

You'll gain key skills in interpretation and critical analysis of theatre, performance and film as well as experience in creating original work for live performance and film. You'll also develop transferable skills in interpersonal communication, group work, leadership and creative problem solving.

Popular career choices for graduates include teaching, acting, directing and writing for theatre, film, radio and television; running applied drama projects in schools, prisons, community projects and youth clubs; and production roles in TV, film, media and theatre.

Find out more

 www.manchester.ac.uk/drama

 @UoMSALC

 /UoMSALC

Contact details

 ug-drama@manchester.ac.uk

 +44 (0)161 275 4987

E

Earth Sciences and Geology

Typical offer

A-level AAB–ABB (subject-specific prerequisites apply. Please refer to website)

IB 35–33 (subject-specific prerequisites apply. Please refer to website).

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

You might also be interested in...

Environmental Science; Geography

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.

Why Manchester

- Geology courses accredited by the Geological Society of London
- Open and welcoming School with low staff-student ratios
- Taught by academic staff involved in internationally excellent and world-leading research

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

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

What you study

Single Honours

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

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

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

Geography and Geology Joint Honours

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

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

Year 3: Critically evaluate the ideas and concepts you've 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 transferable skills.

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

Find out more

 www.manchester.ac.uk/sees

 @UoMSEES

 /UoMSEES

Contact details

 ug-earth-sci@manchester.ac.uk

 +44 (0)161 275 0776

Economic and Social Studies

Typical offer

A-level AAB (subject-specific prerequisites apply. Please refer to website)

IB 35 (subject-specific prerequisites apply. Please refer to website)

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 offer opportunities for:

 study abroad

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

Why Manchester

- Founded 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 over 2,000 members, sponsored by EY
- We're currently the northern home of the Royal Economic Society annual public lecture

You might also be interested in...

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

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 the 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 (p64)
- Economics (p75)
- Philosophy (p105)
- Politics (p109)
- Sociology (p116)

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

What you study

In the first year you'll gain a broad introduction to the social sciences. You'll take compulsory course units in economics, maths and statistics, plus optional units from accounting, finance,

business, politics, sociology and other social sciences.

As you progress into the second year, you can 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.

In the third and final year, you'll begin to focus your studies in either one single area or a joint pathway, according to your own particular interests.

Skills and job opportunities

The units you choose will give you a range of subject-specific and transferrable 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 (subject-specific prerequisites apply. Please refer to website)

IB 35 (subject-specific prerequisites apply. Please refer to website)

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 and Management; Economics; 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
- We're currently the northern home of the Royal Economic Society annual public lecture

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 taught to undergraduates at nearly all UK universities; 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.

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 your course.

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.

In the first year you'll study 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.

As you progress into the second year, you'll reinforce your understanding of micro and macroeconomics principles, mathematical economics and econometrics. You'll also work towards your area of specialisation through course units such as investment analysis, managerial economics and development economics.

In the final year compulsory units round off your understanding of core micro and macroeconomics, and advance your core skills in econometrics and quantitative skills. You may also pursue your area of specialisation via 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 JPMorgan Chase, KPMG, PwC, HM Treasury and IBM as assurance

associates, graduate risk analysts and policy advisers. 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

Electrical, Electronic and Mechatronic Engineering

Typical offer

A-level AAA–AAB (to include Mathematics and either Physics, Further Mathematics or Electronics)
IB 37–35 (665 at HL with 6 in Mathematics and Physics)
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

All 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; Mathematics; Mechanical Engineering; Petroleum Engineering; Physics and Astronomy; Engineering and Science with an Integrated Foundation Year

Why Manchester

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

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

More than 73 academic staff specialise in subjects that range from nanoelectronics through to power systems. Our cutting-edge degrees are informed by excellent research. We'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

Flexible degrees

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

Electrical and Electronic Engineering

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

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

Electronic Engineering

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

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

Mechatronic Engineering

Mechatronics is the marriage of mechanical engineering with smart electronics and software, and is vital to subjects such as industrial automation and robotics. To interact with an object,

a system must know where the object is and be able to move the object and place it in a new position. The electronics therefore require information from sensors that can detect position, orientation and visual or audio signals.

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

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

Skills and job opportunities

Graduates from our courses go into the fields of:

- communications (BT, Agilent Technologies, Vodafone, Broadcom, Nortel Networks);
- control and automation (Bentley, ABB, BP, Proctor and Gamble);
- energy (ABB, AREVA, BP, EDF Energy, E.ON, National Grid, Shell, United Utilities);
- design (ARUP, Rolls-Royce);
- information technology (Intel, IBM);
- automotive and aviation (Bentley, Jaguar Land Rover, Red Bull Racing, Rolls-Royce);
- research and development (Siemens, ABB, National Grid);

- process engineering (BP, Shell, Amec);
- investment banking (Goldman Sachs, Deutsche Bank, Citi, Deloitte);
- consultancy (ARUP, Accenture, 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, p66; Civil Engineering, p68; Electrical, Electronic and Mechatronic Engineering, p76; Mechanical Engineering, p95; Petroleum Engineering, p103.

Engineering and Science with an Integrated Foundation Year

Typical offer

A-level ABB–BBC (depending on subjects studied. Please refer to website for further guidance)

IB Available on request

IELTS score No less than 5.5 in each component

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

Engineering with an Integrated Foundation Year 4/5yrs

UCAS code H108

Science with an Integrated Foundation Year 4/5yrs

UCAS code F008

Why Manchester

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

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

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

You'll be assessed by a combination of ongoing coursework and timed examinations in January and June.

What you study

You'll study mathematics, physics and chemistry, which are essential for securing success on your future degree course. You'll also be taught academic skills and information and communication technology, developing

transferable skills that are necessary for undergraduate study, and complete a project in the discipline of your choice.

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

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

Provided you meet the 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 and Engineering
- Mechanical Engineering
- Petroleum Engineering

Science

- Chemistry
- Computer Science
- Earth Sciences
- Mathematics
- Physics and Astronomy
- Textile Science and Technology (see Textiles, p118)

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

Skills and job opportunities

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

Find out more

 www.foundationstudies.eps.manchester.ac.uk

 @UoMFoundEPS

Contact details

 ug-fy-eps@manchester.ac.uk

 +44 (0)161 306 4742

English Language for Education

Typical offer

A-level AAB–BBB
IB 35–32

IELTS score 6.5 overall, with 6.5 in writing and no less than 6.0 in any other component

English Language for Education BA 3yrs
UCAS code X3Q1

You might also be interested in...

Linguistics and English Language

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.

Why Manchester

- A unique degree focusing on English language and its connections with education, providing an understanding of the current issues and theories within both fields, as well as how the two interrelate
- Excellent work experience opportunities through workplace-based research placements to enhance your employability
- Close staff-student relationships, small group teaching and one-to-one guided 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, team working, project management and intercultural awareness, are vital for a variety of careers.

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

Education, Children's Services and Skills in the UK government.

Graduates have also entered careers in management, the media, publishing, the charity sector, journalism, interpreting, counselling, and social or development work.

Find out more

 www.manchester.ac.uk/education

 @ELE_UoM

 /ELEUoM

Contact details

 ug-mie-admissions@manchester.ac.uk

 +44 (0)161 275 0969

English Literature and Creative Writing

E

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

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

Why Manchester

- Our Centre for New Writing hosts regular public events featuring contemporary novelists and poets
- Manchester's rich literary fabric includes Manchester Literature Festival, Chetham's Library and the International Anthony Burgess Foundation
- The Special Collections of The John Rylands Library include Shakespeare's First Folio and the original archives of Elizabeth Gaskell and Ted Hughes

At Manchester, you'll study the full historical breadth and depth of English Literature. From the Anglo-Saxon period to American literary and cultural studies, from the Renaissance to the contemporary, you'll explore creative breadth ranging from illuminated manuscripts to graphic novels, from poetry to postmodern fiction. You can tailor your course to your individual skills and interests throughout your study, and specialise in fields such as film, popular song and new media.

Our Creative Writing pathway allows you to develop your own creative writing skills while receiving a firm grounding in the tradition of English literature. As well as attending creative writing workshops by published writers, you'll have access to the Centre for New Writing – a major hub for new writing excellence and home to award-winning teaching staff including Booker-shortlisted MJ Hyland and Jeanette Winterson.

What you study

Year 1: Study core units including Reading Literature; Mapping the Medieval; Theory and Text; Literature and History; and English Literature Tutorials. As well as oral communication, group work and leadership skills; you'll develop an understanding of argumentation and the effective use of secondary criticism.

Year 2: Carve your own specific pathway through key specialisms by selecting from a wide range of optional units including: Shakespeare; Writing, Identity and Nation; Gender, Sexuality and the Body; Theories and Histories; and Creative Writing: Fiction.

Year 3: Continue to shape your studies with optional units including: Kipling, Forster and India; Screenwriting; Milton;

Radical Turns: Culture and Politics in the 1930s; Revenge Tragedy; and Crime and the Law in 18th and 19th Century Literature. You'll also formulate your own research topic and bring the results together in the form of a long essay.

English Literature with Creative Writing has additional writing workshops in each year of the degree, involving both poetry and prose writing.

Skills and job opportunities

As well as developing a first-rate appreciation and understanding of English literature, you'll develop skills including: critical thinking; creative problem solving; persuasive written and oral communications; reflection; and interpretation.

Alongside careers in writing, publishing, journalism, librarianship, teaching, new media and PR, the diverse range of skills attained through our degrees increasingly offer opportunities in professions such as law, accounting and finance, business management and computing. Many students also progress to postgraduate study at the Centre for New Writing.

Find out more

 www.manchester.ac.uk/english

 @ECW_UoM

 /UoMSALC

Contact details

 ug-eac@manchester.ac.uk

 +44 (0)161 275 3107

Environmental Science

E

Why Manchester

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

Typical offer

A-level AAB–ABB (subject-specific prerequisites apply. Please refer to website)
IB 35–33 (subject-specific prerequisites apply. Please refer to website)
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...

Biosciences; Earth Sciences and Geology; Geography; Planning and Environmental Management; Engineering and Science with an Integrated Foundation Year

Environmental Science at Manchester develops three fundamental science strands – biosciences, geosciences and environmental physics – and then weaves them together through integrative course units to give perspective. It allows you to apply scientific concepts to real environmental problems. Our multidisciplinary, research-informed degree includes course units taught by active researchers across a range of areas, including biology, geography, planning and earth sciences. It's ideal if you're interested in the broad field but want to keep your study options open.

What you study

Year 1: Discover the laboratory and learn the field skills necessary to take you through your degree. Gain a firm grounding in quantitative science and start to use our wide range of IT facilities.

Year 2: Take advanced course units related to earth surface processes, atmospheric physics, and how ecosystems function. Undertake geophysical surveys.

Year 3: Focus on an in-depth project, giving you the opportunity to carry out a substantial piece of research work independently, supervised by an expert in your chosen subject. Develop specialist interests that build upon experience gained in Years 1 and 2.

Skills and job opportunities

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

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

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

Find out more

 www.manchester.ac.uk/sees

 @UoMSEES

 /UoMSEES

Contact details

 ug-earth-sci@manchester.ac.uk

 +44 (0)161 275 0776

E

European Studies

Why Manchester

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

Typical offer

A-level ABB–BBB (subject-specific prerequisites apply. Please refer to website)
IB 34–32 (subject-specific prerequisites apply. Please refer to website)
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

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

Find out more about French Studies in the Modern Languages section of the prospectus on p98.

We also offer Joint Honours degrees which feature French in combination with another modern language; English Language; English Literature; European Studies; Linguistics; Biosciences; Mathematics; History; Latin; or Business and Management. For a full list of course options and UCAS codes see the index at the back of this prospectus.

Typical offer

A-level AAA–ABB (subject-specific prerequisites apply. Please refer to website)
IB 36–33 (subject-specific prerequisites apply. Please refer to website)
IELTS score 6.5 overall, with 6.5 in writing and no less than 6.0 in any other component

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

G

Geography

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...

Planning and Environmental Management; Environmental Science; Earth Sciences and Geology

Why Manchester

- Top ten in the world for geography (QS World University Rankings 2015)
- One of Europe's best-equipped universities for studying geography, including analytical, microscopy, sediments and project laboratories
- Heavily subsidised fieldwork throughout the course, including international trips

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.

We can offer you an extensive choice of course units. Unlike many geography degrees, we offer you the opportunity to undertake heavily subsidised fieldwork, starting with a three-day field trip to the Lake District at the beginning of your degree.

We structure our courses around human and physical geography. However, we allow you flexibility to either maintain breadth of study or to specialise in areas you are passionate about. Small-group learning is integral to a world-class education and every course unit includes small-group work such as tutorials, seminars, fieldwork, teamwork, practicals and laboratory classes.

What you study

Geography

Entry requirements, curriculum and career opportunities are the same for our BA and BSc degrees. You begin with three main areas: human geography, people and environment, and physical geography. Course units include: economic, cultural, political, urban and historical geography; ecology; hydrology; palaeo environments; geoarchaeology; glaciology; climatology; geomorphology; remote sensing; and GIS.

Geography and Geology

A joint geography and geology degree studying earth-surface processes, including earth sciences and physical geography.

Geography with International Studies

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

Geography Integrated Master's

Our three-year geography degree plus a fourth year of specialist master's level study.

Geography: Complete a year-long research project and course units on evaluating geographical research and its application in policy, professional and commercial spheres.

Geography with International Development: Develop a specialist understanding of international development principles, concepts and practice. Highly relevant to a career in international development.

Geography with Planning: Gain the knowledge and skills necessary for a professional career in planning and related areas. Accredited by the Royal Town Planning Institute.

Skills and job opportunities

Geography graduates are very employable; geography has one of the best graduate-employment records in the country. We equip you with the skills

that employers value, such as initiative, flexibility, teamwork, communication, research skills, independence, problem solving and time management.

Our Geography Employability Programme draws on the expertise of the University's Careers Service and develops your skills within a geographical context, while helping you to prepare for job applications.

Graduates use geographical skills directly in careers such as environmental work, regeneration, planning and education. Others follow a less specialist path in areas such as management, advertising, the media, social services, finance and the legal profession. You can also undertake postgraduate study or vocational training.

Find out more

-  www.manchester.ac.uk/geography
-  @geographyUOM
-  /GeogUoM

Contact details

-  ug-geography-admissions@manchester.ac.uk
-  +44 (0)161 275 0969

German Studies

Find out more about German Studies in the Modern Languages section of the prospectus on p98.

We also offer Joint Honours degrees which feature German in combination with another modern language, English Language, English Literature, European Studies, Linguistics, Biosciences, Mathematics, History or Business Management. For a full list of course options and UCAS codes see the index at the back of this prospectus.

History

Typical offer

A-level AAA–ABB (subject-specific prerequisites apply. Please refer to website)
IB 37–34 (subject-specific prerequisites apply. Please refer to website)
IELTS score 7.0

History BA 3yrs*
 UCAS code V100

History and American Studies BA 3yrs
 UCAS code VT17

History and Sociology BA 3yrs
 UCAS code VL13

Ancient History and History BA 3yrs
 UCAS code VV50

Archaeology and History BA 3yrs
 UCAS code VV30

Art History and History BA 3yrs
 UCAS code VV20

English Literature and History BA 3yrs
 UCAS code QV31

Modern History with Economics BA 3yrs
 UCAS code V136

Politics and Modern History BA 3yrs
 UCAS code VL12

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

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.

Why Manchester

- The 2015 QS World University Rankings rank us in the top ten history departments in the UK
- A breadth of specialisms and diverse course content – from issues in environmental history to gender and sexuality in modern Africa
- From the industrial revolution to the anti-slavery movement, the original modern city of Manchester provides the perfect context for study

You might also be interested in...

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

History at Manchester has a global reputation, more than 30 full-time academic staff delivering a broad range of courses spanning a wide breadth of chronological periods and geographical areas. Our courses cover almost all of human history, including British, European, American, Asian and African history, and range from the classical era (Greece and Rome), through the medieval and modern periods, to the late 20th century. We offer a wide variety of approaches to history, from political and economic history to gender, social, cultural and colonial history.

Manchester itself is a living history book, from Peterloo to the birth of the suffragette movement, from Roman forts to medieval monuments. As a student in this historically rich city, you'll have the opportunity to draw on the abundant library, archive and museum holdings of the local area, including Chetham's Library, the Museum of Science and Industry, the People's History Museum and the Working Class Movement Library. You'll also have access to one of only five national research libraries, including the special collections of The John Rylands Library – home to vast archives of historical

material and rare volumes – as well as the exclusive holdings of Manchester Museum.

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.

What you study

We encourage you to study a diverse range of types of history and to develop your own original and imaginative approaches to historical study.

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

Year 1: Study History in Practice, designed to assist you with the intellectual transition to university-level study. You can also begin to explore subject-specific areas, choosing from a wide range of optional course units including The Making of Modern Russia, Science and the Modern World and Globalisation in Historical Perspective.

Year 2: Course units become increasingly specialist, offering extensive choice and

flexibility, from Violence, Race and the Making of the Modern World to Europe in the Aftermath of the Vikings. You'll also undertake an extended piece of coursework on a topic of your choice, supervised on a one-to-one basis.

Year 3: Specialise in areas of specific interest, tailoring your study by selecting from our broad portfolio of final-year course units. Write a dissertation on a topic of your choice, based on independent primary research, and supervised on a one-to-one basis.

Joint Honours students take a portfolio of our course units alongside their other subject, benefiting from the full breadth of expertise and choice in both departments.

We aim to foster a vibrant culture of learning and research. Our varied approaches to teaching and assessment include lectures, seminars, field trips, small-group tutorials and web-based seminars.

Skills and job opportunities

History is a popular and versatile subject that is highly regarded by employers. Our degree courses provide expert training in analysis, critical reasoning, perception, judgement, critique and interpretation. Our extensive blend of assessment methods is specifically designed to develop important transferable skills including communication, presentation, argument and debate, teamwork, research, and time management. You'll also have the opportunity to take professionally oriented course units,

helping you to prepare your CV and find the right future career path.

Our graduates enjoy success in a wide range of careers, which reflects the high regard in which employers hold a history degree from Manchester. Graduate destinations include teaching and academia, heritage and museums, the civil service, think tanks, media and journalism, marketing and public relations, law, and accountancy. Many of our graduates have pursued successful careers within companies such as the BBC, KPMG, Deloitte, Marks and Spencer, Aviva, Accenture and Barclays.

Find out more

-  www.manchester.ac.uk/history
-  @UoMhistdept
-  /UniversityOfManchesterHistoryDepartment
-  www.uomhistory.wordpress.com

Contact details

-  ug-hist@manchester.ac.uk
-  +44 (0)161 306 1251

History of Art and Visual Studies

Typical offer

A-level ABB–BBB (subject-specific prerequisites apply. Please refer to website)
IB 34–31 (665 at HL, subject-specific prerequisites apply. Please refer to website)
IELTS score 7.0

History of Art BA 3yrs*
 UCAS code V360

Art History and History BA 3yrs
 UCAS code VV20

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

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

Why Manchester

- Enhance your career prospects with placements and volunteering opportunities at the University's own award-winning art gallery, the Whitworth
- Funded study trips to the UK and overseas, including Paris, Berlin and Rome
- Two students per year access summer internships at the world-famous Peggy Guggenheim Collection in Venice

Our breadth of expertise is a hallmark of our degree courses, 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 field.

You'll have direct access to University-owned resources including Manchester Museum and The John Rylands Library, a spectacular neo-Gothic building housing one of the world's finest collections of medieval illuminated manuscripts and rare books. The Whitworth - the University's award-winning gallery which reopened in February 2015 following a £15 million renovation - is home to

world-famous collections including masterpieces by Blake, Van Gogh and Picasso, and is used extensively in teaching and learning.

What you study

Year 1: You'll study a breadth of material - from the ancient world to the present - as well as uncovering the evolution of the art space, from academies to museums, from art fairs to biennials. Core units explore art from the Ice Age, though baroque and rococo, to the present day.

Year 2: As well as studying Art in Theory and The Afterlife of Objects, you'll explore specific art forms and periods of interest through optional units including Autonomous Objects: Sculpture Since 1900, British Art from Turner to Whistler, and Greek Art and The City State.

Year 3: As well as undertaking a research-informed dissertation, you'll select seminar units covering a host of specialist topics ranging from The Social Eye: Documentary and Anti-documentary in Photography to Northern Renaissance Art. You'll also supplement your study with hands-on learning through a work placement.

Skills and job opportunities

Our graduates go on to work in a breadth of sectors, including media, creative and cultural, advertising, marketing and sales, hospitality, sport and leisure, and heritage, museums and galleries. Recent graduate career destinations include exhibitions curator at the Royal Collection, archivist at Tate Liverpool and art officer at English Heritage.

Find out more

-  www.manchester.ac.uk/arthistoryvisualstudies
-  @AHVS_UoM
-  /UoMSALC

Contact details

-  ug-ahvs@manchester.ac.uk
-  +44 (0)161 306 1251

Humanitarian and Conflict Response

Typical offer

A-level AAB-ABB
IB 35-34 (665-655 at HL)
IELTS score 6.5

International Disaster Management and Humanitarian Response BSc 3yrs*
UCAS code: VL38

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

This course offers opportunities for:

-  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

- Opportunity to engage first-hand with the people, projects and organisations that shape humanitarian, global health, disaster management, conflict response and intervention issues around the world
- Active engagement in critical analysis of key debates and challenges in disaster management and humanitarian response
- Work placements and national/international fieldwork opportunities

The Humanitarian and Conflict Response Institute (HCRI) at The University of Manchester is a leading global centre for the study of humanitarianism, conflict response, global health, international disaster management and peacebuilding. We have forged global networks of academics and practitioners, bringing specialist knowledge and understanding of their geographical location to our teaching and research.

You'll explore methods for improving the building of disaster resilience in communities, both globally and in the UK. You'll develop research expertise, practical knowledge and management skills in disaster prevention, mitigation, preparedness, response and recovery in order to reduce negative impacts on health, social, economic and

environmental spheres. Your learning will be supplemented by field study - either in the UK or abroad - where you'll look at concepts such as emergency preparedness and response, and recovery and reconstruction in relation to a specific hazards and vulnerabilities.

What you study

You'll learn about humanitarian response systems, including their design, the work of the international community in relief work, and the challenges and opportunities in the humanitarian response agenda. We want our students to develop an informed attitude towards ethical issues impacting humanitarianism, including actions taken by government and non-government organisations in reaction to both natural and man-made disasters.

Your core study will be supplemented by optional course units, allowing you to tailor your study to specific needs or interests. This includes relevant multidisciplinary courses in history, politics, medicine, geography and development studies.

Year 1: Course units include Introduction to Disaster Studies, Introduction to Global Health, Natural and Anthropogenic Hazards and Introduction to Humanitarian Organisations and Systems.

Year 2: Course units include Emergency Planning and Response, Peacebuilding and Security Environments, Humanitarian Response to Crisis Case Studies and Development and Disaster. Year 2 also involves a work placement.

Year 3: As well as a dissertation, Year 3 includes course units such as Managing Disaster Organisations (including field work), War, Migration and Health and Research Methods.

Up to a third of your degree can include language study, such as French, Arabic, German, or Russian.

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. Our partners include Save the Children, International Alert, Médecins Sans Frontières, the Overseas Development Institute, ALNAP, Mines Advisory Group, and the International Federation of Red Cross and Red Crescent Societies.

Find out more

-  www.hcri.manchester.ac.uk
-  @HCRInstitute
-  /hcrinstitute

Contact details

-  ug-hcri@manchester.ac.uk
-  +44 (0)161 275 0245

International Relations

Politics and International Relations are taught together at Manchester. Find out more about Politics and International Relations on p109.

Italian Studies

Find out more about Italian Studies in the Modern Languages section of the prospectus on p98.

We also offer Joint Honours degrees which feature Italian in combination with another modern language; English Language; English Literature; European Studies; Linguistics; Biosciences; History; Latin or Business and Management. For a full list of course options and UCAS codes see the index at the back of this prospectus.

Japanese Studies

Find out more about Japanese Studies in the Modern Languages section of the prospectus on p98.

We also offer Joint Honours degrees which feature Japanese in combination with another modern language; English Language; Linguistics; Biosciences; or Business and Management. For a full list of course options and UCAS codes see the index at the back of this prospectus.

Law and Criminology

Typical offer

A-level AAA–ABB (subject-specific prerequisites apply. Please refer to website)
IB 37–34 (666–655 at HL, subject-specific prerequisites apply. Please refer to website)
IELTS score 7.0

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 offer opportunities for:

 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...

Social Sciences

Why Manchester

- Gain professional experience while you study by volunteering at one of our Legal Advice Centres
- Develop transferable skills through building professional global networks via our extensive links with overseas organisations
- Access specialised training and work placements through our Q-Step summer placements

The School of Law has provided high-quality legal education for over 140 years. We offer courses in criminology, law, health-care ethics, bioethics and medical law, making our range of specialisms one of the broadest in the country. The expertise of our staff is sought after globally.

Many of our academics have strong research links with organisations such as the United Nations, the World Trade Organisation, and the EU, as well as close links with legal practitioners, international law schools, the Home Office and the UN Crime Commission. Our students come from diverse backgrounds, both socially and internationally, and this makes for a dynamic and intellectually stimulating environment.

What you study

We expect you to spend around 40 hours per week studying, including between 10 and 12 hours per week in lectures and seminars. Seminars are groups of 12 students and a member of staff, in which you discuss and present aspects of the topic that you're learning.

Law LLB 3yrs

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

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

Year 2: Four foundational course units including Tort Law, European Union Law, Land Law 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, Company Law, Advocacy and the Law, Human Rights or Family Law. You can submit a dissertation in place of one of these subjects.

Criminology BA 3yrs

Criminology at Manchester enables you to understand why crime has become a dominant social problem, and how crime and criminal behaviour are related to other social issues.

Year 1: Common compulsory 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 practices and techniques used in contemporary criminal justice systems. Become familiar with specific patterns of crime and criminality. Study theoretical and operational issues associated with the regulation of behaviour in democratic societies.

Year 3: Specialist subject options include Comparative Analysis of Crime and Criminal Justice, Crime Prevention, Terrorism, Management of Offenders, Organised Crime, and Misuse of Drugs. Expand your understanding and appreciation of the inter-relationships between crime, law, criminal justice, and society.

Law with Criminology LLB 3yrs

Complete all the foundational law subjects and graduate with a Qualifying Law Degree, receiving LLB Law with Criminology.

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, Equity and Trusts, 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, Land Law, plus optional course units in Criminology), or to the 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

Complete all the foundational law subjects and graduate with a Qualifying Law Degree, receiving LLB Law with Politics.

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 Equity and Trusts, plus optional course units in Law and in Politics.

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, and Land Law), plus optional course units in Politics, or to the 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 undertake 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
-  /UoMSchoolofLaw
-  blog.law.manchester.ac.uk

Contact details

-  ug-law@manchester.ac.uk
-  +44 (0)161 306 1271

Life Sciences with an Integrated Foundation Year

You might also be interested in...

Biosciences

If you want to enter one of our biosciences degree courses, but do not have the appropriate entry qualifications – for example, if you've 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 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.

What you study

Biology: This makes up approximately half the core content. Lectures cover a wide range of areas, including cell biology, biochemistry, genetics, biotechnology, microbes and disease, ecology and physiology. Regular laboratory work reinforces the subject material and helps you to develop practical skills.

Chemistry: More than one-third of the core course consists of chemistry, a sound grasp of which is essential for

biological scientists. You'll study atomic structure, bonding, rates of reaction, inorganic and physical chemistry, organic, and medicinal chemistry.

Mathematics: You'll learn to manipulate and analyse experimental data accurately and to use statistical and mathematical techniques in a biological context

Find out more

-  www.manchester.ac.uk/lis
-  @lifesciencesuom
-  /LifeSciencesManchester
-  /manlifesciences

Contact details

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

Linguistics and English Language

Typical offer

A-level AAB–BBB (subject-specific prerequisites apply. Please refer to website)
IB 35–31 (subject-specific prerequisites apply. Please refer to website)
IELTS score 7.0

Linguistics

Linguistics BA 3yrs*
UCAS code Q100

English Language BA 3yrs*
UCAS code Q1Q3

Linguistics and Screen Studies BA 3yrs
UCAS code QW16

Linguistics and Social Anthropology BA 3yrs
UCAS code QL16

Linguistics and Sociology BA 3yrs
UCAS code QL13

English Language

English Language and English Literature BA 3yrs
UCAS code QQ10

English Language and Screen Studies BA 3yrs
UCAS code QW36

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

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.

Why Manchester

- The 2015 QS World University Rankings rank us in the top ten linguistics departments in Europe
- Manchester is the most linguistically diverse city in Western Europe – home to over 150 languages
- Conduct original research using the English manuscripts held by prestigious Special Collections of The John Rylands Library.

You might also be interested in...

Classics and Ancient History;
English Language for Education;
Modern Languages

Linguistics is the ideal subject for analytical minds. You'll delve into the science of language – an everyday phenomenon which impacts all our lives on a global scale. English Language covers the history of the subject. You'll study the sounds, words and structures of contemporary English, and have the opportunity to conduct first-hand research on linguistic variation in English in the UK and further afield. As a linguistics student, you'll study how children acquire language, and how they develop and manipulate their language skills according to need. You'll learn about the sounds and structures of speech, how words relate to thought, and how we use words to convey meaning, develop relationships and establish identities.

You'll study topics including the differences between the speech of men and women, and what happens when speakers of different languages come into contact. You'll also discover how language can be used to shape and manipulate ideas and opinions.

You'll have 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.

What you study

Year 1: Gain a solid grounding in linguistics and language with core course units including: Introduction to Phonetics and Phonology; Semantics; English Grammar; Sociolinguistics; Morphology and Syntax; and the Principles of

Linguistics. Choose from optional course units including Language, Mind and Brain; and The Linguistics of Names.

Year 2: Choose from a wide range of optional units tapping into academic expertise in a number of specialist fields – from Child Language Acquisition to Psycholinguistics, from The Linguistics of American English to Experimental Phonetics.

Year 3: Select from a wealth of different course options as diverse as Language and Mediality, Societal Multilingualism, Language Contact, and Formal Semantics and Syntax. You'll have the option to draw together your expertise in the form of a dissertation.

As a Joint Honours student you'll take an equal portfolio of our course units across your two subject areas in your first year. You can then weight both subjects according to your interests in your second and third year. As a Modern Language Joint Honours student you'll spend your third year abroad, immersed in the culture and linguistics of the country specific to your chosen language.

Skills and job opportunities

As well as specialist fields such as speech and language therapy, lexicography (dictionary work), translation, forensic linguistics, and teaching English as a first or foreign language, your skills will open up numerous paths with an international dimension – such as business and finance. You'll also have excellent all-round communication skills making you a strong contender for openings in

the media, PR, advertising, marketing and communications.

Our graduates have pursued successful careers at The Guardian, PwC, L'Oréal, Universal Music Group and Vodafone.

Find out more

-  www.manchester.ac.uk/languagesandlinguistics
-  @UoMLEL
-  www.manling.wordpress.com

Contact details

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

Management

Find out more about our Management courses under Business and Management on p64.

Management, Leadership and Leisure

Typical offer

A-level ABB–BBB
IB 34–32

IELTS score 6.5 overall, with 6.5 in writing and no less than 6.0 in any other component

Management, Leadership and Leisure BA 3yrs

UCAS code N871

Why Manchester

- Tailor your degree through options in sport, tourism and events management
- Build industry contacts and gain vital employability skills through UK and international work placements
- Manchester's leisure, cultural and tourism sector is thriving, boasting world-famous sport and music venues and a range of museums and art galleries, including Manchester Museum and the Whitworth, both located at the heart of our campus.

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...

Business and Management

Skills and job opportunities

Leisure is one of the fastest growing industries in the global economy. Whether you want to go into a leisure-based management or leadership position, or run your own leisure-related business, this degree will equip you with the necessary skills and knowledge. Meanwhile, the broad base of the course, particularly the focus on management and leadership skills, will lay the foundation for employment in other sectors.

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-mie-admissions@manchester.ac.uk
 +44 (0)161 275 0969

Materials Science

Typical offer

A-level AAA–AAB (including two of Mathematics, Physics and Chemistry)
IB 37–35 (including two of Mathematics, Physics and Chemistry at HL)
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 Textiles 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; Computer Science; Petroleum Engineering; Physics and Astronomy; Textiles; Engineering and Science with an Integrated Foundation Year

Why Manchester

- Europe's largest and most diverse university actively devoted to materials
- Excellent opportunities to meet potential employers
- All MEng courses are accredited by the Institute of Materials, Minerals and Mining (IOM3), leading to Chartered Engineer (CEng) status

Materials Science and Engineering combines an understanding of the fundamental behaviour of materials from jet engines to nano-robots, from artificial tendons to bullet-proof vests, and from the materials of today to those for future applications, such as graphene.

It's a practical subject at the heart of all major industrial sectors, which combines theory with practical application to meet engineering challenges.

What you study

Our courses give you maximum flexibility to follow your own interests as they develop during your time with us. With five specialist four-year courses, plus the option to create your own pathway through choices in Years 3 and 4, you're in control of what you study.

All MEng courses give you the option of undertaking a six-month industrial placement in the UK or overseas, at global companies such as Rolls-Royce, Airbus and Tata Steel, supported by training in business and management skills.

All our courses develop a strong foundation of theoretical and practical skills. The first two years are common to all courses and build on a fundamental understanding of the science and engineering application of all types of materials through taught units including 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.

Skills and job opportunities

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

Potential careers include consultancy, research and development, management positions, and teaching and technical roles within both large multinationals and smaller businesses.

Companies that our recent graduates have gone on to work for include Rolls-Royce, Airbus, Jaguar, 3M, Alcoa and Corus. Other graduates have chosen to apply their technical and analytical skills in fields such as patent law and accountancy. Our annual Made in Manchester careers event attracts many of the UK's leading employers of materials scientists.

Our degrees also provide an ideal springboard for higher-level study (eg towards a PhD), and approximately one-third of our graduates follow this route. Our School has an international reputation as one of the academic leaders in materials teaching and research.

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 (Including Mathematics)
IB 37 (18 points at HL including at least 6 in HL Mathematics)
IELTS score 6.0 to 6.5 overall, with 6.0 in writing and no less than 5.5 in any component

Mathematics BSc 3yrs
 UCAS code G100

Mathematics MMath 4yrs
 UCAS code G104

Actuarial Science and Mathematics BSc 3yrs
 UCAS code NG31

Mathematics and Philosophy BSc 3yrs
 UCAS code GV15

Mathematics and Statistics BSc 3yrs
 UCAS code GGC3

Mathematics and Statistics MMath 4yrs
 UCAS code GG13

Mathematics with Finance BSc 3yrs
 UCAS code G1N3

Mathematics with Financial Mathematics BSc 3yrs
 UCAS code G1NH

Mathematics with Financial Mathematics MMath 4yrs
 UCAS code G1NJ

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.

Why Manchester

- £43 million building, purpose-built for mathematics, with PC clusters, study areas, a cafe, meeting rooms and communal areas
- Excellent links with employers, including an annual maths-specific careers fair and an employer interview programme
- One of the largest mathematics departments in the country, allowing you to explore a huge range of areas across the discipline

You might also be interested in...

Accounting and Finance; Computer Science; Economics; Engineering; Physics and Astronomy; Engineering or Science with an Integrated Foundation Year

We've always been known for the quality of our teaching and degree courses. Today, our excellent resources and modern, purpose-built facilities enable us to offer considerable small-group teaching in your first year while you adjust to university life.

The number and quality of academic staff in our School gives you a huge range of options in your third (and fourth) years, allowing you the freedom to specialise in whatever area of mathematics you wish.

What you study

Single Honours

Year 1: Study a wide range of topics, including pure maths, applied maths, statistics and probability. Learn how to use maths software such as MATLAB.

Year 2: Half of your course units are choices, so you can start to specialise in some of the areas listed above, or 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

'Mathematics and X' courses are 50% maths; 'Mathematics with X' courses are two-thirds maths.

Year 1: Study a similar core of pure and applied maths, statistics and probability.

Further years: Enjoy some flexibility to specialise with optional course units.

Skills and job opportunities

You'll develop transferable skills in problem solving, organisation, logical thinking, attention to detail and analysis and interpretation of data.

Our maths graduates are in high demand, with some of our most recent graduates including accountants, actuaries, engineers, software developers and meteorologists. A significant number of our students go on to postgraduate study.

Every year we run a maths-specific careers fair open to all maths students. It is attended by a large number of employers from a wide variety of industries, and previous attendees include; Amazon, Amec, Barclays, BP, Deloitte, HMRC, IBM, the Institute and Faculty of Actuaries, Jaguar Land Rover and PwC.

Find out more

 www.manchester.ac.uk/maths

 @ManUniMaths

 /ManUniMaths

Contact details

 ug-maths@manchester.ac.uk

 +44(0)161 275 5803 / 5804

Mechanical Engineering

Typical offer

A-level AAA-AAB (including Mathematics and Physics)
IB 37-35 (including Mathematics and Physics at HL)
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 4yrs
 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; Computer Science; Civil Engineering; Electrical, Electronic and Mechatronic Engineering; Mathematics; Physics and Astronomy; Engineering and Science with an Integrated Foundation Year

Why Manchester

- Manchester was the first English university to offer an engineering degree
- Extensive engineering industry links, elevating undergraduate teaching and groundbreaking 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 complexities are all created by mechanical engineers.

The economic impact of this discipline is enormous and there is no major economy that does not have a dynamic and vibrant mechanical engineering industry.

Mechanical engineering is a highly challenging subject that stretches students of the highest intellect.

A professional mechanical engineer needs a sound understanding of the engineering science, strong analytical skills, practical judgement, creativity and the ability to work with and manage people.

You'll have access to excellent resources for information, computation and experimentation, such as extensive laboratories and specialist design software, all of which are essential for degree success.

What you study

Our degrees produce graduates that are highly valued by employers. Courses are delivered in a variety of teaching styles that reflect the diversity of topics covered in modern mechanical engineering and the range of skills and expertise that you must develop as a professional engineer. Our students are often involved in working on projects with commercial partners and this enables our teaching to be up-to-date and relevant.

Years 1 and 2: Gain basic engineering knowledge and skills across the breadth of the discipline.

Year 3: You'll further develop your knowledge and skills. Options are introduced and a major individual project.

Year 4 (MEng students): You'll be provided with a wider range of advanced options to suit your interests and career aspirations, and also work on a major group project.

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

Skills and job opportunities

Professional mechanical engineers can work in a whole range of industries and our graduates enter the full breadth of aerospace, automobile, building services, construction, electronics, manufacturing and the process industries. The demand for mechanical engineers is high and relatively stable. Mechanical engineers also find employment opportunities in other branches of engineering, where their key skills can play important roles.

You'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.

As a graduate of Mechanical Engineering with Industrial Experience or Mechanical Engineering with Management, 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.manchester.ac.uk/mace

 @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 p76.

M

Medicine

Typical offer

A-level AAA (including Chemistry plus one of Biology/Physics/Mathematics and one further rigorous academic subject)
IB 37 (667 at HL including Chemistry, one of Biology/Physics/Mathematics, core; minimum 555 at SL), UKCAT required
IELTS score 7.0 overall, with no less than 7.0 in any one component taken at the same sitting

Medicine MBChB 5yrs
UCAS code A106

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

You might also be interested in...

Biosciences

Why Manchester

- Themed case-based discussions in small groups, with whole-body cadavers and virtual dissection used in anatomy
- Early clinical experience from Year 1 in National Health Service (NHS) hospitals and GP surgeries, underpinned by innovative consultation skills teaching
- First medical school in Europe to provide clinically based students with iPads as a learning aid

Manchester's Medicine course educates, trains and prepares students for practice in the health-care systems of today and the future. We're the largest medical school in the UK with more than 2,200 undergraduate students.

Upon graduation you'll be able to apply your knowledge and intellectual and practical skills to understand and manage the complex health-care needs of individuals and society, while developing the resilience to meet the demands of changing health-care environments.

We use a wide variety of teaching and learning methods, but the key Manchester approach is the study of themed case discussions in small groups where students are proactive learners. This is supported throughout the course by lectures, practical classes (including anatomy dissection) and clinical experience. Our course integrates science and clinical learning, so you're

able to apply scientific knowledge and concepts to your clinical practice.

Our flexible course allows you to create a bespoke education suited to your specific interests. A European studies option allows those with relevant, pre-existing language ability to develop competency in medical terminology and gain exposure to other European health-care systems.

What you study

Our course integrates science and clinical learning to enable you to apply scientific knowledge and concepts to your clinical practice.

Years 1 and 2: Study the foundations of the biomedical, social, behavioural and clinical sciences underpinning medicine. Shortly after starting your scientific studies, you'll have the opportunity to apply this knowledge in a clinical setting by meeting patients in the community and in our teaching hospitals.

Years 3 and 4: Clinical science teaching will be ongoing, but with a significant increase in clinical learning in teaching hospitals and community settings; the driver is to enable you to acquire clinical competence. Year 3 will emphasise placements in general medical and surgical environments, broadening your clinical practice in Year 4 in a variety of clinical specialities.

Year 5: Consolidate and integrate your previous four years of study and prepare for practice as a graduate. You'll take on supervised responsibility for patient care.

Our course also allows you to interrupt your medical studies for one year to study an intercalated degree.

Skills and job opportunities

Graduates of the MBChB Medicine course meet the core requirements for junior doctors, and successful completion entitles you to apply for provisional registration with the General Medical Council and apply for Foundation Year 1 posts. For more information visit our website.

Most UK medicine graduates go on to work as hospital doctors or in primary care for the UK's NHS. Up to 50% of all UK medicine graduates become GPs, providing health care for local communities. However, a broad spectrum of careers is open to you across medical, surgical and other specialties.

Find out more

-  www.manchester.ac.uk/mms
-  @MMS_UoM
-  /manchestermedicalscool

Contact details

-  ug.medicine@manchester.ac.uk
-  +44 (0)161 275 5025 / 5774

M

Midwifery

Typical offer

A-level AAB-ABB (typical offer varies according to academic background. Please refer to website)
IB 34 (655 at HL including Biology or Chemistry)
IELTS score 7.0 overall with no less than 7.0 in each component

Midwifery BMidwif 3yrs
UCAS code B720

You might also be interested in...

Biosciences; Medicine

Why Manchester

- Combined learning: you'll spend the majority of your time studying two days a week in the University and three days a week in placement. This approach helps you apply theory to practice
- Midwifery electives: choose from a range of specialist elective options that allow you to broaden your knowledge and skills. This may be in the UK, international (self-funded), within education or research
- Gain an additional qualification: examination of the newborn qualification is included in this course

This is a contemporary and innovative course, underpinned by a female-focused approach. Our curriculum, which incorporates the very latest thinking and discoveries, has been highly commended by the Nursing and Midwifery Council (NMC) and is designed to develop you into a first-class midwife. At the end of your three-year course, as a sought-after graduate, you'll be able to register with NMC and practise midwifery anywhere in the UK and in many other parts of the world.

What you study

Year 1: Develop basic clinical skills, learn about biosciences in relation to childbearing and grow to understand

women's needs during pregnancy and birth, and after birth. Placements start from week 8 and continue throughout your degree. You're likely to work three days in placement and two days at the University each week.

Year 2: Focus on providing midwifery care for women with more complex needs, including safe management of medications.

Year 3: This year will help you develop your confidence and competence, preparing for employment, by enhancing your skills for managing midwifery emergencies and helping you develop strategies to tackle common health issues and contemporary midwifery challenges.

Skills and job opportunities

In addition to midwifery competencies, you'll learn about public health, research and leadership. As well as gaining an academic qualification, successful students become eligible for registration with the NMC as a midwife, allowing you to practise in a wide range of settings across the UK.

Find out more

-  www.manchester.ac.uk/midwifery

Contact details

-  ug.midwifery@manchester.ac.uk
-  +44 (0)161 306 7602

Modern Languages

Typical offer

A-level AAA–BBB (subject-specific prerequisites apply. Please refer to website)
IB 37–31 (subject-specific prerequisites apply. Please refer to website)
IELTS score 7.0

Please note that entry requirements vary according to subject/course. Please refer to the course index on p120 and website for specific entry/subject requirements.

Arabic Studies BA 4yrs*
 UCAS code T624

Chinese Studies BA 4yrs*
 UCAS code T100

French Studies BA 4yrs*
 UCAS code R110

German Studies BA 4yrs*
 UCAS code R210

Italian Studies BA 4yrs*
 UCAS code R300

Japanese Studies BA 4yrs*
 UCAS code T200

Russian Studies BA 4yrs*
 UCAS code R700

Spanish, Portuguese and Latin American Studies BA 4yrs
 UCAS code RR45

Modern Language Joint Honours (various subject combinations available) BA 4yrs
 UCAS codes vary – please see the course index on p120

East Asian Studies BA 3yrs
 UCAS code T300

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

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.

We offer a breadth of Joint Honours degrees which feature a combination of two modern languages, or a modern language combined with Biosciences, Business and Management, English Literature, European Studies, History, Linguistics and English Language, Latin or Mathematics. For a full list of available Modern Languages Joint Honours degrees see the course index on p120.

Why Manchester

- The QS World University Rankings 2015 rank Modern Languages at The University of Manchester fourth in the UK and sixth in Europe
- Close associations with key city-based cultural institutions, including the Alliance Française, Goethe-Institut, Società Dante Alighieri, Instituto Cervantes, Instituto Camões and the Confucius Institute
- We offer a range of bursaries and maintenance grants to support residence-abroad activity
- Manchester is the most linguistically diverse city in Western Europe – home to up to 200 languages
- Our University Language Centre can put you in touch with native speakers for regular conversation practice
- Undertake additional language learning courtesy of our Language Experience for All Programme, including Dutch, Urdu and Greek

Our modern languages provision is among the most diverse in the UK, featuring more than 100 different subject combinations. We offer nine different European, East Asian and Middle Eastern languages at degree level: Arabic, Chinese, French, German,

Italian, Japanese, Portuguese, Russian and Spanish. You can also learn Catalan and Portuguese as part of the Spanish programme, and learn Polish as part of the Russian programme.

All our languages can be studied from scratch or post A-level, whether you choose to study for a Single Honours degree – focusing on one language and culture or region – or for a Joint Honours degree, combining two languages together or one language with a subject like History, English Literature or Business and Management. As a Single Honours student you'll also have the option to study subjects from across the breadth of humanities and the University College for Interdisciplinary Learning.

Language study offers much more than just language fluency. You'll explore diverse aspects of the culture, society, history, politics and literature of the countries in which your chosen languages are spoken, helping you to develop intercultural awareness and communication skills – both highly valued by employers. Studies show that nearly two-thirds of UK businesses value foreign language skills. Through your studies you'll acquire transferable expertise at the very heart of language learning, including enhanced powers of perception and interpretation and advanced decision-making and multi-tasking skills.

With placement options available at partner universities and in professional environments across the globe, a compulsory third year spent abroad gives our undergraduate students unforgettable and invaluable personal and professional experience.

For more details, including residence-abroad configurations for Single and Joint Honours degrees, costs and financial support, available study destinations and work placement options, visit www.manchester.ac.uk/residenceabroad.

What you study

All of our Modern Languages courses share certain key features including:

- 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 free-choice course units across a host of subjects across the Faculty of Humanities, including 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 towards one subject or the other after Year 1;

- integrated training in transferable skills including oral and written presentations, IT skills, time management, leadership, and teamwork, designed to enhance your employability

In Years 1, 2 and 4 you'll have the opportunity to draw from specific research expertise in the shape of core and optional course units. Subject-specific examples include:

Arabic Studies: Women and Gender in the Middle East, Modern Arabic Literature and Culture and Society in the Middle East and North Africa

Chinese Studies: Modern China: from the Opium War to the post-Mao era, Contemporary Pop Culture in Greater China and The Chinese Economy

French Studies: Modern French Literature, Social Issues in France and Protest Music in France

German Studies: Culture and Dictatorship in 20th Century Germany, Satire on the German Stage and Turkish-German Culture

Italian Studies: Translating New Writing, Italian Fascism and An Introduction to the History of the Book (featuring hands-on primary material from the Special Collections of The John Rylands Library)

Japanese Studies: Media and Religion in Japan, Science and Civilisation in East Asia and Bodies, Gender and Sexuality in Modern Japan

Russian Studies: Literature and Censorship, Film and Ideology in Eastern Europe and Culture, Media and Politics in the Soviet Union and post-Soviet Russia

Spanish, Portuguese and Latin American Studies: Introduction to Interpreting, Cultures of Portuguese Colonialism and The Latin American Short Story

In Year 3 you'll have the opportunity to study and/or work for up to a year in a country (or countries) relevant to your chosen language(s). Whether you go to Hong Kong or Hamburg, São Paulo or Siena, you'll improve your communicative language skills through focused learning in a native-speaker environment, and develop a first-hand understanding of the history and culture of your host country.

Skills and job opportunities

Employers actively recruit our graduates for their excellent language and communications skills and in-depth intercultural understanding – both crucial in a range of sectors, from international business to relief work and development.

You'll graduate with a number of highly sought-after transferable skills such as self-motivation, leadership, adaptability, problem solving and critical thinking. You'll enhance your understanding and appreciation of diversity by learning about the attitudes and values of other cultures. You'll also develop independence and self-confidence during your period of residence abroad. Some of our courses also include

vocational-facing, optional course units, including language for business and translation and interpreting.

A degree in modern languages opens the door to an exceptionally broad range of careers, and employers are quick to identify skills in creative communication, observation and analysis, open-mindedness and resourcefulness. Our graduates have gone on to work in areas as diverse as broadcasting, business, PR and marketing, journalism, publishing, management consulting, politics, accounting and finance, translation, interpreting and education. Some graduates also choose to pursue further study.

Find out more

 www.manchester.ac.uk/modern-languages

Arabic and Middle Eastern Studies

 www.manchester.ac.uk/middleeasternstudies

Chinese Studies

 www.manchester.ac.uk/chinese

French Studies

 www.manchester.ac.uk/french

 /UoMFrench

German Studies

 www.manchester.ac.uk/german

 @UoMGerman

Italian Studies

 www.manchester.ac.uk/italian

 @UoM_Italian

Japanese Studies

 www.manchester.ac.uk/japanese

 /japanesemanchester

Russian and East European Studies

 www.manchester.ac.uk/russian

Spanish, Portuguese and Latin American Studies

 www.manchester.ac.uk/splas

 @splasmanchester

 /splasmanchester

Contact details

 ug.languages@manchester.ac.uk

 +44 (0)161 275 3211

Music

Typical offer

A-level AAA–AAB (A in Music)
IB 37–35 (6 or 7 in three HL subjects, including Music)
IELTS score 7.0

Associated Board (or equivalent examinations) Grade 8 is also required, preferably at distinction, on an instrument or voice.

Music MusB 3yrs*
UCAS code W302

Music MusB and Graduate Diploma RNCM 4yrs
(Joint course with The Royal Northern College of Music)
(Apply via www.cukas.ac.uk by 1 October, CUKAS code 399F)

Music and Drama BA 3yrs
UCAS code WW34

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

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...

Drama; History of Art and Visual Studies

Why Manchester

- National league tables consistently place us among the top universities in the UK for music
- £8.2 million facilities dedicated to music and drama
- Manchester is home to more professional music-making than any UK city outside London

Skills and job opportunities

You'll develop advanced skills in music, including performance skills, technical and creative proficiency in composition, and an understanding of issues central to music as a social, cultural and aesthetic phenomenon. In parallel you'll acquire

vital transferable skills ranging from creative problem solving to teamwork and leadership.

Recent alumni include some of the leading musicians of the new generation, such as conductor Jamie Phillips and composer Tom Coult. Equally, we're proud to see recent graduates in roles as diverse as Voicelab manager at the Southbank Centre, accountant at PwC and account manager at Saatchi & Saatchi.

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

Neuroscience

Neuroscience is one of our Biosciences courses. Find out more about Biosciences on p62.

Nursing

Typical offer

A-level BBB–BCC grades (including at least one of Biology, Chemistry, Psychology, Health and Social Care, Applied Science)
IB 31–30 (555 at HL, including at least one of Biology, Chemistry or Psychology)
IELTS score 7.0 overall with no less than 7.0 in each component

Adult Nursing BNurs 3yrs
UCAS code B740

Children's Nursing BNurs 3yrs
UCAS code B730

Mental Health Nursing BNurs 3yrs
UCAS code B762

You might also be interested in...

Biosciences; Medicine; Midwifery

Why Manchester

- Our nursing courses help students build up their knowledge by integrating theory with practice
- Clinical placements will provide you with the opportunity to work in trusts that offer specialist services
- You'll have the opportunity to undertake a clinical placement in an alternative setting in the UK or overseas to broaden your knowledge

The Manchester BNurs course boasts a national and international reputation for excellence, and has produced many of the country's leading nurse practitioners, researchers, academics and policymakers. This course is developed in close collaboration with service users and practice and academic staff to equip you with exemplary skills and knowledge to work in the modern National Health Service (NHS) and the independent sector. Our innovative curriculum is governed by the Nursing and Midwifery Council's standards for pre-registration nursing education and has an array of unique features.

What you study

Year 1: Study nursing theory and practice, anatomy and physiology, microbiology, pharmacology, social and behavioural sciences, epidemiology and public health, nursing knowledge and research, and communication. Clinical placements commence in Semester 2.

Year 2: Explore the therapeutic nature of nursing while applying your Year 1 study. There are three clinical placements during this year.

Year 3: Focus on the complexity of nursing within your field and apply in-depth knowledge to theory and practice. There is an emphasis on leading and managing in care. There are three clinical placements during this year.

Skills and job opportunities

As a highly desirable graduate, you'll have a choice of practising nursing, focusing on specific conditions and treatment pathways, undertaking research, going into a leadership role, returning to education and studying for a master's degree or teaching.

There are numerous employment opportunities available within NHS trusts and other health-care settings for newly qualified staff. A UK-registered nursing qualification is recognised in many countries around the world and therefore provides potential opportunities for travel and work abroad.

Find out more

 www.manchester.ac.uk/nursing

Contact details

 ug.nursing.bnurs@manchester.ac.uk

 +44 (0)161 306 7600 (Adult)

 +44 (0)161 306 7603 (Children's / Mental Health)

Optometry

Why Manchester

- Unique clinical experience at Manchester Royal Eye Hospital, one of Europe's leading eye hospitals
- Custom-built £4 million optometry facilities at the heart of the biomedical campus
- Emphasis on practical skills at one of the few UK universities that enables you to see patients from early in Year 1

In 2013 we celebrated 100 years of optometry teaching in Manchester. The British Optical Association was founded here in 1964, and we were the first UK university to introduce a course leading to a BSc in ophthalmic optics, the term now superseded by 'optometry'.

Optometrists undertake rewarding work in high-street practice or hospital eye clinics, where they prescribe and dispense spectacles, contact lenses and low-vision aids; treat problems with binocular vision; and, increasingly, work alongside ophthalmologists to monitor the treatment of ocular disease.

What you study

Year 1: Discover the scientific principles that underpin optometry, including the properties of light, the anatomy of the eye and the processing of vision in the brain. Learn about ophthalmic appliances, such as lenses, and instrumentation, such as retinoscopes.

Discover general eye examination techniques and start to meet patients in semester 2. Start our three-year personal and professional development (PPD) programme.

Year 2: Develop your knowledge of ophthalmic appliances and optometric instrumentation. Discover a broad range of new topics, including human disease processes, pharmacology, contact-lens practice and binocular vision. Develop your clinical skills so that by the end of the year, under supervision, you'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 MSci Optom course 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 two six-month clinical placements – in private practice and at an eye hospital – plus an advanced project and lecture courses.

Otherwise, you'll take Year 3 of the BSc, including further lectures on clinical subjects and pharmacology, extensive experience in the clinics, time at hospital, the final year of PPD and a dissertation.

Skills and job opportunities

Optometry is a vocational course with excellent career prospects. You'll develop the practical, clinical and communication skills required to work with patients, plus business skills and legal knowledge required for running your own optometry business.

Many Manchester graduates enjoy the challenge of establishing and running their own optometric practices, while others choose to work in the Hospital Eye Service. You could also teach or undertake research in industry or academia.

Find out more

-  www.manchester.ac.uk/life
-  [@lifesciencesuom](https://twitter.com/lifesciencesuom)
-  [/LifeSciencesManchester](https://www.facebook.com/LifeSciencesManchester)
-  [/manlifesciences](https://www.youtube.com/channel/UCmanlifesciences)

Contact details

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

Petroleum Engineering

Typical offer

A-level AAA (subject-specific prerequisites apply. Please refer to website)
IB 37 (subject-specific prerequisites apply. Please refer to website)
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

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
- Major oil and gas companies actively recruit our graduates and offer internships and sponsorship for postgraduate study

You might also be interested in...

Chemical Engineering; Chemistry; Civil Engineering; Earth Sciences and Geology; Geography; Engineering and Science with an Integrated Foundation Year

Petroleum engineering is one of the primary disciplines in the exploration and production of oil and gas. Producing oil and gas from reserves effectively and safely is of immense economic importance, and requires a broad spectrum of knowledge and skills.

Petroleum Engineering at Manchester provides you with an understanding of fundamental geoscience, chemical, mechanical and materials engineering and mathematics – all delivered in an open and welcoming School, with low staff-student ratios.

Our exciting, technically challenging degree is led by industrially experienced academics and external lecturers with many years of petroleum engineering experience.

What you study

Year 1: Discover fundamental concepts such as the physical, chemical and mathematical concepts necessary to describe fluid flow in porous media, plus an overall introduction to earth science, so that you'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. Learn to develop scientific arguments and communicate scientific ideas.

Year 3: Learn principles of hydrocarbon production and field development strategies, including petroleum economics. Discover advanced methods using downhole geophysical measurements and drilling data to calculate in-place volumes and assess hydrocarbon recovery efficiency. Train in drilling, production and surface-facilities engineering, investigating how hydrocarbon production is optimised and brought to the surface. Undertake a group-based design project simulating flow within a reservoir, developing a field-development plan and designing well placement. Enjoy diverse teaching styles that will ensure you understand how to develop scientific arguments and communicate scientific ideas using written and oral methods.

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 this 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 leads to exciting careers in the oil and gas industry, including reservoir, production and drilling engineering, which offer the scope to work across the world in technically challenging and financially rewarding jobs. Our graduates have a very high employability record.

Throughout your degree, we'll offer advice and training on career opportunities and on developing your employability skills. You can meet and discuss graduate recruitment and internship opportunities with representatives of major energy companies and technical service providers visiting our School.

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

Find out more

-  www.manchester.ac.uk/sees
-  [@UoMSEES](https://twitter.com/UoMSEES)
-  [/UoMSEES](https://www.facebook.com/UoMSEES)

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 we are unable to include a typical offer in the prospectus. For complete and up-to-date information on our entry requirements, visit our website.

Pharmacy with a Foundation Year MPharm 1+4yrs

UCAS code B231

Why Manchester

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

You might also be interested in...

Pharmacy; Biosciences; Life Sciences with a Foundation Year

Our foundation year is a one-year, full-time course that forms part of our five-year integrated undergraduate degree leading to an MPharm. It offers you an excellent opportunity to adapt to the higher-education system and prepare for entry to our Master of Pharmacy (MPharm) degree course.

What you study

Teaching runs from the middle of September to the end of June (a total of 34 weeks) including six weeks for revision and examinations. This is four weeks longer than the standard University year, to maximise your preparation for degree-level study.

Course units in chemistry and biology – both of which feature mathematics – and a specific unit called The Orientation to Pharmacy provide appropriate learning opportunities for students from diverse backgrounds. Regular laboratory work reinforces some of the subject material and helps you to develop practical skills. We provide study-skills development and help with the core content through fortnightly tutorials.

You'll be assessed by formal examinations (80%) in January and June, and in coursework and tests throughout the year. Coursework assessment (20%)

in biology and chemistry will be mainly based on laboratory work.

Skills and job opportunities

If you progress on to our four-year MPharm course, pass your pre-registration year and qualify as a pharmacist, you'll have a wide choice of career options across settings including hospital, community and industrial pharmacy, academia, primary care, the National Health Service, agricultural and veterinary pharmacy, and the prison and army services.

Find out more

 www.manchester.ac.uk/pharmacy

Contact details

 ug.pharmacy@manchester.ac.uk

 +44(0)161 275 2411

Pharmacy

Typical offer

A-level AAA-ABB (including Chemistry, either Mathematics or Biology, and one further rigorous academic subject)
IB 35 points (665 at HL including 6 in Chemistry, 6 and 5 in either Mathematics or Biology and one other rigorous academic subject. If one of Mathematics or Biology is not studied at HL, it must be studied at SL)

IELTS score 7.0

Pharmacy MPharm 4yrs

UCAS code B230

Why Manchester

- Distinguished history: the first UK university to award degrees in pharmacy
- Manchester Pharmacy School scored 95% for overall satisfaction in the 2015 National Student Survey

You might also be interested in...

Pharmacy with a Foundation Year; Biosciences; Medicine

Study at Manchester and you'll get a pharmacy degree from a world-recognised institution – together with the skills and knowledge you need for a career in this field.

Pharmacists are highly trained medical professionals, qualified to give advice on health issues and medicines, and ensure the safe supply and use of medicines by the public. Qualifying as a pharmacist in the UK takes at least five years, in which time you must successfully complete:

- a General Pharmaceutical Council (GPhC) accredited Master of Pharmacy degree (full-time, four-year course);
- pre-registration training (one year);
- the GPhC registration exam.

Manchester has a long history of training successful graduates to enter all branches of the pharmaceutical profession. We offer you a unique opportunity to learn from real-life hospital pharmacists in pharmacy departments and on wards in three local National Health Service (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. These are underpinned by integrated professional practice, which enables you to apply your knowledge in the real-world setting of pharmacy practice. Most course units are compulsory but you may select units in your final year to suit your career aspirations.

In Year 1, you have an introductory placement. In Years 2, 3 and 4, you have regular half-day visits to local hospitals, where clinical sessions are held. In Year 4, you take the core subjects and select from options in medicine, as well as selecting a research project.

You'll learn through a wide variety of teaching and learning activities, including lectures, tutorials, practical classes, team-based learning sessions, computer-assisted learning, group work and research projects.

You'll be assessed mainly in end of semester examinations by essay-type questions, short answers, multiple-choice questions and computer-based assessment. Other forms of assessment include oral and poster presentations, report-writing skills through a project, and practical skills by continuous assessment of classes and practical examinations. Your final degree classification is based on the results of examinations in every year and your Year 4 project.

Skills and job opportunities

You'll gain a broad-based, scientifically and clinically strong education in pharmacy, which will enable you to enter all areas of the profession. You'll be conversant with the professional aspects of pharmacy, able to communicate effectively and able to appreciate the professional and social role of the pharmacist.

Once qualified, a pharmacist has a wide choice of career options in settings including hospital, community and industrial pharmacy, academia, primary care, the NHS, agricultural and veterinary pharmacy, and the prison and army services.

Find out more

 www.manchester.ac.uk/pharmacy

Contact details

 ug.pharmacy@manchester.ac.uk

 +44(0)161 275 2334

Philosophy

Typical offer

A-level A*A*A-ABB (subject-specific prerequisites apply. Please refer to website)
IB 39–34 (subject-specific prerequisites apply. Please refer to website)
IELTS score 6.5 overall with no less than 6.0 in any component

Philosophy BA 3yrs

UCAS code V500

Economics and Philosophy BAEcon 3yrs

UCAS code LV15

Mathematics and Philosophy BSc 3yrs

UCAS code GV15

Philosophy and Criminology BASS 3yrs

UCAS code VL53

Philosophy and Politics BASS 3yrs

UCAS code VL52

Philosophy and Quantitative Methods BASS 3yrs

UCAS code P567

Physics with Philosophy BSc 4yrs

UCAS code F3V5

Physics with Philosophy MPhys 4yrs

UCAS code F3VM

Social Anthropology and Philosophy BASS 3yrs

UCAS code LV65

Sociology and Philosophy BASS 3yrs

UCAS code LV35

Many of these courses offer opportunities for:

 study abroad

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

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

You might also be interested in...

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

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: Begin to develop your understanding of issues introduced in the first year and explore new areas, such as logic, aesthetics, philosophy of religion and phenomenology.

Final year: 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 human-resources professionals. 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*AA (including Physics and Mathematics)

IB 39–38 (776 at HL 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

Mathematics and Physics BSc 3yrs

UCAS code FG31

Mathematics and Physics MMath&Phys 4yrs

UCAS code FG3C

Physics with Astrophysics BSc 3yrs

UCAS code F3F5

Physics with Astrophysics MPhys 4yrs

UCAS code F3FA

Physics with Philosophy BSc 3yrs

UCAS code F3V5

Physics with Philosophy MPhys 4yrs

UCAS code F3VM

Physics with 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.

Why Manchester

- Consistently high record of student satisfaction, with an average score of 94% over the past nine years
- Ranked the 13th best physics department in the world in the Academic Ranking of World Universities
- The breadth of our research portfolio is reflected in a broad undergraduate curriculum with lots of choice, flexibility and opportunities

You might also be interested in...

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

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

Physics is the most fundamental of the sciences. A Manchester degree will give you a thorough understanding of the physical world, as well as a deep insight into physics applications and technology.

Our diverse research interests mean we have experts in many different fields of physics, who provide an exciting undergraduate curriculum with a strong element of choice and flexibility. Research areas include: nuclear and particle physics; cosmology and astrophysics; condensed and soft matter physics (including graphene, superfluids, photovoltaics and solid-state lighting); non-linear dynamics and chaos; atomic and laser physics; accelerators; biophysics; and complexity and theoretical physics.

State-of-the-art facilities for teaching have been enhanced by a recent £75 million building refurbishment and new building, and include a dedicated undergraduate physics library, computing facilities and areas for private study that are available for extended hours. A new £10 million investment will provide enhanced undergraduate laboratory and teaching facilities and is due to open in 2017.

What you study

The undergraduate course reflects our broad research portfolio, providing a thorough grounding in the fundamentals of physics and giving you significant freedom to follow your own interests with a large variety of options.

Years 1 and 2: Gain a foundation in classical physics including dynamics, waves and oscillations, electromagnetism and thermal physics. Discover new concepts such as relativity, quantum mechanics and cosmology.

Years 3 and 4: Apply your core knowledge to a diverse range of topics, such as particle and nuclear physics, lasers and photonics, biophysics, stellar evolution, radio astronomy, superconductors and superfluids, and more advanced aspects of theoretical physics.

Physics is driven by the interplay between theory and experiment. In our well-equipped teaching laboratories, you'll begin to learn basic experimental skills and data analysis. As your laboratory skills develop, you'll enjoy the challenge of more extensive experiments, and in Year 4, research projects that are based within the School's research groups.

Skills and job opportunities

Graduate physicists take a creative approach while thinking logically and critically about problems. They have highly developed mathematical and computing skills, and are particularly good at the analysis and interpretation of numerical data. Their wide range of skills is transferable to a variety of jobs and industries, leaving career options open until graduation.

Our graduates work in science, technology and computing, as anything from a PhD researcher to many types of technologists, computer programmers and engineers. Many Manchester graduates also harness their analytical and numerical skills in the commercial, financial, actuarial and business sectors, pursuing careers in management, banking and marketing.

Manchester was awarded a prestigious Regius Professorship by the Queen in 2013 – the only one in physics – recognising the exceptionally high quality of our educational and research activities.

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 less than 6.0 in any other component

Environmental Management BA 3yrs
UCAS code F851

Urban and Regional Planning BA 3yrs
UCAS code P345

Planning (MPlan Integrated Master's) 4yrs
UCAS code K401

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; Environmental Science; Geography

Why Manchester

- Degrees accredited by professional bodies, including the Royal Town Planning Institute (RTPI) and the Royal Institution of Chartered Surveyors (RICS)
- Develop practical skills in the project studio with drawing facilities and specialist design and spatial analysis software
- Put theory into practice through work-experience placements and on field trips in the UK and overseas

Effective planning and environmental management is crucial in an age when governments and societies all over the world are struggling with sustainable development. To address the problems facing the communities and places in which we live and work, we need to understand the relationships that bind together the economy, society and the environment. This includes community, social justice, economic development, urban design, biodiversity and climate change, as well as transport infrastructures, rural management, affordable housing and job creation.

Manchester has 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, and environmental management and assessment, we place a strong interdisciplinary emphasis on our work.

Manchester is a great place to study planning, real estate and environmental management; it was the world's first industrial city and is now a vibrant 21st-century metropolis. It's a place of major urban change with plenty of scope to explore development pressures and environmental impact.

What you study

Year 1 in all courses provides a broad introduction to debates in planning, environmental management and urban studies. Fieldwork is an integral part of all our courses, providing the opportunity to explore real-life planning and environmental management issues.

Environmental Management

Learn about the management of environmental resources and the way in which society interacts with them. Understanding both scientific principles and relevant policy frameworks is essential if we are to change thinking about the environment and our behaviour towards it. You'll focus on understanding environmental processes and management through course units including Environment and Society, Landscape Ecology, Global Climate Change, and Environmental Law.

Urban and Regional Planning

You'll gain basic academic and professional training in planning. You'll consider the issues faced by professionals in dealing with the planning and management of all aspects of our built and natural environments. Course units include Urban Policy and Politics, Rural Planning, Planning Law, Infrastructure and Spatial Planning, and Sustainable Communities. This course is partially accredited by the RTPI.

Integrated Master's

Our three-year Urban and Regional Planning degree, plus a fourth year of specialist master's level study. These courses are accredited by the RTPI and RICS.

- **Master of Planning:** Gain an academic and professional training in planning. Course units include International Planning, Environmental Impact Assessment, Urban Design, and Urban Redevelopment.

- **Master of Planning with Real Estate:** Gain an academic and professional training in planning, real estate and property development. Course units include Real Estate Law, Property Valuation, Strategic Asset Management and Land and Development.

Skills and job opportunities

Our courses lead to diverse employment opportunities across public and private sectors; more than half of RTPI membership is based in the private sector.

Our graduates are popular with employers, particularly in consultancy and the development sector, where the ability to analyse and propose policies and implement strategies is vital. After London, Manchester hosts the largest number of planning and environmental consultancies in the UK.

You'll gain skills in a discipline that requires the application of knowledge to solve problems and develop opportunities, now and in the future. If you decide not to follow a vocational career, your wide knowledge base and transferable skills in problem solving, strategic thinking, teamwork, creativity and communication will be sought after by employers.

Find out more

 www.manchester.ac.uk/planning

 @PlanningUOM

Contact details

 ug-planningem-admissions@manchester.ac.uk

 +44 (0)161 275 0969

Politics and International Relations

Typical offer

A-level AAB–ABB (subject-specific prerequisites apply. Please refer to website)

IB 35–34 (subject-specific prerequisites apply. Please refer to website)

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

Philosophy and Politics BASS 3yrs
UCAS code VL52

Politics and Criminology BASS 3yrs
UCAS code LM29

Politics and Quantitative Methods BASS 3yrs
UCAS code P467

Politics and Social Anthropology BASS 3yrs
UCAS code LL26

Politics and Sociology BASS 3yrs
UCAS code LL23

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 home of the British Election Study
- Two members of our current staff have received national recognition, winning the Political Studies Association Sir Bernard Crick Prize for Outstanding Teaching (2005, 2011)
- More than 45 research-active teaching staff offer 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're 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've 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 then 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 consulting analysts, parliamentary researchers, policy officers and research analysts.

Find out more

 www.manchester.ac.uk/politics

 @UoMPolitics

Contact details

 socialsciences@manchester.ac.uk

 +44 (0)161 275 1473 / 4748

Politics, Philosophy and Economics

Typical offer

A-level AAB (subject-specific prerequisites apply. Please refer to website)
IB 35 (665 at HL, subject-specific prerequisites apply. Please refer to website)
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 graduates enter work or are in full-time study six months after finishing
- Active student-led society hosts academic and career events sponsored by Allianz, as well as regular social events
- 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 such as the World Bank and YouGov

Our Politics, Philosophy and Economics (PPE) degree is a structured 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 philosophically deep questions of metaphysics, ethics and mind, and learn to appraise competing answers to them.

What you study

Year 1: Study equally across the three disciplines, allowing you to progress smoothly into your second year 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: Start to 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.

Final year: 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, US Congress, and the Adam Smith Institute as financial analysts, graduate economics advisers, parliamentary assistants, policy advisers and assistant editors.

Find out more

 www.manchester.ac.uk/politics

 www.manchester.ac.uk/ppe

Contact details

 socialsciences@manchester.ac.uk

 +44 (0)161 275 1473/4748

Psychology

Typical offer

A-level AAB
IB 35 (665 at HL)
IELTS score 6.5 overall with no less than 6.5 in each component

Psychology BSc 3yrs
UCAS code C800

Cognitive Neuroscience and Psychology BSc 3yrs
UCAS code BC18

For Cognitive Neuroscience and Psychology see Biosciences

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...

Biosciences; Social Anthropology

Why Manchester

- World-class rankings: 8th in the UK and 41st in the world in psychology in the 2015 QS University Ranking
- Our course covers cutting-edge psychology research with breadth and depth, delivered by leading scientists and practitioners
- Course content focuses on transferable, practical skills, with placements that will prepare you for the job market

Our British Psychological Society (BPS) accredited degree offers a grounding in the main topics of the psychological sciences, helping you to take the first step towards a career in the field. The course is designed around four themes representing the modern discipline of psychology: mind and brain, evolution and development, adaptability and well-being, and communication and interaction.

What you study

Years 1 and 2: The core curriculum is based on our four themes, with individual units covering the central theoretical ideas and empirical findings in psychology. In Year 2 you have the opportunity to replace up to two psychology units with a diverse range offered by our University College for Interdisciplinary Learning, as well as the option to undertake a short (30-hour) work placement.

Year 3: Grouped within the same four themes, the 12 units offered in the final year reflect the research interests of our staff. You're free to select four of these advanced units, meaning that you can tailor your degree to match your personal interests and future ambitions. You'll also undertake a year-long research project on one of a range of topics, supervised by a member of staff.

Students wanting to broaden their degree can also swap one advanced psychology unit for up to two non-psychology units (from choices offered by University College for Interdisciplinary Learning and Business and Management for all courses). BSc Psychology has two four-year variants: BSc Psychology with International Study and BSc Psychology with Work Placement. You may be considered for entry to one of these courses at the end of Year 2.

Skills and job opportunities

Our emphasis on learning through research will equip you with valuable lifelong learning skills. You'll learn to identify and address critical questions, evaluate evidence and form persuasive arguments. You'll also gain key transferable skills, such as group work, leadership, data analysis, and verbal and written communication.

BPS accreditation means that our graduates often pursue further training as professional psychologists (clinical, educational or forensic psychologists). Other graduates currently hold positions in diverse areas such as mental health, PR, marketing, media, accountancy, teaching, health care and social work.

Find out more

-  www.manchester.ac.uk/psych-sci
-  @PsychManchester
-  www.psychologyatmanchester.edublogs.org

Contact details

-  ug-psychology@manchester.ac.uk
-  +44 (0)161 275 8584

Religions and Theology

Typical offer

A-level ABB–BBB (subject-specific prerequisites apply. Please refer to website)
IB 34–31 (subject-specific prerequisites apply. Please refer to website)
IELTS score 7.0

Religion and Anthropology BA 3yrs
 UCAS code VL66

Religions and Theology BA 3yrs*
 UCAS code V600

Theological Studies in Philosophy and Ethics BA 3yrs
 UCAS code V610

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

Many of these courses offer opportunities for:

-  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...

Philosophy; Social Anthropology

Why Manchester

- *The Guardian University Guide 2016* ranks us in the top ten religions and theology departments in the UK
- Undertake study in the context of a vibrant, multicultural, multi-faith city
- Opportunity to study to read scriptures in their original language

Religions and Theology at Manchester offers you the opportunity to engage with a wide range of traditions and beliefs, covering all periods up to the present day. Our courses are supported by our culturally rich location and the academic expertise of internationally recognised scholars.

We offer a remarkable breadth of study – one of the widest ranges of courses on offer at any British university. You can study ancient Hebrew, Greek or Sanskrit, learn about Hindu, Buddhist, Jewish and Islamic traditions, pursue an interest in the Bible or Christian theology, or discover the different approaches to religion offered by sociology, anthropology and philosophy. You'll explore topics that are

crucial to understanding the shape of our current multicultural society – from religion, culture and gender to Holocaust theory, from sacred spaces to apocalyptic expectation.

What you study

Religion and Anthropology

Scholars of religion increasingly use anthropological concepts and tools to formulate questions regarding religious phenomena, while religious ritual and magico-religious practice have long been standard topics in the research of anthropologists. You'll discover how studying religion and culture can unite two diverse disciplines in intriguing ways.

Religions and Theology

Explore the facts and challenges of diversity and pluralism in different religions. This highly flexible degree allows you to concentrate on a specific religious tradition or study a variety according to your interests. Our courses cover Hindu and Buddhist worldviews, Islam, Judaism, and Christianity, and include theology, history and biblical studies.

Theological Studies in Philosophy and Ethics

Study continental philosophy and Christian theology and consider their relationship to Indian, Jewish and Islamic theologies and philosophies. From arguments for God's existence to interactions between religion and politics, you will analyse key issues in theological and philosophical debate, identifying strengths and weaknesses and constructing your own arguments.

Skills and job opportunities

Graduates with knowledge and understanding of different cultural and religious beliefs are highly valued by many employers. You'll develop extensive transferable skills, including: the ability to research, analyse and synthesise different sources of information; teamwork and communication skills honed in tutorials and group projects; the ability to exhibit empathy and imaginative insight; and the ability to show initiative and independence of mind.

Our graduates have pursued successful roles in teaching, media, banking, publishing, legal services, civil service, religious organisations and non-governmental organisations. Many have gone on to further study and, in turn, positions within academia in the UK and further afield.

Find out more

-  www.manchester.ac.uk/religion
-  @UoMReligion
-  /Religion.Manchester

Contact details

-  ug-relth@manchester.ac.uk
-  +44 (0)161 306 1252

Russian and East European Studies

Find out more about Russian Studies in the Modern Languages section of the prospectus on p98.

We also offer Joint Honours degrees which feature French in combination with another modern language, English Language, European Studies, Linguistics or Business Management. For a full list of course options and UCAS codes see the index at the back of this prospectus.

Social Anthropology

Typical offer

A-level ABB (subject-specific prerequisites apply. Please refer to website)
IB 34 (subject-specific prerequisites apply. Please refer to website)
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

Why Manchester

- Opportunity to broaden your experience with a year abroad at one of our partner universities
- 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 100% overall satisfaction (Unistats)

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, and new reproductive and genetic technologies and engineering. We also have specialisms in the study of borders, place and space, and the study of kinship, class and caste, conducting our research on our own doorstep as well as in other parts of the world.

What you study

Few students will have studied anthropology previously.

Year 1: Build a strong foundation in key concepts, approaches and questions. Course units include Culture and Power, Key Ideas in Social Anthropology and The Study and Practice of Anthropology at Manchester.

Year 2: Start to 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.

Optional year abroad (dependent on first-year marks): 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 of Years 1 and 2.

Skills and job opportunities

Social Anthropology at Manchester prepares you to meet the demands of new and unexpected situations. Employers are increasingly recognising the value of a degree that combines an understanding of culture and society with practical people skills.

Some of our most recent graduates are now employed by Friends of the Earth, the General Medical Council, social services, the Department for Work and Pensions, and RBS working in roles such 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

Social Sciences

Typical offer

A-level ABB (subject-specific prerequisites apply. Please refer to website)
IB 34 (subject-specific prerequisites apply. Please refer to website)
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 offer opportunities for:

 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 Relation; 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 such as 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 on an area in which to specialise. 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 global in comparative perspective (Social Anthropology); societal issues such as social inequalities and forms of everyday life (Sociology); and data and

analysis methods to understand the social world (Quantitative Methods). You may also study selected course units in Economics.

Year 1: Follow a broad programme of study that includes at least three of the six main areas. Enjoy a wide-ranging introduction to the social sciences and to some of the basic transferable, analytical and critical skills you'll need as a student and in later life. All students also take a course unit in social research methods.

Year 2: Choose the subjects in which you would like to specialise and explore these in greater depth through research-led teaching.

Year 3: Specialise in one area or combine two subjects. You'll 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

Contact details

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

Sociology

Typical offer

A-level AAB–BBB (subject-specific prerequisites apply. Please refer to website)
IB 35–32 (subject-specific prerequisites apply. Please refer to website)
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...

History; Law; Linguistics and English Language; Philosophy; Politics and International Relations; Social Anthropology

Why Manchester

- More than 45 members of research-active teaching staff, the department was ranked first in the UK for the percentage of our research outputs that are judged as 'world-leading', and second nationally for research power in the 2014 Research Excellence Framework
- As one of 15 Q-Step Centres taking part in a £19.5 million programme designed to promote a step-change in quantitative social science training, Sociology students can apply for a Q-Step paid internship at organisations such as the World Bank and the BBC

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've 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've 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: Begin to 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

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, the National Health Service, the 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

Spanish, Portuguese and Latin American Studies

Find out more about Spanish, Portuguese and Latin American Studies in the Modern Languages section of the prospectus on p98.

We also offer Joint Honours degrees which feature Spanish or Portuguese in combination with another modern language, English Language, English Literature, European Studies, Linguistics, Biosciences, History, Latin, Mathematics or Business Management. For a full list of course options and UCAS codes see the index at the back of this prospectus.

Speech And Language Therapy

Typical offer

A-level AAB (subject-specific prerequisites apply. Please refer to website)
IB 35 (665 at HL, subject-specific prerequisites apply. Please refer to website)
IELTS score 8.0 overall with no less than 7.5 in any component

Speech and Language Therapy BSc 3yrs

UCAS code B620

Why Manchester

- 90% of our 2014 graduates were in employment or further education within six months of graduation
- Our students won University and the Royal College of Speech and Language Therapists (RCSLT) awards several years running for volunteer work and peer-support schemes
- We provide professional training that involves employers and service user communities, responding to their changing priorities and needs

Speech and language therapists identify, assess and support the needs of people who have communication, eating, swallowing and drinking disorders. Our course gives you the core theoretical knowledge and clinical skills required by the profession, as well as the academic study of a higher-education qualification.

Excellent partnerships with local and regional speech and language therapy service providers also enable us to offer you clinical placements with supervision support. We emphasise scientific thinking, preparing you to incorporate clinical enquiry into your chosen career path.

All health-care professionals should be aware of the National Health Service (NHS) Constitution, the principles and values of which are embedded in your course. There is a great need for therapists who are fluent in more than one language and graduates with such skills would be a valuable addition to the profession; such candidates are therefore encouraged to apply.

What you study

You'll study both academic and clinical components throughout your course. Practical skills training takes place in our well-equipped laboratories, while clinical training takes place within NHS and private clinics.

Year 1: Study foundation science subjects as they apply to speech and language therapy (clinical research, biomedical sciences, phonetics, linguistics, psychology and sociology)

and professional orientation and preparation towards your first four-week block clinical placement in the north-west region.

Year 2: Drawing on your clinical experience from Year 1, study focuses on developmental communication and swallowing disorders, as well as those acquired in adulthood. Study is more clinically focused in clinical linguistics, phonetics and research methods. Professional preparation continues towards your six-week block clinical placement.

Year 3: Apply more critical thinking to your studies as you move towards professional autonomy in your final year. Study builds upon Year 2, considering those living with lifelong disability as well as acquired neurological disorders and developing advanced research skills in your particular areas of interest. There is professional preparation towards your final six-week block clinical placement and looking beyond this to preparing you for employment as a speech and language therapist.

Skills and job opportunities

Our graduates are eligible to register with the Health and Care Professions Council and become a member of the RCSLT.

Speech and language therapists in the UK are mainly employed by the NHS, although there are opportunities within charitable and private organisations. Many therapists work in educational settings; some set up in independent practice, or take research posts.

Our curriculum, already regarded as outstanding, has been streamlined to ensure your time is used effectively towards our shared goal: to have you qualify as a health-care professional while allowing student choice and personalised learning.

Find out more

 www.manchester.ac.uk/psych-sci

Contact details

 ug-slt@manchester.ac.uk

 +44 (0)161 275 3389

Textiles

Typical offer

A-level AAB–ABB (must include Mathematics and at least one Science for UCAS code JJ49 only)

IB 35–33 (must include Mathematics and one science at HL or two sciences at HL for UCAS code JJ49 only)

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
- Annual Made in Manchester event promotes student placements and graduate opportunities from companies such as Next, Tommy Hilfiger and Arcadia

You might also be interested in...

Business and Management;
Materials Science

As an international centre for the cotton and textile trade known as 'Cottonopolis', Manchester was at the heart of the Industrial Revolution and has been educating textiles students since 1824. With the growth of textiles in the 1970s Manchester was once again well-placed to develop its portfolio of textiles-based courses to reflect the rapidly changing and diverse nature of the industry.

The dynamic nature of today's global fashion and textiles industries requires highly creative and flexible graduates with a wide range of skills. Textile design, manufacturing and testing is a complex science, and a demand for increasingly functional, comfortable and affordable fabrics is driving innovation in textile technologies and production.

Designers and design managers have crucial roles in turning textiles into profitable clothing. These creative individuals use cutting-edge computer-aided design and multimedia systems to meet (or make) consumer demands. They must provide the marketplace with the right designs at the right time and price. Awareness of technical, commercial, marketing and fashion aspects of the industry is essential.

Retailing is a dynamic sector with growing employment opportunities for graduates. There is a growing demand for professionals within global retailing organisations who can combine awareness of design and fashion with the necessary retail and management skills.

What you study

Our courses reflect the diverse nature of fashion and textiles at Manchester. All are underpinned by core units in textile science and technology, providing you with key skills in spinning, knitting, weaving, colouration and textile testing. This gives our students a unique understanding of the fundamental properties of textile products and gives you a huge advantage in the job market.

Our Textile Science and Technology degree gives you a fundamental understanding of fibre, yarn and fabric manufacture, and 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. This establishes the fundamentals in fashion, business and textile science and technology through core units that introduce you to fashion, management, marketing, retail and design management. You'll also take core textile-science units where you'll be introduced to fibres, materials, fabrics and textile production processes.

The second year builds on the first year by exploring specific aspects of management and marketing in depth, along with subjects such as product development, branding and textile technology. It also introduces subjects related to your chosen specialism.

Specialist knowledge is extended and consolidated during the final year.

All our courses offer the opportunity for a year of industrial experience or study abroad.

Skills and job opportunities

You'll develop many skills that are easily transferable and highly desirable by employers, including data analysis, forecasting, management and marketing, as well as key skills in textile technology.

Graduates of our fashion courses go into both the manufacturing and retail sectors of the textile and clothing industry as designers, design managers, selectors, buyers, stylists and producers. Companies that have recently employed our graduates include Marks and Spencer, Gap, Next, Paul Smith, John Lewis, Benetton, Laura Ashley, Matalan, DAKS Simpson and BHS.

Our Textile Science and Technology graduates either progress to research and manufacturing sectors of traditional textile firms, or work on technical textiles and composites, which are increasingly used in areas as diverse as the automotive industry and medical technologies. Companies that have recently employed our graduates include Speedo, Nike, Hugo Boss, Heathcoat Fabrics, Autoliv AB, Clear Edge Filtration, Unilever, the British Museum, Clariant and Heimbach.

Find out more

 www.manchester.ac.uk/materials

Contact details

 ug-materials@manchester.ac.uk

 +44 (0)161 306 4360

Course index



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Artificial Intelligence (4 Years) [MEng]	G702	70	Chemical Engineering (4 Years) [MEng]	H801	66
Artificial Intelligence with Industrial Experience (4 Years) [BSc]	G701	70	Chemical Engineering with Energy and Environment (4 Years) [MEng]	H8F4	66
Artificial Intelligence with Industrial Experience (5 Years) [MEng]	G703	70	Chemical Engineering with Industrial Experience (4 Years) [MEng]	H803	66
			Chemical Engineering with Study in Europe (4 Years) [MEng]	H810	66
B			Chemistry (3 Years) [BSc]	F100	67
Biochemistry (3 Years) [BSc]	C700	62	Chemistry (4 Years) [MChem]	F109	67
Biochemistry (4 Years) [MSci]	2C13	62	Chemistry with Industrial Experience (4 Years) [MChem]	F101	67
			Chemistry with International Study (4 Years) [MChem]	F104	67

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Chemistry with Medicinal Chemistry (3 Years) [BSc]	F150	67	D			English Language and English Literature (3 Years) [BA]	QQ10	80, 90	Fashion Marketing (3 Years) [BSc]	3S61	118		
Chemistry with Medicinal Chemistry (4 Years) [MChem]	F152	67		English Language and French (4 Years) [BA]	QR31	90	Fashion Retail (3 Years) [BSc]	6U72	118				
Children's Nursing (3 Years) [BNurs]	B730	101		Dentistry (first-year entry) (5 Years) [BDS]	A206	72	English Language and German (4 Years) [BA]	QR32	90	Finance (3 Years) [BAEcon]	N300	56, 75	
Chinese and Japanese (4 Years) [BA]	TT12	98		Dentistry (pre-dental entry) (6 Years) [BDS]	A204	72	English Language and Italian (4 Years) [BA]	QR33	90	French and Chinese (4 Years) [BA]	RT11	98	
Chinese and Linguistics (4 Years) [BA]	TQ11	90, 98		Development Studies (3 Years) [BAEcon]	L900	74	English Language and Japanese (4 Years) [BA]	QT32	90	French and German (4 Years) [BA]	RR12	98	
Chinese Studies (4 Years) [BA]	T100	98		Developmental Biology (3 Years) [BSc]	C141	62	English Language and Portuguese (4 Years) [BA]	RQ53	90	French and Italian (4 Years) [BA]	RR13	98	
Civil and Structural Engineering (4 Years) [MEng]	H220	68		Developmental Biology (4 Years) [MSci]	3L49	62	English Language and Russian (4 Years) [BA]	QR37	90	French and Japanese (4 Years) [BA]	RT12	98	
Civil Engineering (3 Years) [BEng]	H200	68		Developmental Biology with a Modern Language (4 Years) [BSc]	C1R9	62	English Language and Screen Studies (3 Years) [BA]	QW36	90	French and Linguistics (4 Years) [BA]	RQ11	98	
Civil Engineering (4 Years) [MEng]	H201	68		Developmental Biology with Industrial/Professional Experience (4 Years) [BSc]	C143	62	English Language and Spanish (4 Years) [BA]	QR34	90	French and Portuguese (4 Years) [BA]	RR15	98	
Civil Engineering (Enterprise) (4 Years) [MEng]	H204	68		Drama (3 Years) [BA]	W400	73	English Language for Education BA (3 Years) [BA]	X3Q1	79	French and Russian (4 Years) [BA]	RR17	98	
Civil Engineering with Industrial Experience (5 Years) [MEng]	H207	68		Drama and English Literature (3 Years) [BA]	WQ4H	73, 80	English Literature (3 Years) [BA]	Q320	80	French and Spanish (4 Years) [BA]	RR14	98	
Classical Studies (3 Years) [BA]	Q810	69	Drama and Screen Studies (3 Years) [BA]	WW46	73	English Literature and a Modern Language (French) (4 Years) [BA]	RQ13	80	French Studies (4 Years) [BA]	R110	82, 98		
Classics (3 Years) [BA]	Q800	69	E			English Literature and a Modern Language (German) (4 Years) [BA]	RQ23	80	G				
Cognitive Neuroscience and Psychology (3 Years) [BSc]	BC18	62, 111		Earth Sciences (4 Years) [MEarthSci]	F640	73	English Literature and a Modern Language (Italian) (4 Years) [BA]	RQ33		80	Genetics (3 Years) [BSc]	C400	62
Cognitive Neuroscience and Psychology with Industrial/Professional Experience (4 Years) [BSc]	BCC8	62, 111		East Asian Studies (3 Years) [BA]	T300	98	English Literature and a Modern Language (Spanish) (4 Years) [BA]	RQ43		80	Genetics (4 Years) [MSci]	6V14	62
Computer Science (3 Years) [BSc]	G400	70		Economics (3 Years) [BAEcon]	L100	74	English Literature and American Studies (3 Years) [BA]	QT37		58, 80	Genetics with a Modern Language (4 Years) [BSc]	C402	62
Computer Science (4 Years) [MEng]	G401	70		Economics (3 Years) [BSc]	L102	75	English Literature and History (3 Years) [BA]	QV31		80, 84	Genetics with Industrial/Professional Experience (4 Years) [BSc]	C401	62
Computer Science (Human Computer Interaction) (3 Years) [BSc]	I140	70		Economics and Finance (3 Years) [BAEcon]	LN13	56, 74	English Literature with Creative Writing (3 Years) [BA]	Q3W8		80	Geochemistry (3 Years) [BSc]	F670	73
Computer Science (Human Computer Interaction) (4 Years) [MEng]	I142	70		Economics and Philosophy (3 Years) [BAEcon]	LV15	75, 105	Environmental and Resource Geology (3 Years) [BSc]	F630		73	Geography (3 Years) [BA]	L700	82
Computer Science (Human Computer Interaction) with Industrial Experience (4 Years) [BSc]	I141	70		Economics and Politics (3 Years) [BAEcon]	LL12	75, 109	Environmental Management (3 Years) [BA]	F851		108	Geography (3 Years) [BSc]	F802	82
Computer Science (Human Computer Interaction) with Industrial Experience (5 Years) [MEng]	I143	70		Economics and Sociology (3 Years) [BAEcon]	LL13	75, 116	Environmental Science (3 Years) [BSc]	F850		81	Geography (4 Years) [MGeog Integrated Master's]	F800	82
Computer Science and Mathematics (3 Years) [BSc]	GG14	71		Electrical and Electronic Engineering (3 Years) [BEng]	H600	76	Environmental Science with a year abroad (4 Years) [BSc]	F750		81	Geography and Geology (3 Years) [BSc]	FF68	73, 82
Computer Science and Mathematics with Industrial Experience (4 Years) [BSc]	GG41	71		Electrical and Electronic Engineering (4 Years) [MEng]	H605	76	Environmental Science with Industrial Experience (4 Years) [BSc]	F75Z		81	Geography and Geology with a year abroad (4 Years) [BSc]	FF86	73, 82
Computer Science with Business and Management (3 Years) [BSc]	G4N2	71	Electrical and Electronic Engineering with Industrial Experience (4 Years) [BEng]	H606	76	European Studies and a Modern Language (French) (4 Years) [BA]	RR19	82	Geography and Geology with International Development (4 Years) [MGeog Integrated Master's]	D320	82		
Computer Science with Business and Management with Industrial Experience (4 Years) [BSc]	GNK1	71	Electrical and Electronic Engineering with Industrial Experience (5 Years) [MEng]	H601	76	European Studies and a Modern Language (German) (4 Years) [BA]	RR29	82	Geography with International Study (4 Years) [BA]	LF78	82		
Computer Science with Industrial Experience (4 Years) [BSc]	G405	70	Electronic Engineering (3 Years) [BEng]	H610	76	European Studies and a Modern Language (Italian) (4 Years) [BA]	RR39	82	Geography with International Study (4 Years) [BSc]	FL87	82		
Computer Science with Industrial Experience (5 Years) [MEng]	I100	70	Electronic Engineering (4 Years) [MEng]	H614	76	European Studies and a Modern Language (Portuguese) (4 Years) [BA]	RR59	82	Geography with International Study (4 Years) [BSc]	FL87	82		
Computer Systems Engineering (3 Years) [BEng]	HH66	71	Electronic Engineering with Industrial Experience (4 Years) [BEng]	H613	76	European Studies and a Modern Language (Russian) (4 Years) [BA]	RR97	82	Geography with Planning (4 Years) [MGeog Integrated Master's]	F801	82		
Computer Systems Engineering (4 Years) [MEng]	GH4P	71	Electronic Engineering with Industrial Experience (5 Years) [MEng]	H615	76	European Studies and a Modern Language (Spanish) (4 Years) [BA]	RR49	82	Geology (3 Years) [BSc]	F600	73		
Computer Systems Engineering with Industrial Experience (4 Years) [BEng]	HHQ6	71	Engineering with an Integrated Foundation Year (4 or 5 Years)	H108	78	F			Geology with Planetary Science (3 Years) [BSc]	F6F5	73		
Computer Systems Engineering with Industrial Experience (5 Years) [MEng]	H650	71	English Language (3 Years) [BA]	Q1Q3	90		Fashion Buying and Merchandising (3 Years) [BSc]	6G49	118	Geology with Planetary Science (4 Years) [MEarthSci]	F6FM	73	
Criminology and Quantitative Methods (3 Years) [BASS]	C856	114	English Language and Arabic (4 Years) [BA]	QT34	59		Fashion Management (3 Years) [BSc]	3M89	118	German and Chinese (4 Years) [BA]	RT21	98	
Criminology (3 Years) [BA]	M901	88	English Language and Chinese (4 Years) [BA]	QT31	90					German and Italian (4 Years) [BA]	RR23	98	

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German and Linguistics (4 Years) [BA]	RQ21	90, 98	Information Technology Management for Business (Strategy and Economics) with Industrial Experience (4 Years) [BSc]	GN55	64	Linguistics and Arabic (4 Years) [BA]	QT33	59, 90	Materials Science and Engineering with Biomaterials (4 Years) [MEng]	F201	93
German and Portuguese (4 Years) [BA]	RR25	98	International Business, Finance and Economics (3 Years) [BSc]	N1N3	64	Linguistics and Japanese (4 Years) [BA]	QT12	90	Materials Science and Engineering with Corrosion (4 Years) [MEng]	F203	93
German and Russian (4 Years) [BA]	RR27	98	International Business, Finance and Economics with Industrial/Professional Experience (4 Years) [BSc]	N1N4	64	Linguistics and Portuguese (4 Years) [BA]	QR15	90	Materials Science and Engineering with Metallurgy (4 Years) [MEng]	F200	93
German and Spanish (4 Years) [BA]	RR24	98	International Disaster Management and Humanitarian Response (3 Years) [BSc]	VL38	86	Linguistics and Russian (4 Years) [BA]	QR17	90	Materials Science and Engineering with Polymers (4 Years) [MEng]	F204	93
German Studies (4 Years) [BA]	R210	98	International Management (4 Years) [BSc]	N247	64	Linguistics and Screen Studies (3 Years) [BA]	QW16	90	Materials Science and Engineering with Textiles Technology (4 Years) [MEng]	F205	93
H			International Management with American Business Studies (4 Years) [BSc]	N2T7	64	Linguistics and Social Anthropology (3 Years) [BA]	QL16	90	Mathematics (3 Years) [BSc]	G100	94
History (3 Years) [BA]	V100	84	Italian and Chinese (4 Years) [BA]	RT31	98	Linguistics and Sociology (3 Years) [BA]	QL13	90	Mathematics (4 Years) [MMath]	G104	94
History and American Studies (3 Years) [BA]	VT17	58, 84	Italian and Japanese (4 Years) [BA]	RT32	98	Linguistics and Spanish (4 Years) [BA]	QR14	90	Mathematics and Philosophy (3 Years) [BSc]	GV15	94, 105
History and Arabic (4 Years) [BA]	VT33	59	Italian and Linguistics (4 Years) [BA]	RQ31	98	M			Mathematics and Physics (3 Years) [BSc]	FG31	107
History and French (4 Years) [BA]	VR11	84	Italian and Portuguese (4 Years) [BA]	RR35	98	Management (3 Years) [BSc]	N201	64	Mathematics and Physics (4 Years) [MMath&Phys]	FG3C	107
History and German (4 Years) [BA]	VR12	84	Italian and Russian (4 Years) [BA]	RR37	98	Management (Accounting and Finance) (3 Years) [BSc]	NN24	64	Mathematics and Statistics (3 Years) [BSc]	GGC3	94
History and Italian (4 Years) [BA]	RV31	84	Italian and Spanish (4 Years) [BA]	RR34	98	Management (Accounting and Finance) with Industrial/Professional Experience (4 Years) [BSc]	NN25	64	Mathematics and Statistics (4 Years) [MMath]	GG13	94
History and Portuguese (4 Years) [BA]	RV51	84	Italian Studies (4 Years) [BA]	R300	98	Management (Human Resources) (3 Years) [BSc]	N600	64	Mathematics with a Modern Language (4 Years) [BSc]	G1R9	94
History and Russian (4 Years) [BA]	RV71	84	J			Management (Human Resources) with Industrial/Professional Experience (4 Years) [BSc]	N601	64	Mathematics with Finance (3 Years) [BSc]	G1N3	94
History and Sociology (3 Years) [BA]	VL13	84	Japanese Studies (4 Years) [BA]	T200	98	Management (Innovation, Sustainability and Entrepreneurship) (3 Years) [BSc]	N200	64	Mathematics with Financial Mathematics (3 Years) [BSc]	G1NH	94
History and Spanish (4 Years) [BA]	VR14	84	L			Management (Innovation, Sustainability and Entrepreneurship) with Industrial/Professional Experience (4 Years) [BSc]	N202	64	Mathematics with Financial Mathematics (4 Years) [MMath]	G1NJ	94
History of Art (3 Years) [BA]	V360	85	Latin and English Literature (3 Years) [BA]	QQ36	69, 80	Management (International Business Economics) (3 Years) [BSc]	N246	64	Mechanical Engineering (3 Years) [BEng]	H300	95
I			Latin and Italian (4 Years) [BA]	QR63	69, 98	Management (International Business Economics) with Industrial/Professional Experience (4 Years) [BSc]	N248	64	Mechanical Engineering (4 Years) [MEng]	H303	95
Immunology (3 Years) [BSc]	C550	62	Latin and Linguistics (3 Years) [BA]	QQ61	69, 90	Management (International Studies) (3 Years) [BSc]	N120	64	Mechanical Engineering with Industrial Experience (5 Years) [MEng]	H301	95
Immunology (4 Years) [MSci]	C55M	62	Latin and Spanish (4 Years) [BA]	QR64	69, 98	Management (International Studies) with Industrial/Professional Experience (4 Years) [BSc]	N121	64	Mechanical Engineering with Management (3 Years) [BEng]	H3N1	95
Immunology with a Modern Language (4 Years) [BSc]	C55L	62	Latin with French (4 Years) [BA]	Q6R1	69, 98	Management (Marketing) (3 Years) [BSc]	N2N5	64	Mechanical Engineering with Management (4 Years) [MEng]	H3ND	95
Immunology with Industrial/Professional Experience (4 Years) [BSc]	C55P	62	Law (3 Years) [LLB]	M100	88	Management (Marketing) with Industrial/Professional Experience (4 Years) [BSc]	N2N6	64	Mechatronic Engineering (3 Years) [BEng]	HH36	76
Information Technology Management for Business (3 Years) [BSc]	GN51	64	Law with Criminology (3 Years) [LLB]	M1M9	88	Management (Marketing) with Industrial/Professional Experience (4 Years) [BSc]	N2N5	64	Mechatronic Engineering (4 Years) [MEng]	HHH6	76
Information Technology Management for Business with Industrial Experience (4 Years) [BSc]	GN5C	64	Law with Politics (3 Years) [LLB]	LM21	88	Management (Sustainable and Ethical Business) (3 Years) [BSc]	N234	64	Mechatronic Engineering with Industrial Experience (4 Years) [BEng]	HH63	76
Information Technology Management for Business (Accounting) (3 Years) [BSc]	GN54	64	Life Sciences (3 Years) [BSc]	C102	62	Management (Sustainable and Ethical Business) with Industrial/Professional Experience (4 Years) [BSc]	N235	64	Mechatronic Engineering with Industrial Experience (5 Years) [MEng]	HHP3	76
Information Technology Management for Business (Accounting) with Industrial Experience (4 Years) [BSc]	GN5D	64	Life Sciences with a Foundation Year (4 or 5 Years)	C900	90	Management with Industrial/Professional Experience (4years) [BSc]	N203	64	Medical Biochemistry (3 Years) [BSc]	C724	62
Information Technology Management for Business (Marketing) (3 Years) [BSc]	GN53	64	Life Sciences with a Modern Language (4 Years) [BSc]	C103	62	Management, Leadership and Leisure (3 Years) [BA]	N871	92	Medical Biochemistry (4 Years) [MSci]	6K47	62
Information Technology Management for Business (Marketing) with Industrial Experience (4 Years) [BSc]	GN52	64	Life Sciences with Industrial/Professional Experience (4 Years) [BSc]	C105	90	Materials Science and Engineering (3 Years) [BSc]	J500	93	Medical Biochemistry with Industrial/Professional Experience (4 Years) [BSc]	C741	62

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Microbiology (3 Years) [BSc]	C500	62		Petroleum Engineering (4 Years) [MEng]	H851	103	Politics and Criminology (3 year) [BASS]	LM29	109, 114	Software Engineering with Industrial Experience (5 Years) [MEng]	I300	71	
Microbiology (4 Years) [MSci]	7A22	62		Pharmacology (3 Years) [BSc]	B210	62	Politics and International Relations (3 Years) [BSocSc]	L200	109	Spanish and Chinese (4 Years) [BA]	RT41	98	
Microbiology with a Modern Language (4 Years) [BSc]	C502	62		Pharmacology (4 Years) [MSci]	2K46	62	Politics and Modern History (3 Years) [BA]	VL12	84	Spanish and Japanese (4 Years) [BA]	RT42	98	
Microbiology with Industrial/Professional Experience (4 Years) [BSc]	C501	62		Pharmacology and Physiology (3 Years) [BSc]	BB12	62	Politics and Quantitative Methods (3 Years) [BASS]	P467	109, 114	Spanish and Portuguese (4 Years) [BA]	RRK5	98	
Middle Eastern Studies (3 Years) [BA]	T601	59		Pharmacology and Physiology with Industrial/Professional Experience (4 Years) [BSc]	BBC2	62	Politics and Social Anthropology (3 Years) [BASS]	LL26	109, 114	Spanish, Portuguese and Latin American Studies (4 Years) [BA]	RR45	98	
Midwifery (3 Years) [BMidwif]	B720	97		Pharmacology with a Modern Language (4 Years) [BSc]	B212	62	Politics and Sociology (3 year) [BASS]	LL23	109, 114, 116	Speech and Language Therapy (3 Years) [BSc]	B620	117	
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Modern Language and Business and Management (Arabic) (4 Years) [BA]	TN61	98		Pharmacy (4 Years) [MPharm]	B230	104	Portuguese and Chinese (4 Years) [BA]	RT51	98		Textile Science and Technology (3 Years) [BSc]	JJ49	118
Modern Language and Business and Management (Chinese) (4 Years) [BA]	NT11	98		Pharmacy with a Foundation Year (5 Years)	B231	104	Portuguese and Japanese (4 Years) [BA]	TR25	98	Theological Studies in Philosophy and Ethics (3 Years) [BA]	V610	112	
Modern Language and Business and Management (French) (4 Years) [BA]	NR11	98		Philosophy (3 Years) [BA]	B231	104	Psychology (3 Years) [BSc]	C800	111	U			
Modern Language and Business and Management (German) (4 Years) [BA]	NR12	98		Philosophy and Criminology (3 Years) [BASS]	V500	105	R				Urban and Regional Planning (3 Years) [BA]	P345	108
Modern Language and Business and Management (Italian) (4 Years) [BA]	NR13	98		Philosophy and Politics (3 Years) [BASS]	VL53	105, 114		Religion and Anthropology (3 Years) [BA]	VL66	112	Z		
Modern Language and Business and Management (Japanese) (4 Years) [BA]	TN92	98		Philosophy and Quantitative Methods (3 Years) [BASS]	VL52	105, 109, 114		Religions and Theology (3 Years) [BA]	V600	112		Zoology (3 Years) [BSc]	C300
Modern Language and Business and Management (Portuguese) (4 Years) [BA]	NR15	98		Physics (3 Years) [BSc]	P567	105, 114		Russian and Chinese (4 Years) [BA]	RT71	98	Zoology (4 Years) [MSci]	3F49	62
Modern Language and Business and Management (Russian) (4 Years) [BA]	NR17	98		Physics (4 Years) [MPhys]	F300	107		Russian and Japanese (4 Years) [BA]	RT72	98	Zoology with a Modern Language (4 Years) [BSc]	C303	62
Modern Language and Business and Management (Spanish) (4 Years) [BA]	NR14	98		Physics with Astrophysics (3 Years) [BSc]	F305	107		Russian and Portuguese (4 Years) [BA]	RR57	98	Zoology with Industrial/Professional Experience (4 Years) [BSc]	C301	62
Molecular Biology (3 Years) [BSc]	C720	62		Physics with Astrophysics (4 Years) [MPhys]	F3F5	107		Russian and Spanish (4 Years) [BA]	RR74	98			
Molecular Biology (4 Years) [MSci]	2W74	62		Physics with Philosophy (3 Years) [BSc]	F3FA	107		Russian Studies (4 Years) [BA]	R700	98			
Molecular Biology with a Modern Language (4 Years) [BSc]	C722	62		Physics with Philosophy (4 Years) [MPhys]	F3V5	105, 107		S					
Molecular Biology with Industrial/Professional Experience (4 Years) [BSc]	C702	62	Physics with Philosophy (4 Years) [MPhys]	F3VM	105, 107	Science with an Integrated Foundation Year (4 or 5 Years)			F008	78			
Music (3 Years) [MusB]	W302	100	Physics with Study in Europe (4 Years) [MPhys]	F301	107	Social Anthropology (3/4 Years) [BSocSc]	L600		113				
Music (4 Years) [MusB and Graduate Diploma]	CUKAS: 399F	100	Physics with Theoretical Physics (3 Years) [BSc]	F345	107	Social Anthropology and Criminology (3 Years) [BASS]	LM69		115				
Music and Drama (3 Years) [BA]	WW34	100	Physics with Theoretical Physics (4 Years) [MPhys]	F346	107	Social Anthropology and Philosophy (3 Years) [BASS]	LV65		106, 115				
N			Physiology (3 Years) [BSc]	B120	62	Social Anthropology and Quantitative Methods (3 Years) [BASS]	S456		115				
	Neuroscience (3 Years) [BSc]	B140	62	Physiology (4 Years) [MSci]	3A48	62	Social Anthropology and Sociology (3 Years) [BASS]		LL63	115, 116			
	Neuroscience (4 Years) [MSci]	3L47	62	Physiology with a Modern Language (4 Years) [BSc]	B122	62	Sociology (3 Years) [BSocSc]		L300	116			
	Neuroscience with a Modern Language (4 Years) [BSc]	B144	62	Physiology with Industrial/Professional Experience (4 Years) [BSc]	B121	62	Sociology and Criminology (3 Years) [BASS]		LM39	115, 116			
	Neuroscience with Industrial/Professional Experience (4 Years) [BSc]	B143	62	Planning (4 Years) [MPlan Integrated Master's]	K401	108	Sociology and Philosophy (3 Years) [BASS]		LV35	106, 115, 116			
	O			Planning with Real Estate (4 Years) [MPRE Integrated Master's]	1G23	108	Sociology and Quantitative Methods (3 Years) [BASS]	52L8	115, 116				
		Optometry (3 Years) [BSc]	B510	102	Plant Science (3 Years) [BSc]	C200	62	Software Engineering (3 Years) [BSc]	GG6K	71			
		Oral Health Science (3 Years) [BSc]	B840	72	Plant Science (4 Years) [MSci]	6D43	62	Software Engineering (4 Years) [MEng]	GG64	71			
					Plant Science with a Modern Language (4 Years) [BSc]	C201	62						



Hall of residence	Postcode
97 Denmark Road	M15 6GQ
93 George Kenyon Hall (PG)	M13 9PY
80 Horniman House	M13 9NT
11 Weston Hall	M1 3BB
9 Wright Robinson Hall	M1 7JA
82 Whitworth Park	M13 9WJ

Hall of residence	Postcode
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

Hall of residence	Postcode
111 Ashburne Hall	M14 6HP
117 Firs Villa (PG)	M14 6YY
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

PG = postgraduate

City map

Market Street, the Cathedral Quarter and Manchester Arndale

At the indoor Arndale mall you can shop at more than 200 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 Grant Thornton International. 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

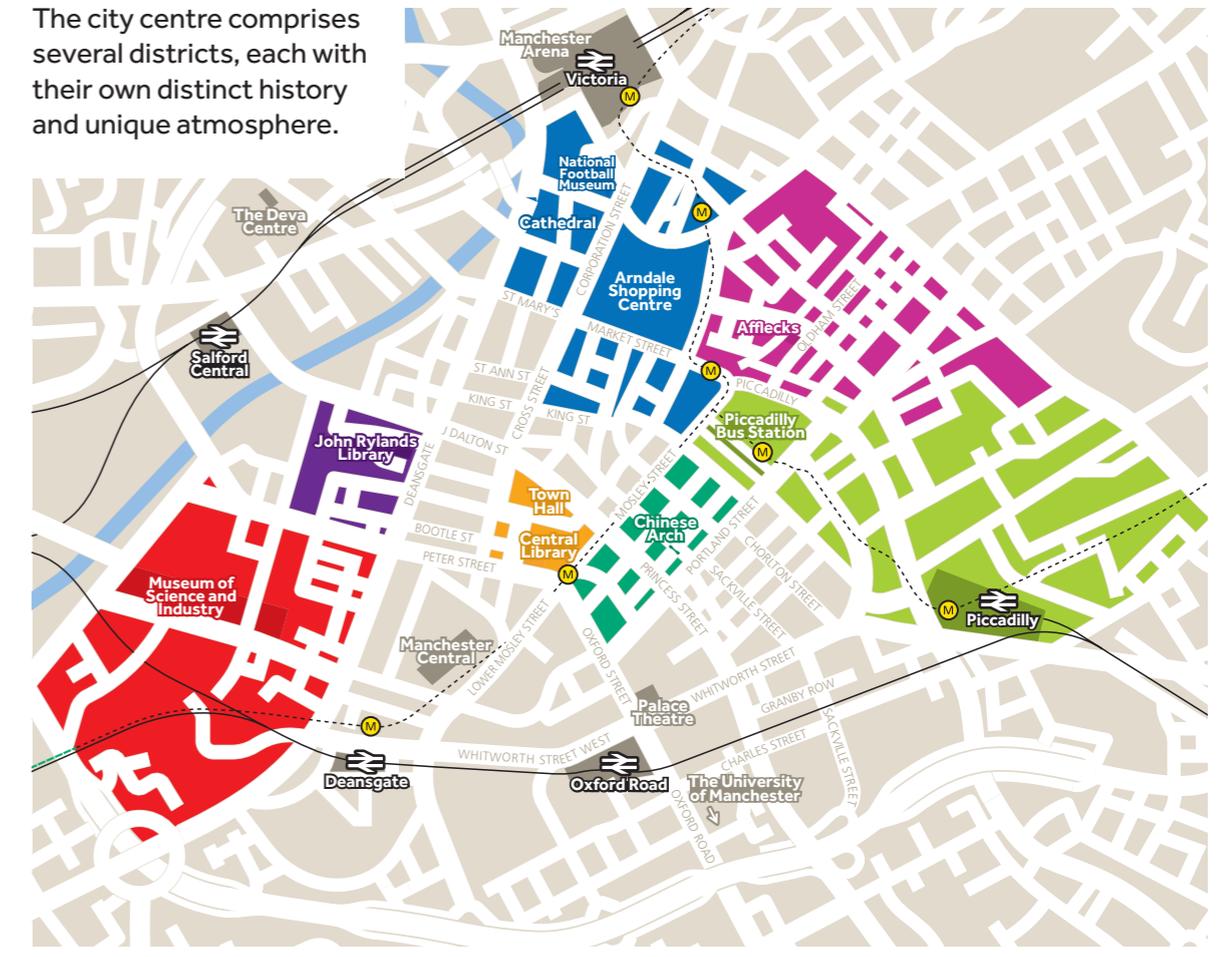
Manchester's Chinatown is an ever popular destination with countless restaurants, Asian supermarkets, events and festivals all year round.

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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