

A photograph of a large, historic building at the University of Manchester, its facade almost entirely covered in lush green ivy. The building features a prominent gabled roof and several large, multi-paned arched windows. The scene is set against a clear blue sky, with green trees framing the building on both sides.

MANCHESTER  
1824

The University of Manchester

# MANCHESTER

UNDERGRADUATE  
INTERNATIONAL  
PROSPECTUS 2018 ENTRY





# Manchester

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# As well as reading this prospectus...



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



@AdmissionsUoM



/AdmissionsUoM



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

## Course enquiries

If you have a query about a specific course or an ongoing application, please contact the relevant academic School directly. Contact details are in our course listings, which start on p56.

If you need a copy of this prospectus, or certain sections of it, in an alternative format, please call our Study Enquiries Team: +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 our 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](http://www.manchester.ac.uk/umass)

Find more information for international students, including when you can you meet us in your country, here:

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

Arrange a visit to our campus by emailing [international@manchester.ac.uk](mailto:international@manchester.ac.uk) or register for an open day here:

 [www.manchester.ac.uk/open-days](http://www.manchester.ac.uk/open-days)





# 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 one of the **most targeted universities** by the UK's top 100 graduate employers.\*

*Discover how you can boost your employability – p22.*

2

We're right at the heart of the **UK's best city to live in.\*\***

*Explore the city of Manchester – p40.*

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.

6

We attract world-leading minds – **25 Nobel laureates** have worked or studied here, including three on our current staff.

*Learn about our history of innovation and discovery – p6.*

7

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

*See how you could broaden your horizons – p16.*

8

We're unique among UK universities in having social responsibility as a core goal. This means courses that help you to **develop as a global citizen** and, through **Stellify**, further activities that will accelerate your transformation.

*Learn how you can Stellify yourself – p14 – and make a difference to others – p26*

9

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

*Explore our historic yet ever-evolving campus – p34.*

10

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

*Get to know our Students' Union – p28.*

## Don't stop at ten...

We've leapt from a ranking of 78th to 35th in the world in the past 14 years\*\*\* - and we're not stopping there. Join us and you'll be part of a university driven to ever-greater success by a spirit of innovation and ambition.



# Achievements that changed the world

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.

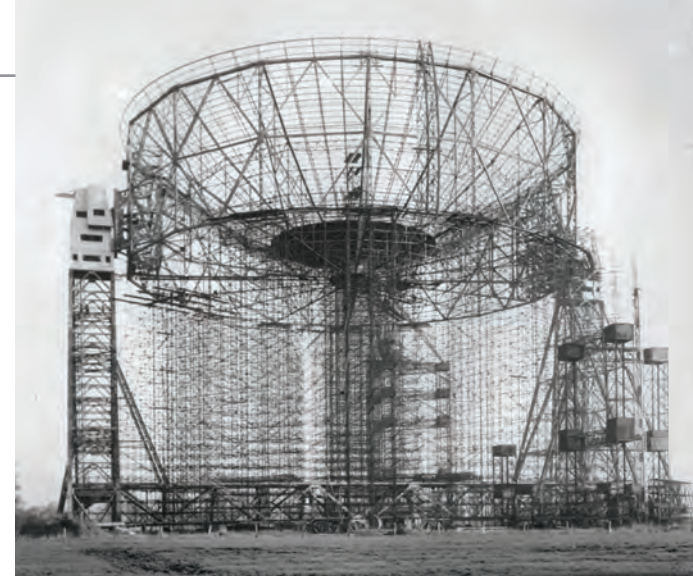
► Manchester is the birthplace of nuclear physics. **Ernest Rutherford's** work here between 1907 and 1919 led to the splitting of the atom.



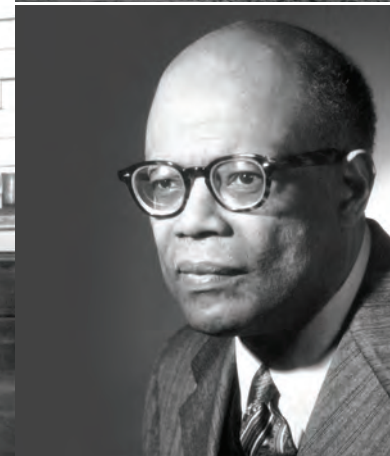
▶ [www.manchester.ac.uk/heritageheroes](http://www.manchester.ac.uk/heritageheroes)



◀ 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. It's also the international headquarters for the world's largest radio telescope, the Square Kilometre Array.



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



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

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**.

## 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.



## 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 my 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!"



## 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, Lindsay Kenney 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.



# Global challenges, Manchester solutions

At Manchester, our pioneering discoveries, interdisciplinary collaborations and cross-sector partnerships are tackling some of the biggest questions facing the planet. The research we carry out has a direct impact on the wider world – and on your course.

## Addressing global inequalities

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

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

## Advanced materials

We lead the world in the development of new and existing materials for extreme environments, as well as measuring and exploring materials to help us fully understand their properties and potential. We work with dozens of industrial partners to bring advanced materials discoveries from the lab to the lives of real people.

Manchester is also the home of graphene, the one-atom thick material that will revolutionise the material world. Our team of more than 230 researchers is constantly coming up with new ways to improve and transform current products by harnessing the remarkable qualities of graphene and related materials.

## Cancer

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

Through nursing, psychology and policy work, we're researching and putting into practice solutions to the physical, emotional and economic impacts of cancer. All this is strengthened by our links with NHS organisations and cancer charities – as well as the support of the local population.

## Energy

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

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

## Industrial biotechnology

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


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

## What this means for you

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

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



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



# Degrees of excellence

Employers love the Manchester degree; that's why we're one of the most targeted universities 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 enable you to become 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. Now we're investing £1 billion more... watch this space.

## Individual support throughout your degree

You'll have your own academic advisor 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

Discover some of Manchester's most transformational activities through Stellify, and develop skills, knowledge and experience that will give you extra credibility and prestige in the eyes of employers (see p14).



# International foundation pathways

## Foundation year

In many countries the education system involves spending one year less 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

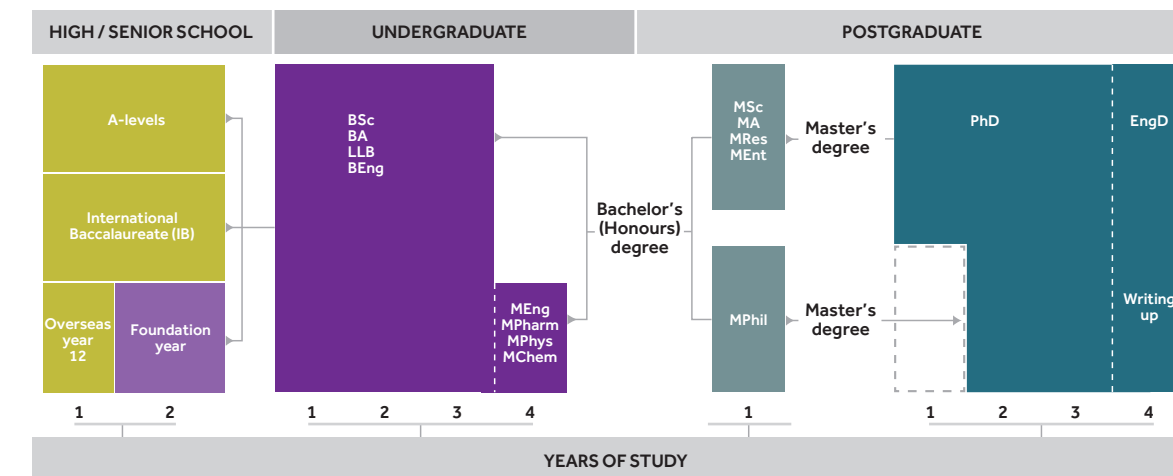
the International Baccalaureate Diploma, it's likely that you'll need to complete a foundation course before you enrol for a UK university degree.

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 p50).

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 p80, p92 and p105.

## 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 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](http://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](mailto:international@manchester.ac.uk)

## Find out more

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



# STELLIFY

STEL•LI•FY (VERB)

to change, or be changed,  
into a star


There's a reason why our graduates are among the most targeted by the UK's top graduate recruiters. The University of Manchester offers you the opportunity for true personal and professional change and growth. We call it Stellify.

By participating in some of our most transformational activities, you'll be able to broaden your horizons, understand the issues that matter in contemporary society and step up to make a difference to local and global communities. You can try more, do more, dream more and be more.

Bring your unique spark to Manchester – and we'll help you to illuminate the world.

## What this means for **you**

- Truly stand out to graduate employers and work to attain our Manchester Leadership Award
- Gain evidence that you possess strong ethical leadership values
- Enjoy a wide range of activities, such as those described on the following pages...

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



LEARN WITHOUT  
BOUNDARIES

RIA  
BASU

Ria undertook award-winning research outside of her core subject – finance

"My third-year research project analysed population trends in Bangladesh and proposed policy suggestions to the Bangladeshi government to deal with changing demographics.

"Winning the Undergraduate Award was amazing. I met and collaborated with students studying degrees very different to mine, discussing topics across many disciplinary boundaries.

"I've gained new research skills, boosted my critical thinking and broadened my academic perspective – which will help me succeed in any career path."



UNDERSTAND THE ISSUES  
THAT MATTER

OLLIE  
THOMSON

Ollie won our JustFest short film competition

"Me, She, We is a film that aims to stimulate discussion around feminism and social injustice. I wanted to inspire people in the way I had been inspired and learn from those around me.

"I've learnt how to effectively tell a story, developed a keen eye for detail and honed my organisation skills. I've also realised the importance of collaboration.

"This experience confirmed that I'd love a career as a filmmaker, but also that I want to focus my work on the issues that challenge our society."



MAKE A DIFFERENCE

ILYAS  
NAGDEE

Ilyas brought the community together through the Ramadan Tent Project

"The Ramadan Tent Project unites the community over the simple act of sharing a meal. It's free to attend and we always make sure that homeless people are made welcome.

"I've taken on much more responsibility since I got involved – planning, securing funding and helping to build the brand. This year I'm going to be managing the whole project for Manchester!

"Volunteering has opened up massive opportunities for me already. I'm being taken to China to present at a conference – when else would that be possible?"



STEP UP

NAA  
ACQUAH

Naa became General Secretary of our Students' Union

"I decided to run for General Secretary of the Students' Union so I could give back and lead on some of the things that I have found so inspirational and rewarding about university life.

"I've learnt how to be assertive in a positive way – to bring ideas to people and bring them along with you. I now understand how important it is to see the bigger picture and think strategically.

"My ultimate aim is to one day be Head of the UN Development Programme. Through everything I've done, I have the confidence to take the steps I need to get there."



ENGAGE WITH YOUR FUTURE

HARRY  
NEWTON

Harry found inspiration in New York with the Global Graduates scheme

"I applied for Global Graduates hoping it might open my eyes to different options for my future career.

"It was great to be able to see New York City, but the most worthwhile part was meeting so many different people from businesses big and small. I got the opportunity to chat to them informally about how to become successful and about their own backgrounds.

"The networking really motivated me, and gave me a better idea of where I want to go with my career in the future."



# Learn without boundaries

At Manchester you can look beyond your core academic discipline and take advantage of our flexible learning environment. As the UK's largest campus-based university, with world-leading minds working in many fields, we can offer an unparalleled range of interdisciplinary learning and extracurricular opportunities. You'll develop fresh perspectives and a new awareness of what inspires you.

The only limit to learning at Manchester is your own curiosity.

## 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 degree courses. Please contact the relevant School to check if your course participates.

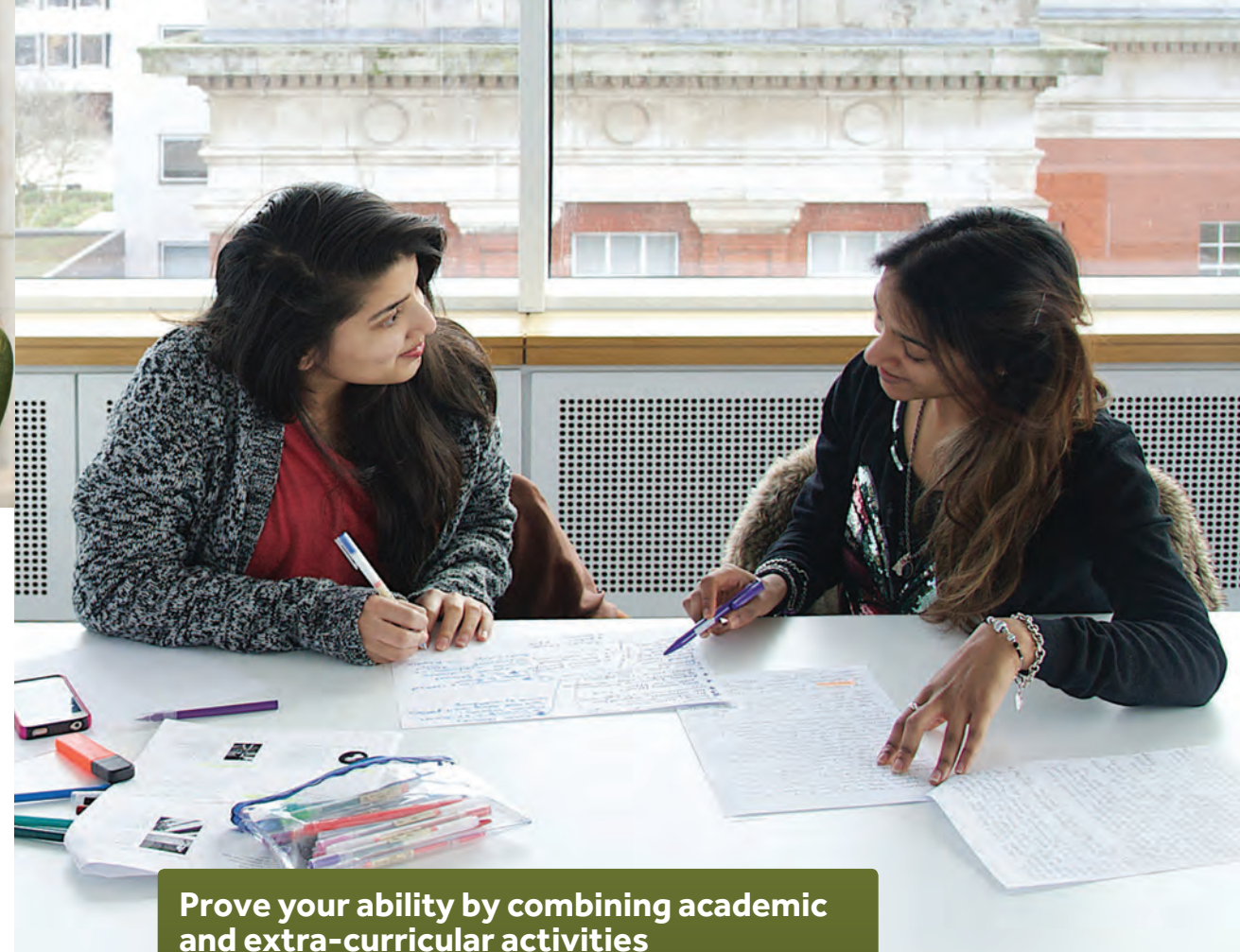


## Benefits of interdisciplinary study

- 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 a social enterprise or in the community into your degree course.
- Learn about 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 by combining academic and extra-curricular activities

Gain recognition and additional skills by completing our Manchester Leadership Programme, Manchester Global Challenge and Manchester Enterprise Challenge. Graduate

recruiters want you to be able to demonstrate how your learning applies to the real world; undertaking these activities will give you that proof. Developed in collaboration

with graduate recruiters, they're specifically designed to help you achieve true personal and professional change, and make you more employable.



## What our students say about UCIL units

“ This course unit has been my favourite during my whole time here at Manchester. It's a fantastic, forward-thinking unit. 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 unit 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 courses include 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 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 – plus you may still be able to receive your student loan (if you have one). Take a European exchange and you may 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/study/international/study-abroad-programmes](http://www.manchester.ac.uk/study/international/study-abroad-programmes)



## 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 p56 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.

- ✈️ study abroad
- 📁 industrial experience
- 🗣️ a modern language





# 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 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 one of the most targeted universities by the top 100 graduate recruiters (High Fliers Research 2017). 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 also much more...

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, but 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 participate in Stellify, featuring Manchester's most transformational activities designed to help you develop the distinctive, highly employable attributes of a top Manchester graduate (see p14).

## Experience the workplace

Being a university of international standing gives us excellent connections with employers, locally and worldwide. Many of our courses allow you to take advantage of industrial experience opportunities that can help shape your career (see p19).

You may also be able to undertake part-time work, allowing you to learn new skills and earn money while you study (see p53).

## Benefit from 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, we have a broad and innovative range of services 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 sessions 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;
- **advice on 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;
- **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 personalised report explaining how to make the most of university in the UK and prepare for future success.

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 jobs database Careers Link.

 [www.manchester.ac.uk/careers/international](http://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. Our 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 – it's at the heart of all we do. For you, this means a huge range of developmental and eye-opening opportunities, from reaching out to our local communities to campaigning for social justice. Develop as an ethical leader and discover what you're capable of contributing to the world.

## Volunteer your time and skills

There's a massive array of opportunities at Manchester. 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.

Here's a taster:

- **Volunteer with one of our partner organisations in the community** – eg the British Heart Foundation, Girlguiding, Incredible Edible, and many more.
- **Green Impact** – volunteer on environmental sustainability initiatives at the University.

- **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.
- **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.

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

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

We're proud that students volunteering via our MLP, Sports Volunteer Scheme and Students' Union contributed almost 60,000 hours of their time to the community in 2015/16 – equivalent to contributing more than £300,000 to the local economy.

 [www.manchester.ac.uk/volunteers](http://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 issues in the 21st century. You'll explore the challenges of sustainability in Year 1, social justice in Year 2 and workplace ethics in Year 3, alongside students from many different disciplines.

EGC is one of a number of programmes you can get involved in as part of Stellify (see p20) to develop your understanding of the issues that matter. It includes activities such as our interdisciplinary Sustainability Challenge and our annual social justice event, JustFest.

 [www.manchester.ac.uk/egc](http://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 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.



# 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](http://www.manchesterstudentsunion.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.

- **480+ 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 wellbeing 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 p26).

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.



## Ayotola Bode-Oke

BA Economics and Politics  
Nigerian Students' Society

## Find a home away from home

Joining a society helps you to connect with people of similar interests and values – and to try something new.

Getting involved in a student society is a tremendous way to make the best use of your time at university. It helps you make friends faster and build your network of friends outside of your course. It gives you an opportunity to take on leadership roles and gain essential skills for your future. You can also interact with older students, who can be of valuable help to you as you begin a new phase of life.

In our society we come together, interact and get in touch with our roots, celebrating our country's rich cultures and values by organising social events, movie nights, football matches and dinners.

You can also become an integral part of the community by being a student representative, carrying the interests of students in a particular area and helping the university to improve.

## 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.

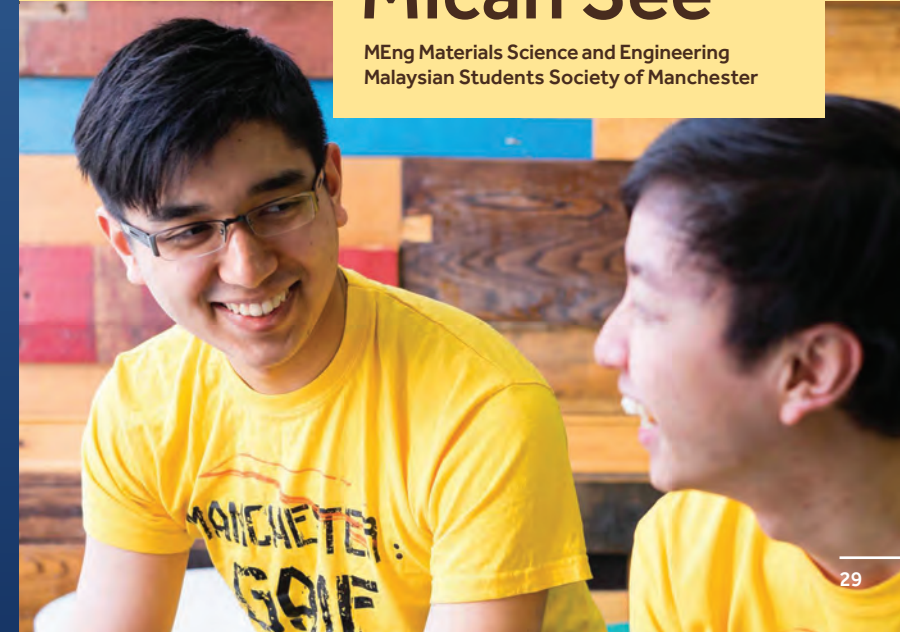
We also organise two really big events every year: MNight and MGames. MNight is our cultural event with plays and dances. The MGames is a sporting event with different tournaments open to Malaysian students at Manchester and other universities across the UK. It's huge: about 500 to 800 people take part.

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](http://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 36 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 **18th out of 145 institutions** in the BUCS League 2015/16.

## For more casual players

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

- **Sport on your doorstep** – 30+ hours of free sport in or close to University halls of residence.
- **Sporticipate** – 60+ hours of free activities delivered around campus each week.
- **SU sport** – 40+ sports societies at our Students' Union.

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

## 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 p26.

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.



## Developing body, mind and prospects

Guhan started playing squash in his home town of Chennai at the age of 13, and was instantly hooked. Today, he represents our University playing squash in the national university league, and receives extra training, support and funding via a Manchester sports scholarship.

### On the benefits of taking part...

When you're occupied with both study and sport at university, one helps to take your mind off the other. When I finish playing squash I'm refreshed enough to do my university work more effectively.

### On our facilities...

Sports facilities are really good at the University. The Sugden and Armitage centres are quite close to student accommodation and have world-class trainers. The gyms have friendly and courteous staff and the equipment is well maintained.

### On gaining new skills...

Combining study and squash means I have to be organised, and has improved my time management skills. I've also developed my commitment and dedication through the discipline of waking up early, sticking to a good diet, etc.

### On the social side of sport...

Squash is a very sociable sport at Manchester; being part of the squash club has helped me make a lot of friends. Being a sports scholar at the University has also helped me make friends with elite student athletes of other sports, and learn from them.

### On advice for international students...

I absolutely recommend taking up a sport at Manchester. The experience is one you will cherish throughout your life.

## Guhan Senthilkumar

BSc Fashion Buying and Merchandising








# Support

We have nearly 40,000 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, while pre-departure webinars offer further detailed guidance in making preparations.

You can also connect with us via social media to prepare for orientation:

-  /OrientationUoM
-  @OrientationUoM
-  [www.manchester.ac.uk/arrival](http://www.manchester.ac.uk/arrival)

## At the airport

Our welcome service for new international and EU students will help you travel to your University accommodation at the beginning of the academic year.

## Orientation and welcome

At the start of each academic year, we invite new international students 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](http://www.manchester.ac.uk/orientation)

## Academic and personal advisers

You'll have the support of a dedicated academic advisor who will 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 advisor; they can offer you advice in these areas as well, but perhaps with a focus on more general matters.

## Student Support and Advice Team

Our 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 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](http://www.manchester.ac.uk/ssc)

## Student Immigration Team

Our immigration advisers are authorised to provide advice and assistance on student immigration matters by the Office of the Immigration Services Commissioner. Based in our Student Services Centre, the team can advise on the type of visa you need and how to apply before you arrive, as well as your visa conditions, including work, travel, family visits, renewing, extending and changes to your student status. You can also find out more about staying in the UK to work after your studies.

 [www.manchester.ac.uk/student-support/immigration-and-visas](http://www.manchester.ac.uk/student-support/immigration-and-visas)

## Health-care provision

We strongly advise every student to register with a local doctor (known as a general practitioner or GP) near to your accommodation. 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](http://www.occhealth.manchester.ac.uk)

If you're applying to stay in the UK for six months or longer, you'll be required to pay an immigration health surcharge (prior to completing your visa application) to cover your health care, after which 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](http://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 wellbeing or ability to work.

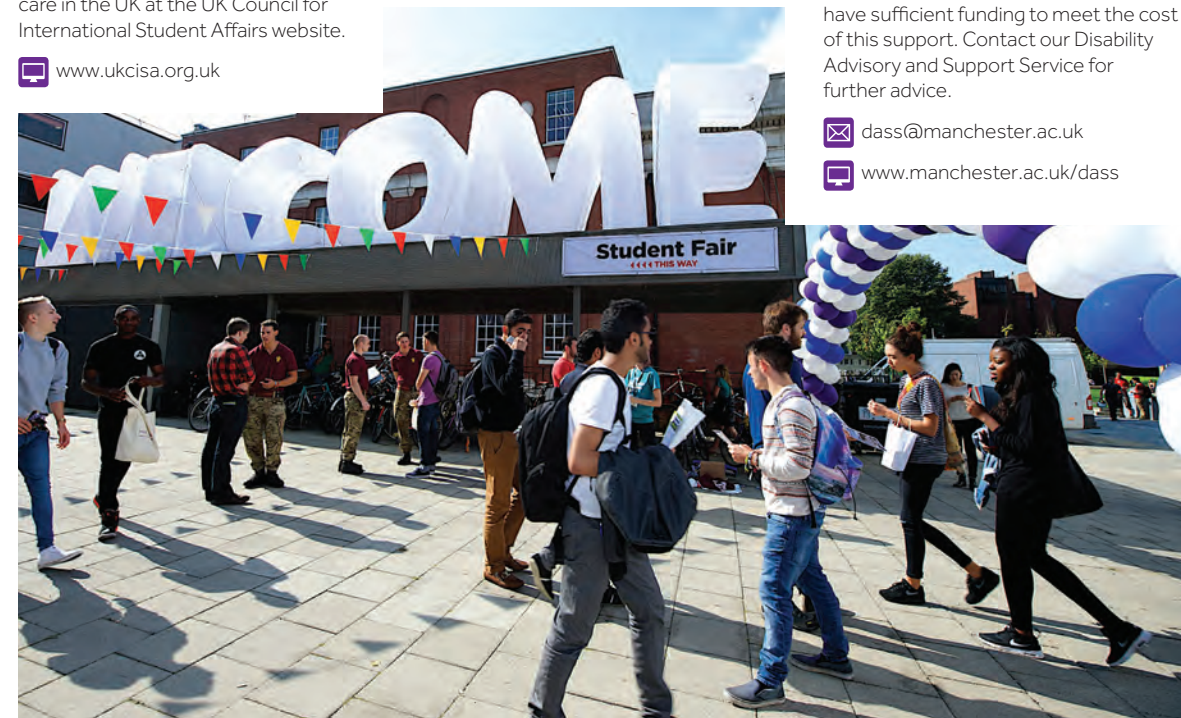
 [www.manchester.ac.uk/counselling](http://www.manchester.ac.uk/counselling)

## 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. Please 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](mailto:dass@manchester.ac.uk)

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





# Explore our campus

Reaching into the heart of Britain's most liveable city, our friendly, self-contained campus brings together a multicultural community of nearly 40,000 students from 160 countries to study, relax and get involved in university life.

We're also investing a massive £1 billion to continue the evolution of our campus into an optimum and sustainable learning environment for world-class students.

## University Place

As well as being a hub for major University events, this central building houses a useful base for student enquiries called the Atrium. Here you can get advice on how to boost your employability, manage your money, study abroad and more – or enjoy some quiet study time on a comfortable sofa.

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



## Whitworth Building

The most iconic of our historic Victorian buildings is at the heart of our campus. You'll use it as a landmark when you first arrive – and to mark your achievements when you graduate in the grand Whitworth Hall. [www.manchester.ac.uk/historic-buildings](http://www.manchester.ac.uk/historic-buildings)



## Gilbert Square

Next to the Alan Gilbert 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 a host of student-centred services, such as 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](http://www.manchester.ac.uk/learningcommons)



## Students' Union building

Home to the UK's biggest students' union, with more than 480 student societies, an independent advice service, a one-stop shop, a cafe and a bar offering student-friendly prices. [www.manchesterstudentsunion.com](http://www.manchesterstudentsunion.com)



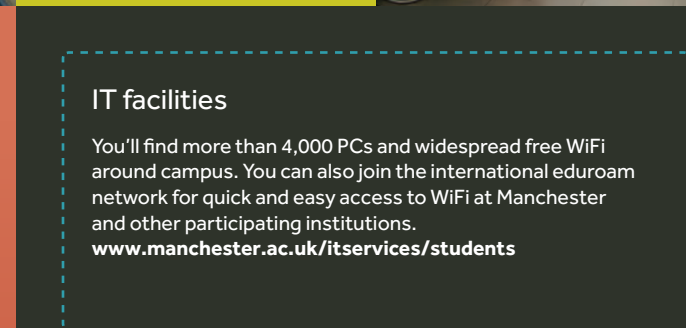
## The University of Manchester Library

One of only five National Research Libraries in the country, this is also one of the UK's best-resourced academic libraries, with more than four million printed books and manuscripts, half a million electronic items and a range of IT facilities. A further nine specialist libraries are conveniently located across campus. [www.manchester.ac.uk/library](http://www.manchester.ac.uk/library)



## IT facilities

You'll find more than 4,000 PCs and widespread free WiFi around campus. You can also join the international eduroam network for quick and easy access to WiFi at Manchester and other participating institutions. [www.manchester.ac.uk/itservices/students](http://www.manchester.ac.uk/itservices/students)





## Jodrell Bank Observatory

Located in the heart of the Cheshire countryside, Jodrell Bank is well worth a visit to explore the wonders of the universe – and the work of Manchester astrophysicists and engineers.  
[www.jodrellbank.net](http://www.jodrellbank.net)



## The Whitworth

One of the city's premier art spaces is part of our University, based in nearby Whitworth Park. Since its spectacular £15 million refurbishment and re-launch 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](http://www.manchester.ac.uk/whitworth)



## The John Rylands Library

This beautiful neo-Gothic building is home to one of the world's finest collections of rare books and manuscripts – including first editions of Shakespeare's plays, the earliest surviving fragment of the New Testament, and a copy of the world's smallest book.  
[www.manchester.ac.uk/library/rylands](http://www.manchester.ac.uk/library/rylands)



## 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](http://www.manchester.ac.uk/martinharriscentre)



## An evolving campus

We've got a masterplan to continue the transformation of our campus for students, staff and visitors. Developments underway include new teaching and learning facilities, national research centres, a hotel and public parkland.

## Manchester Museum

Explore ancient worlds and an ever-changing array of exhibitions at our own museum on campus.  
[www.manchester.ac.uk/museum](http://www.manchester.ac.uk/museum)



## Armitage Sports Centre

Located in Fallowfield and the heart of sport at the University, facilities here include: an air-conditioned fitness suite with free-weights area; double sports hall suitable for badminton, basketball, cricket, netball and volleyball; squash courts; floodlit five-a-side football pitches; full-sized floodlit artificial turf pitches (the largest number on one site in the UK); grass pitches; and all-weather tennis courts.  
[www.manchester.ac.uk/armitagesports](http://www.manchester.ac.uk/armitagesports)



## 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 dance studio for various classes.  
[www.better.org.uk/mac](http://www.better.org.uk/mac)



## Manchester Academy

Part of our Students' Union, the award-winning Manchester Academy brings you the best live music and comedy the world has to offer. You'll be hard pressed to think of many major international music acts that have not played at our four venues; from Foo Fighters to Lady Gaga, we've had them all.  
[www.manchesteracademy.net](http://www.manchesteracademy.net)

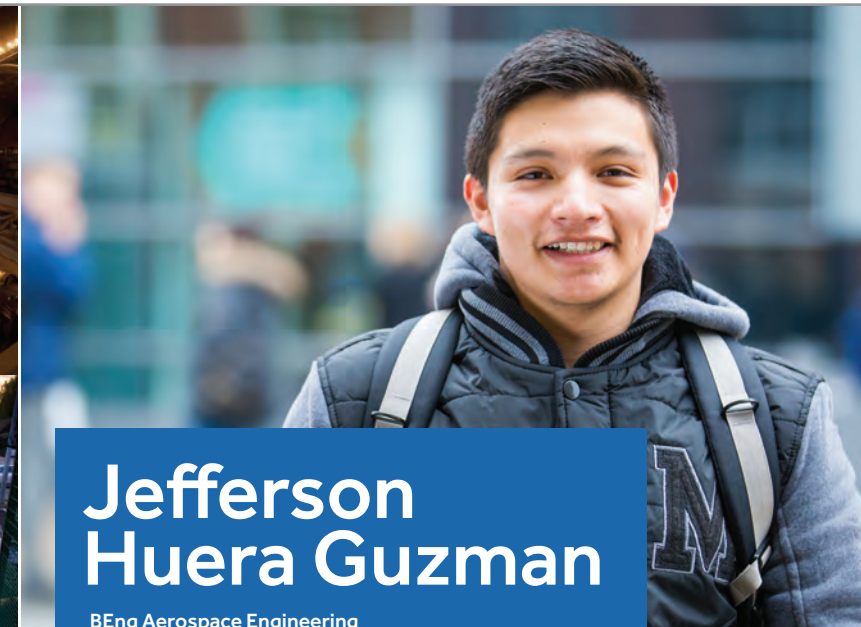


## Sugden Sports Centre

In among the academic buildings, this is the ideal spot to drop in for a workout or fitness class between lectures, or compete in an organised sport activity. This is one of our four main sports sites and provides a fully equipped fitness suite, indoor courts, outdoor pitches and dedicated rooms for activities such as circuit training and T'ai Chi.  
[www.sport.manchester.ac.uk/facilities](http://www.sport.manchester.ac.uk/facilities)

## 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](http://www.internationalsociety.org.uk)



# Jefferson Huera Guzman

BEng Aerospace Engineering

## Manchester's international family

The International Society helped me to become much more sociable and feel comfortable living in the UK.

When I first came to the UK from Ecuador I had no international friends, and did not know much about other cultures. Now, in the International Society, I have met people from all over the world and made friends who I consider to be my family here in Manchester.

There's a wide range of activities for both international and local students:

language classes, cultural events, UK trips and volunteering projects. I volunteer with International 16, as one of 16 people from 16 different countries who organise cultural evenings, spreading understanding of our cultures and promoting friendship.

I have also become really close to the staff. They're so helpful; I can ask them about any problem I might have.







# 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 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 beautiful! 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.



# The UK's best city to live in\*

...and one of the world's best cities for international students\*\*



\*Global Liveability Survey 2016 – Economist Intelligence Unit

\*\*QS Best Student Cities 2017



45 minutes  
from Liverpool and Leeds

1.5 hours  
from the Lake District



1.5 hours  
from York

2 hours  
from London



1.5 hours  
from Paris

7.5 hours  
from New York

9.5 hours  
from Lagos

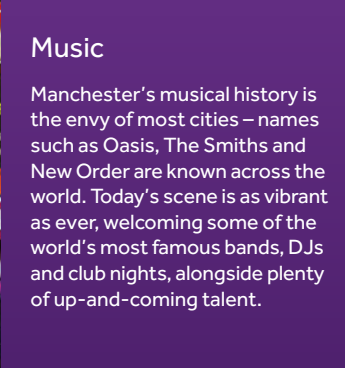
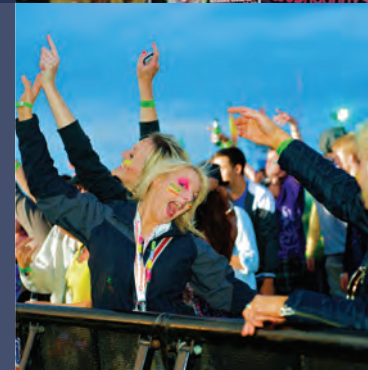
10.5 hours  
from Beijing

12 hours  
from Mumbai

12.5 hours  
from São Paulo

13.5 hours  
from Singapore

23 hours  
from Sydney



## Culture

Visit the University's Manchester Museum, the Whitworth, John Rylands Library and Martin Harris Centre for Music and Drama – then there's the city's Museum of Science and Industry, Imperial War Museum North, HOME, 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 boutiques 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, formed 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

Our University campus is handily placed on Europe's busiest bus route. You'll also find plenty of trams, trains and taxis to help you get around.



## Northern Quarter

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



## 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.



## 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](http://www.foodanddrinkfestival.com)

SEPTEMBER

## Pangaea

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

[www.pangaeafestival.co.uk](http://www.pangaeafestival.co.uk)

OCTOBER

## Manchester Science Festival

Celebrate our scientific past, present and future

[www.manchestersciencefestival.com](http://www.manchestersciencefestival.com)

OCTOBER

## Manchester Literature Festival

Contemporary prose and poetry is brought to life

[www.manchesterliteraturefestival.co.uk](http://www.manchesterliteraturefestival.co.uk)

NOVEMBER

## Doki Doki Festival

Discover traditional and modern Japan at this biennial cultural event

[www.dokidokifestival.com](http://www.dokidokifestival.com)

DECEMBER

## Christmas Markets

Balance festive gift-shopping with glühwein and bratwurst

[www.manchester.gov.uk/christmasmarkets](http://www.manchester.gov.uk/christmasmarkets)

FEBRUARY

## Chinese New Year

Dragons, dim sum and more in Europe's third largest Chinatown

[chinesenewyearmcr.com](http://chinesenewyearmcr.com)

APRIL

## iViva! Spanish and Latin American Festival

Enjoy the very best of Hispanic film, theatre and art

[homemcr.org](http://homemcr.org)

MAY

## Great Manchester Run

Get off the sofa and onto the streets at Europe's biggest 10k running event

[www.greatrun.org/manchester](http://www.greatrun.org/manchester)

JULY

## Sounds of the City

Live music festival with headline shows from classic and contemporary Manchester talent.

[www.stereoboard.com/sounds-of-the-city-tickets](http://www.stereoboard.com/sounds-of-the-city-tickets)

JULY

## Manchester Mega Mela

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

[www.manchestermela.co.uk](http://www.manchestermela.co.uk)



MARCH

## Manchester Irish Festival

With music, sport and comedy, St Patrick has more than just one day in Manchester

[www.manchesteririshfestival.co.uk](http://www.manchesteririshfestival.co.uk)

APRIL

## Future Everything

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

[www.futureeverything.org](http://www.futureeverything.org)

JUNE

## Parklife Weekender

Catch the tram to Heaton Park for music, theatre and more

[www.parklife.uk.com](http://www.parklife.uk.com)

JULY

## Bluedot

Explore the realms of music, science, technology and the arts at our iconic Jodrell Bank

[www.discoverthebluedot.com](http://www.discoverthebluedot.com)

JULY

## Manchester Jazz Festival

Hear global favourites and new talent improvise with the beat

[www.manchesterjazz.com](http://www.manchesterjazz.com)

AUGUST

## Manchester Pride

Celebrate one of Europe's biggest and most flamboyant LGBTQ festivals

[www.manchesterpride.com](http://www.manchesterpride.com)



JANUARY

## Manchester Beer and Cider Festival

Sample a very British beverage in the industrial splendour of Manchester Central

[www.mancbeerfest.uk](http://www.mancbeerfest.uk)

APRIL

## Manchester Duck Race

Buy your own rubber duck and compete in this quirky annual race down the River Irwell

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

MAY

## Dot to Dot

Discover the nation's hottest new music talent

[www.dottodotfestival.co.uk](http://www.dottodotfestival.co.uk)

JUNE

## Manchester Day

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

[www.manchesterday.co.uk](http://www.manchesterday.co.uk)

JULY

## Manchester International Festival

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

[www.mif.co.uk](http://www.mif.co.uk)

JULY

## Greater Manchester Fringe Festival

Live stand-up comedy performances and more

[www.greatermanchesterfringe.co.uk](http://www.greatermanchesterfringe.co.uk)

AUGUST

## Caribbean Carnival

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

[themanchestercarnival.com](http://themanchestercarnival.com)



# Accommodation to suit your needs

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 Manchester alone;
- you've firmly accepted a place at the University;
- you submit your 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](http://www.manchester.ac.uk/accommodationguarantee)



## Locations





Halls and rooms

Most of our rooms are for single occupancy; however, we do have a limited number of twin rooms available in certain halls. All halls are self-contained communities where you'll make friends and feel at home. Some have their own

bars and common rooms and all offer a variety of social activities for residents.

Costs are indicative of 2016/17 prices, but may vary depending on facilities. For up-to-date pricing information, please see our website.

Accommodation fees	
Accommodation type	Cost per week
Single self-catering bedroom with shared facilities	prices from £100
Single self-catering bedroom with en-suite	prices from £135
Single bedroom in catered halls (meals provided)	prices from £138



Support and social

From the moment you arrive, we'll do what we can to help you make the most of your time in halls.

Our ResLife team is dedicated to creating an inclusive and mutually supportive environment for students coming from all over the globe. With a ResLife team in each of our halls of residence, you'll find help and support on your doorstep whenever you need it.

All our halls of residence also have a Residents' Association (RA) or Junior Common Room (JCR), supported centrally by our Students' Union. As a hall resident you are automatically a member of your RA or JCR and your membership fee is included in your rent. This fee goes into a fund that is used to run social events, trips and sporting activities for all residents, making University accommodation a more supportive and sociable place to live.

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

Special requirements

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

Family accommodation

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

Private accommodation

If you prefer not to live in halls, we recommend you 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

Living with family

You may have family living in Manchester who will give you a home while you study with us. If this is the case, you'll still find plenty of opportunities to get involved in student life. Our Students' Union services for students living off-campus include:

- Students Living at Home Society;
  - transport buddy system;
  - day trips and networking events;
  - Mature Students' Society.
- 💻 manchesterstudentsunion/livingathome

Find out more

- ✉ accommodation@manchester.ac.uk
- ☎ +44 (0)161 275 2888
- 💻 www.manchester.ac.uk/accommodation

Living in halls

You've seen what's on offer – but what's it actually like to live in halls? Let our students fill you in.



Catering for yourself

All the halls of residence are conveniently located for shops and supermarkets. There are so many markets with fresh, organic fruits and vegetables, so it's easy to maintain a balanced diet.

Cooking takes a little time and effort – it can be tempting to live on Pot Noodles! But you can save time by cooking in batches and freezing. Then, when you finish your day's studies, all you have to do is warm up your meal.

Natascha Muzira  
Canterbury Court, Victoria Park



Food in catered halls

Catered accommodation is one less thing to worry about when it comes to food, especially if it's your first time living alone. It's also a great way to follow a healthy diet and spend less money on fast food.

The dining hall is a great place to meet people. All of us have our own schedules, so it's good to have a place where we can catch up.

Sophie Chatziveroglou  
Dalton-Ellis Hall, Victoria Park



Safety and security

During the first few weeks there's a compulsory safety and security talk where you're given some great advice. This includes things like locking your door, closing your window and drawing your curtains when you're out – some of it seems obvious, but it's really important.

If you have any concerns you can always talk to your ResLife advisor. They're great for advice on just about anything and will really help you feel secure.

Thomas Rennie  
St Anselm Hall, Victoria Park



Support and social

Ashburne has a very good sense of community. I came to Manchester from the US, and I've found it very easy to settle in. At the beginning of the year there are lots of social events, so it's very easy to meet new people.

Our ResLife officer is very sociable and joins us for dinner. If there's ever a problem it gets taken care of immediately.

There's also a Facebook group for all the residents, to help us stay connected.

Georgina Carter  
Ashburne Hall, Fallowfield



# English language requirements and support

You will need evidence of English language proficiency in order to meet both 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 need to demonstrate English proficiency through an approved testing system. We accept IELTS Academic as evidence of English language proficiency for admission onto our 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. We'll also 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, or check the link below.

 [www.manchester.ac.uk/language-requirements](http://www.manchester.ac.uk/language-requirements)

Please note: for stand-alone foundation or pre-sessional English language courses (which are not part of your degree and are on a separate visa), only UKVI-IELTS Academic is acceptable. To find a suitable testing centre in your home country for IELTS, contact the local British Council office or visit:

 [www.ielts.org](http://www.ielts.org)

English language requirements vary by course, but are broadly as follows:

- IELTS 5.5-6.5 for foundation courses
- IELTS 6.0-7.0 for bachelor's courses
- 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.

If you are taking another test that is approved by the University and would like to know which scores are equivalent, you can learn more by visiting the link above or contacting the School or Faculty to which you would like to apply.

## University Language Centre

Our ULC has more than 30 years' experience of running English language courses for international students, which are accredited by the British Council. The ULC is an IELTS testing centre and its pre-sessional courses are accredited by the global forum for English for Academic Purposes (EAP) professionals.



## 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 need to take will be determined by the academic School to which you have applied, with advice from our 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 our one-to-one writing tutorial service and receive personalised feedback on your written academic English.

## Other languages

You'll 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](http://www.manchester.ac.uk/englishlanguagecourses)

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



# 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 courses (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 2018 entry

Arts-based courses	£18,000
Science-based courses	£22,000
Clinical-based courses	£40,000

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

[www.manchester.ac.uk/undergraduate](http://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 course, eg books and equipment)	£420	
Clothes	£400	
Local transport (does not include travel home)	£225	£7.50 for a weekly bus pass
Other (eg mobile phone bill, socialising, laundry, photocopying and printing)	£1,600	£40
<b>Total</b>	<b>£9,180</b>	
<i>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. When applying for a study visa, you will be required to provide evidence that you have sufficient funds to cover your living expenses. The amount required for this purpose is typically higher than the total listed above.</i>		
* 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, see <a href="http://www.manchester.ac.uk/ouraccommodation">www.manchester.ac.uk/ouraccommodation</a>		

### 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](http://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](http://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 help you to make 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](http://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](http://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 p56). 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](http://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](http://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](mailto: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 p50.

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 your preferred course.

## Applying to Manchester

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

 [www.ucas.com](http://www.ucas.com)

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

UCAS charges an application fee. At the time of publication, the application fee is £13 for a single choice, and £24 for multiple choices and for late applications sent after 30 June.

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

You can submit your application to UCAS from 1 September for entry in September the following year (eg to begin your studies in September 2018, you can submit your application from 1 September 2017).

We advise early application, as some courses become full; consider applying by the UCAS deadline of **15 January 2018** to guarantee equal consideration. If you miss this deadline, don't worry, as applications for a number of our courses can still be made after this date.

The final UCAS application deadline is 30 June 2018. If you miss this deadline there may still be places on courses through **UCAS Clearing**.

To apply for Medicine or Dentistry the closing date for 2018 is **15 October 2017**.

## 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 receive 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 receiving 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](http://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:

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

## Find out more

 [www.manchester.ac.uk/study/international/admissions](http://www.manchester.ac.uk/study/international/admissions)

 [www.ucas.com](http://www.ucas.com)





# Our Courses

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

## Types of undergraduate course

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 (p121) for all listings and UCAS codes.




## For the most up-to-date course information

This prospectus was printed in March 2017 for the purposes of the 2018 intake. It has therefore been printed in advance of course starting dates. For this reason, course information (including, for example, in relation to course content, module availability etc) may be amended prior to you applying for a place on a course of study.


There are a number of reasons why changes to course information and/or published term dates may need to be made prior to you applying for a place on a course. These may include, but are not limited to, the following: the need to make reasonable changes to the content and teaching offered in relation to any course for operational and/or academic

reasons; the withdrawal of courses due to cohort numbers not being sufficient; a course not receiving the relevant accreditation required; and/or interruption or loss of key services due to circumstances beyond our control, including fire, flood or other operational issues.

Prospective students are therefore reminded that they are responsible for ensuring, prior to applying to study on a course of study at The University of Manchester, that they review up-to-date course information, by searching for the relevant course at:

 [www.manchester.ac.uk/study/undergraduate/courses](http://www.manchester.ac.uk/study/undergraduate/courses)

Further information describing the teaching, examination, assessment and other educational services offered by The University of Manchester is available at:

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

In this prospectus you will find an overview of the University's pastoral and student support services; further information is available from each service's website. Prospective applicants should therefore familiarise themselves with this information prior to applying to study on a course of study at The University of Manchester.

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



## Accounting and Finance

### Typical offer

**A-level** AAA-AAB  
**IB** 37-35 (666-665 at HL)  
**IELTS score** 6.5 overall; no lower than 6.0 in any component

*Run by Alliance Manchester Business School (Alliance MBS):*

**Accounting BSc 3yrs**  
 UCAS code N400

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

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

**Accounting and Finance BAEcon 3yrs**  
 UCAS code NN43



**Economics and Finance BAEcon 3yrs**  
 UCAS code LN13

**Finance BAEcon 3yrs**  
 UCAS code N300

### You might also be interested in...

Business Studies and Management, Economic and Social Studies, Economics

Some of these courses offer opportunities for:

-  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

- Ranked 4th in the UK and 22nd in the world for business and economics (THE World University Rankings 2016/17)
- 90% in employment or further study within six months (Unistats 2016)
- Strong links with the three main accounting bodies – ICAEW, CIMA and ACCA
- Work on real-world projects for organisations such as the Co-operative Group, HM Treasury, KPMG, Scottish Government, HMRC and PwC

Accounting and Finance at Manchester has a first-class reputation, with teaching informed by cutting-edge research.

You can choose a professionally orientated course (BSc), or study within a wider social sciences framework (BAEcon).

Prepare for a career as a chartered accountant with our BSc, which is

part of the Institute of Chartered Accountants in England and Wales (ICAEW) Undergraduate Partnership Programme. You can apply for a work placement in your penultimate year and gain significant exemptions from ICAEW ACA/ACCA/CIMA exams, enabling you to fast-track to qualified chartered accountancy status.

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

### What you study

#### Accounting/Accounting with Industrial/Professional Experience BSc

Run by Alliance MBS, this innovative, professionally orientated course provides a fast track to a career in accountancy, integrating study of the theory and practice of accounting with the opportunity to gain relevant work experience and receive exemptions from professional accountancy exams (up to eight ICAEW ACA, six ACCA and nine CIMA exams).

As part of the ICAEW's Undergraduate Partnership Programme, you can undertake a paid internship in Year 3 with firms such as KPMG, Ernst & Young, Mazars, Grant Thornton and Goldman Sachs.

You may also study accounting and/or finance as part of the BAEcon if you wish to study within a wider social sciences

framework. These courses are run jointly by the School of Social Sciences and Alliance MBS.

#### Accounting and Finance/Economics and Finance/Finance BAEcon

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

### Skills and job opportunities





Recent BSc graduates have gone on to work for BDO, Deloitte, Ernst & Young, Grant Thornton, HM Revenue & Customs, KPMG, NHS, National Audit Office and PwC, as assurance associates, audit associates, forensic accountants, risk analysts and tax advisors.

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





## Find out more

### Alliance MBS



-  [www.alliancembs.manchester.ac.uk/undergraduate](http://www.alliancembs.manchester.ac.uk/undergraduate)
-  [www.alliancembs.manchester.ac.uk/virtualopenday](http://www.alliancembs.manchester.ac.uk/virtualopenday)
-  @AMBSUGAdmission
-  /AMBSIncomingUndergraduates

### School of Social Sciences



-  [www.manchester.ac.uk/socialsciences](http://www.manchester.ac.uk/socialsciences)
-  @ManUniEconomics

## Contact details

### Alliance MBS

-  [ug.amsb@manchester.ac.uk](mailto:ug.amsb@manchester.ac.uk)
-  +44 (0)161 306 3425/3095

### School of Social Sciences

-  [socialsciences@manchester.ac.uk](mailto:socialsciences@manchester.ac.uk)
-  +44 (0)161 275 1473/4748

# Aerospace Engineering

## Typical offer

**A-level** AAA for MEng, AAB for BEng (including Mathematics and Physics)  
**IB** 37–35 (6 in Mathematics and Physics at HL)  
**IELTS score** 6.0 overall; 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

**Aerospace Engineering with Industrial Experience MEng 5yrs**  
UCAS code H406

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...

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

## Why Manchester

- All courses developed in consultation with industry, covering key aerospace disciplines relevant to graduate careers and cutting-edge research
- Excellent computational and experimental facilities
- Wide range of enquiry-based learning gives our graduates particular strengths in team working, creativity and adaptability

Aerospace engineers take on a range of technological and managerial challenges, from designing, building and manufacturing complex equipment, to managing large and complex human enterprises. Naturally, they are also involved in creating and designing aircraft and spacecraft, as well as flying and operating airlines. The diverse nature of the industry makes aerospace engineering a hugely dynamic and exciting sector of the global economy.

Aerospace engineering deals with designing and building machines that fly. It is therefore one of the newest branches of engineering, which began in the 19th century with the first experiments in powered flight.

Engineers in the aerospace industry are involved in designing aircraft, such as powered lighter-than-air craft, gliders, fixed wing airplanes and jets, autogyros and helicopters, as well as astronomical engineering, which focuses on the design and development of spacecraft.

## What you study

Our BEng and MEng courses share a common first two years, giving you the freedom to switch between courses up to the end of your second year, depending on academic performance.

We offer courses with an integrated year in industry, giving practical, hands-on experience in the work place. Having work experience is looked upon favourably by employers and could give you that extra 'something' on your CV.

All our courses provide great breadth and depth of study and prepare graduates for a professional career in aerospace design, further research, manufacturing and management of major engineering projects.

## Skills and job opportunities




As the field of engineering is wide and diverse, so are career opportunities for our graduates. From the conception of new ideas, planning and maintenance, to the managing of complex products and

manufacturing systems, engineering is an exciting profession – one in which you can take great pride.



You'll find stimulating career opportunities at the forefront of new technologies. Aerospace is the largest industry in the UK manufacturing sector and serves the global economy. Major projects are massive in scale and involve international partnerships across a range of products, including large commercial airliners, next-generation military aircraft, satellites, launch vehicles and interplanetary probes. There is also an emerging market from smaller UAVs developed by smaller, agile start-up companies.

Top-rated for graduate employment, any one of our degrees will open up a whole range of opportunities to you. Our courses have a practical base, to ensure you leave us with not only the theory behind mechanical and aerospace engineering, but also the skills to put theory into practice. The spectrum of jobs our graduates enter includes consultancy, construction, design, manufacturing, management, and many others.

## Find out more

-  [www.manchester.ac.uk/mace](http://www.manchester.ac.uk/mace)
-  @MACEAdmissions
-  /UoMMACE

## Contact details

-  [uug-mace@manchester.ac.uk](mailto:uug-mace@manchester.ac.uk)
-  +44 (0)161 306 9210

# American Studies

## Typical offer

**A-level** AAB-ABB (subject-specific prerequisites apply; see website)  
**IB** 35–33 (subject-specific prerequisites apply; see website)  
**IELTS score** 7.0 overall; no less than 7 in any component



**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](http://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.

## Why Manchester

- Ranked 5th for American Studies in the UK (*The Times Good University Guide 2016*)
- 100% student satisfaction for American Studies in the 2016 National Student Survey
- Potential on all degrees to spend a semester at one of our North American partner institutions

## You might also be interested in...

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

Home to the UK's first American Studies department, Manchester provides interdisciplinary training across three centuries of American literature, history, modern music, politics and political culture, film, photography, and cultural analysis. Our course units range from the colonial era to the contemporary moment, and include topics such as Hollywood film, hip-hop culture, the changing nature of work and leisure in the US, and the visual culture of the US Empire.

American Studies at Manchester is continually rated among the top departments in the UK. Our course covers a wide variety of disciplines, offering increased flexibility that allows you to pursue specific fields of interest as your

course progresses – something reflected in our high student satisfaction ratings.

## What you study

**Year 1:** Discover interdisciplinary forms of scholarship, including the field of American Studies. You'll also explore American literature and history from European settlement in the early 17th century, through to the Civil War and the late 20th century. One core course unit – Aspects of Contemporary America – will familiarise you with more recent social and political debates.

**Year 2:** Examine African American culture from the 17th century to present. You'll also select from several optional course units and begin to tailor your study to specific areas of interest. All course units take an interdisciplinary approach and explore topics such as American Film Studies, Aspects of American Political Culture, and American Literature and Social Criticism.

During Year 2 you can also apply to study in the US or Canada. If successful, you'll be able to spend a year at the University of California, or a semester at one of our 18 partner institutions, including Rutgers University, the University of Massachusetts, Wellesley College and the University of Toronto.

**Year 3:** Enjoy greater independence in the selection of course units. Topics span subjects as diverse as Beat Writing and Hollywood, The History of California, Harlem and the State of Urban America, Love American Style, and American Slavery. A key component of your final year is the production of a dissertation on a subject of



your choice, written under the supervision of an expert in your chosen field.



### Skills and job opportunities

You'll graduate with a versatile set of skills, including negotiation, cultural awareness, critical evaluation and logical thinking. Most importantly, you'll be competent in handling a variety of materials and texts, and confident in analysing these from several perspectives.



Because we assess our students using a variety of methods, including essays, oral presentations and examinations, you will also possess good communications skills, and the ability to work and think both independently and with others. The interdisciplinary nature of this course will open doors to a breadth of career options.

Your in-depth understanding of American culture, politics, history, literature and society will prove attractive to charities, organisations and multinational businesses operating in the US. In recent years, our graduates have taken up positions in journalism, media production, teaching and academia, business, law, the civil service, and public relations.

### Find out more

 [www.manchester.ac.uk/american-studies](http://www.manchester.ac.uk/american-studies)  
 @Amer\_UoM  
 /UoMSALC

### Contact details

 [ug-eac@manchester.ac.uk](mailto:ug-eac@manchester.ac.uk)  
 +44 (0)161 275 3107

## Arabic and Middle Eastern Studies

### Typical offer

**A-level** ABB (subject-specific prerequisites apply; see website)  
**IB** 33 (subject-specific prerequisites apply; see website)  
**IELTS score** 7.0 overall; no less than 7 in any component

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

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

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

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



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

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

**Politics and Arabic BA 4yrs**  
UCAS code LT26

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

- One of the top 10 Middle Eastern Studies departments in the UK (*The Times Good University Guide 2016* and *The Complete University Guide 2016*)
- Various language research centres, including the Centre for Translation and Intercultural Studies
- Key language study resources, including our state-of-the-art Language Centre, a new interpreting suite and purpose-built recording rooms

### What you study

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

Middle Eastern Studies does not necessarily involve studying Arabic. You may opt to study the language in the first two years of your course. For course units relating to Arabic language studies and related joint courses, see Modern Languages.

### Skills and job opportunities



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

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

### Find out more

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

### Contact details

 [ug.languages@manchester.ac.uk](mailto:ug.languages@manchester.ac.uk)  
 +44 (0)161 275 8129

## Archaeology

### Typical offer

**A-level** AAA-ABB (subject-specific prerequisites apply; see website)  
**IB** 37-33 (subject-specific prerequisites apply; see website)  
**IELTS score** 7.0 overall; no less than 7 in any component

**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 3 yrs**  
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](http://www.manchester.ac.uk/flexiblehonours)

### You might also be interested in...

Classics and Ancient History, History, History of Art and Visual Studies

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.

### Why Manchester

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

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 gaining the long view on climate change, to appreciating cultural diversity and the emergence of different societies.

Archaeology at Manchester covers everything from how the Roman Empire used architecture as a political statement, to the origins of spirituality in Prehistoric Europe. You'll explore artefacts, architecture, ancient texts and beliefs using our own museum, library and lab resources.

Course content evolves in line with our new discoveries and emerging research. You'll learn by combining academic study with hands-on discovery. Fieldwork training is an integral part of our course in all years; we don't assume any prior knowledge – instead, you'll be introduced to excavation techniques by experienced archaeologists at sites within the British Isles and throughout the world. Current excavations include Yorkshire, Jersey, Orkney, Ghana and Tasmania.

Our teaching is outstanding. We scored 100% satisfaction in the 2016 National Student Survey and have won prestigious annual University of Manchester Teaching Awards from 2014 to 2016. Recent external awards include the National 2014 Archaeological Training Forum Best Training Excavation, and National Research Project of the Year in the Current Archaeology Awards 2014.

### What you study

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

**Year 1:** Establish a core grounding through compulsory course units: History of Archaeology, Themes in Archaeology, and Introduction to



Archaeological Practice. Two free-choice units allow you to tailor your course, with subjects ranging from Living and Dying in the Ancient World, to topics in ancient history, history, or art history. Two weeks of fieldwork will supplement your study.

**Year 2:** Pursue specific areas of interest or expertise. Core units include Data Processing and Quantitative Analysis, Theory and Philosophy of Archaeology, and Fieldwork Practice and Interpretation; optional units range from European Prehistory to Changing Worlds in the Near East and East Mediterranean. You'll also undertake directed research of your choice via a long essay, as well as further fieldwork.

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

Joint Honours students will follow an equal portfolio of course units across their two subject areas in all years. Independent research projects in Years 2 and 3 enable you to follow your own interests to develop an area of expertise.



### Skills and job opportunities

Our innovative assessments relate to the skills contemporary employers want to see in graduates; so, alongside exams and essays, you might produce portfolios, create data reports, devise museum displays, create broadcast content, or develop wiki entries. You will learn not only



rigorous intellectual skills of interpretation, but also learn how 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. Others have 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](http://www.manchester.ac.uk/archaeology)  
 @UoMArchaeology

### Contact details

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

A

## Architecture

### Typical offer

**A-level** AAA (subject-specific prerequisites apply; see website)  
**IB** 37 (666 at HL) (subject-specific prerequisites apply; see 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

### 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

### You might also be interested in...

Civil Engineering; Planning and Environmental Management

Manchester is a fantastic 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 regarded 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.

### 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:** Explore the multi-layered nature of the design process, and apply urban theory and specialised sustainability knowledge 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. This 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](http://www.manchester.ac.uk/architecture)  
 [www.msa.ac.uk](http://www.msa.ac.uk)  
 @TheMSArch

### Contact details

 [ug-architecture-admissions@manchester.ac.uk](mailto:ug-architecture-admissions@manchester.ac.uk)  
 +44 (0)161 275 0969

B

## Biological and Biomedical Sciences

### Typical offer

**A-level** AAA-ABB (subject-specific prerequisites apply; see website)  
**IB** 37-32 (666-655 at HL) (subject-specific prerequisites apply; see website)  
**IELTS score** 6.5 overall; 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

#### You might also be interested in...

Chemistry, Environmental Sciences, Optometry, Pharmacy, Psychology

Many of these courses include opportunities for:

-  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.

#### Why Manchester

- Consistently high student satisfaction rate: currently 85% (National Student Survey 2016)
- Excellent facilities, including a recent £3 million refurbishment of our anatomy teaching facilities
- Field courses in Europe, Central America and South America

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

Our courses offer you a wide range of research opportunities, more than 200 research labs providing final-year projects, industrial and professional experience placements at more than 300 partner institutions, and many high-profile researchers – including Professor Dame Nancy Rothwell, one of the UK's leading neuroscientists and

President and Vice-Chancellor of our University.

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

We offer the widest range of life sciences courses of any UK university. You can choose a broad course – such as Life Sciences, Biology, or Biomedical Sciences – to avoid specialisation, or study in-depth in an area that interests you.

You can even swap between most of our courses after your first year.

#### What you study

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

**Year 2:** Start to specialise in your chosen discipline. The choice and variety of topics will vary widely depending on your course. Available topics include: how we co-ordinate movement, the impact of drugs on the brain, the maintenance and regulation of the genome, how cells move and interact with each other, how a fully developed adult animal or plant is formed from the single cell produced at fertilisation, the role of plant science in solving global issues such as food

security in a changing climate, the function of the immune system and the adaptation of organ function in animals in very different environments.

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

**Year 3:** Final-year subjects reflect the current hot topics in the biological and biomedical sciences and our staff's research interests. These lectures are constantly adapted and updated. Current topics include: how stem cells develop into specialist cells, the role of neurotransmitter systems in the generation and therapy of neuropathological disorders such as schizophrenia and Alzheimer's disease, the molecular biology of cancer; and the control of cell adhesion in normal tissues and disease.

Carry out an independent research project – a major element of your final year – which could be lab-based or in a number of other formats, eg planning a new bioscience enterprise, or producing a video to communicate an aspect of science. This is your opportunity to undertake a research project in an area

of interest, while potentially contributing to cutting-edge scientific research.

#### Skills and job opportunities

Graduates go into a range of careers. Around one-third choose to work in scientific research and development, such as scientific officers and post-doctoral scientists with organisations including Cancer Research UK, GSK, Unilever, and the Mount Sinai School of Medicine in the USA. This may require significant postgraduate study, usually a PhD.



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

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

#### Find out more

-  [www.manchester.ac.uk/bmh](http://www.manchester.ac.uk/bmh)
-  @FBMH\_UoM
-  /FBMHManchester
-  @FBMH\_UoM
-  @ManchesterFBMH

#### Contact details

-  [ug.biosciences@manchester.ac.uk](mailto:ug.biosciences@manchester.ac.uk)
-  +44 (0)161 275 5032

## Business and Management

#### Typical offer

**A-level** AAB  
**IB** 35 (665 at HL)  
**IELTS score** 6.5 overall; no less than 6.0 in any component

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

**Business Studies BAEcon 3yrs**  
UCAS code N100

**Business Studies and Economics BAEcon 3yrs**  
UCAS code NL11

**Business Studies and Politics BAEcon 3yrs**  
UCAS code NL12

**Business Studies and Sociology BAEcon 3yrs**  
UCAS code NL13

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

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

*Run by Alliance MBS:*

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

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

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

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

**Information Technology Management for Business (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, Strategy and Entrepreneurship) BSc 3yrs**  
UCAS code N200

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

**Management (Marketing) BSc 3yrs**  
UCAS code N2N5

**Management (Sustainable and Ethical Business) BSc 3yrs**  
UCAS code N234

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

-  study abroad
-  industrial experience

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

#### You might also be interested in...

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

#### Why Manchester

- Ranked 4th in the UK and 22nd in the world for business and economics (THE World University Rankings 2016/17)
- 32% of this year's entry-level positions are expected to be filled by graduates who have already worked for their organisations (High Fliers Report 2016). That's why all degrees at Alliance MBS offer you a work placement or international exchange.



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

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

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

## What you study

### Management BSc

Enjoy a flexible course structure and wide range of options on our general Management degree.

Course units are all run by Alliance MBS and Year 1 is the same for each of them, making transfer between the different courses straightforward. For this reason, you should only apply for one of our Management degrees.

### Management (Accounting and Finance)

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

### Management (Human Resources)

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

### Management (Innovation, Strategy and Entrepreneurship)

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

### Management (International Business Economics)

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

### Management (Marketing)

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

### Management (Sustainable and Ethical Business)

Learn about new ways of thinking about modern business and society – particularly relevant if you wish to work in (corporate) social responsibility, or NGOs and charities.

### International Management BSc

Gain first-hand knowledge of another culture, increasingly valuable in business. You'll spend one academic year abroad

studying at a top global business school or university in Europe, South-East Asia, Australia, or New Zealand (International Management), or the US or Canada (International Management with American Business Studies). We have 50 exchange partners across 18 countries.

All classes are taught in English. You will receive a significant tuition fee discount for your year abroad – international students currently pay half the standard tuition fee.

For a full list of our partner institutions and the latest financial information, visit: [www.alliancembs.manchester.ac.uk/ug/exchange](http://www.alliancembs.manchester.ac.uk/ug/exchange)

### Information Technology Management for Business (ITMB) BSc

Designed in collaboration with more than 60 major employers (including IBM, Deloitte, Fujitsu, Unilever and the BBC) and accredited by e-skills UK, these courses produce graduates who understand both business and IT, and have excellent project and team-working skills. Employer involvement is integral, giving you early exposure to real business problems.

You'll focus equally on four areas: business, technology, personal and interpersonal skills, and project management. Learning is primarily through team-based project work, supported by business mentors.

You'll enjoy a flexible course structure and a wide range of options. Year 1 units are the same for the general ITMB degree and each of the specialisms (Accounting, Strategy and Economics,

and Marketing), making transfer between the different courses straightforward. For this reason, you should only apply for one of them.

### International Business, Finance and Economics BSc

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

### Business Studies BAEcon

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

Our Business Studies BAEcon streams in Economics, Politics and Sociology help you understand how businesses operate within the broader economic, political and social environment. These are modern, multidisciplinary courses focusing on relevant topics in economics, accounting, finance, politics, sociology, social anthropology and criminology, as well as core business studies topics

such as human resource management, marketing and information technology.

This combination of social science disciplines – unique to the BAEcon – provides you with the practical knowledge and skills relevant to a career in business, as well as an understanding of the role and operation of business organisations in relation to the broader economic, political and social environment.





## Skills and job opportunities

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



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

## Find out more

### Alliance MBS



-  [www.alliancembs.manchester.ac.uk/undergraduate](http://www.alliancembs.manchester.ac.uk/undergraduate)
-  [www.alliancembs.manchester.ac.uk/virtualopen day](http://www.alliancembs.manchester.ac.uk/virtualopen day)
-  @AMBSUGAdmission
-  /AMBSIncomingUndergraduates

### School of Social Sciences



-  [www.manchester.ac.uk/socialsciences](http://www.manchester.ac.uk/socialsciences)
-  @ManUniEconomics

## Contact details

### Alliance MBS

-  [ug.ambms@manchester.ac.uk](mailto:ug.ambms@manchester.ac.uk)
-  +44 (0)161 306 3425/3095

### School of Social Sciences

-  [socialsciences@manchester.ac.uk](mailto:socialsciences@manchester.ac.uk)
-  +44 (0)161 275 1473/4748

# Chemical Engineering

## Typical offer

**A-level** A\*AA-AAA (including Mathematics and Physics or Chemistry)  
**IB** 38-37 (766-666 at HL including Mathematics and a science)  
**IELTS score** 6.0 overall; 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 Energy and Environment MEng 4yrs**  
UCAS code H8F4

**Chemical Engineering with Industrial Experience MEng 4yrs**  
UCAS code H803

## 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; Engineering or Science with an Integrated Foundation Year; Materials Science and Engineering; Petroleum Engineering

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 will 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](http://www.manchester.ac.uk/ceas)

 @ChemEngManUni

### Contact details

 [ug-ceas@manchester.ac.uk](mailto:ug-ceas@manchester.ac.uk)

 +44 (0)161 306 5984

## Chemistry

### Typical offer

**A-level** AAA-AAB (including Chemistry plus at least one other science or Mathematics)

**IB** 36–35 (666–665 at HL including Chemistry and at least one other science or Mathematics)

**IELTS score** 6.0 overall; 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...

Biological and Biomedical Sciences, Chemical Engineering, Computer Science, Engineering or Science with an Integrated Foundation Year, Materials Science, Mathematics, Petroleum Engineering

### Why Manchester

- 92% student satisfaction (National Student Survey 2016)
- 83% of our 2015 graduates went on to graduate-level jobs or further study within six months of leaving their course
- Fourth university in the UK in the 2016 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. With a low student-to-staff ratio, you will get a personal experience while benefiting from the facilities of a large school.

### 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.

Manchester 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.

A chemistry degree also provides excellent training for a wide range of other career paths, from business and finance to teaching.

### Find out more

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

 @UoMChemistry

### Contact details

 [ug.chemistry@manchester.ac.uk](mailto:ug.chemistry@manchester.ac.uk)

 +44 (0)161 306 9271

## Chinese Studies

For details on Chinese Studies, see Modern Languages.

We also offer Joint Honours degrees featuring Chinese in combination with another modern language, English Language, Linguistics, Biosciences, and 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 for MEng, AAB for BEng (including Mathematics and Physics)  
**IB** 37–35 (6 in Mathematics and Physics at HL)  
**IELTS score** 6.0 overall; no less than 5.5 in any component

### Civil and Structural Engineering MEng 4yrs

UCAS code H220

### Civil Engineering BEng 3yrs

UCAS code H200

### Civil Engineering MEng 4yrs

UCAS code H201

### Civil Engineering (Enterprise) MEng 4yrs

UCAS code H204

### Civil Engineering with Industrial Experience MEng 5yrs

UCAS code H207



### You might also be interested in...

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

### Why Manchester

- Pioneering innovation since 1824, Manchester was the first English university to offer an engineering degree
- Extensive engineering links with companies such as Balfour Beatty and EDF
- Excellent resources for information, computation and experimental laboratory facilities, including dedicated structures and hydraulic laboratories
- All courses accredited by the Institution of Civil Engineers

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.

Civilisation relies more than ever on inventive and resourceful engineers to design, build and maintain the sophisticated environment and the infrastructure in which we live. Infrastructure encompasses everything that supports modern daily life – things like roads, railways and airports, hospitals, access to drinking water and shelter. Infrastructure is important in maintaining our quality of life, and because it works, we can often take it for granted.

Civil engineers help to build a better world – from building bridges that connect communities, to piping clean water to remote communities. They improve the quality of life in our homes; they are needed after earthquakes, during droughts and at times of war. Making a positive difference by helping the local population rebuild or maintain the vital infrastructure that will keep them alive is what civil engineers do.

Civil engineers can be involved in designing, building and maintaining towers, tunnels, bridges, dams, harbours, sports stadia, hospitals, airports, roads, railway networks and large structures.

### What you study

Our BEng and MEng courses share a common first two years, giving you the freedom to switch between courses up to the end of your second year, depending on academic performance.

We offer courses with an integrated year in industry, which will give you practical, hands-on experience in the workplace. Having work experience is looked upon favourably by employers and could give you that extra 'something' on your CV.

Our courses have a strong practical base, to ensure you leave us with not only the theory behind civil engineering, but also the skills to put theory into practice.

### Skills and job opportunities




As the field of engineering is wide and diverse, so are the career opportunities for our graduates. They are in demand from all sectors of the civil engineering industry, professions, commerce and public services. Encompassing everything from the conception of new ideas, planning and maintenance, to the managing of complex products and constructions, engineering is an exciting profession, and one in which an individual can take pride.

The skills taught on our courses will enable you to analyse and solve complex problems by a rigorous approach and to communicate the results effectively. We aim to instil not just knowledge of engineering science, but also a base of practical skills, an understanding of design, comprehension of the commercial world and competence in



transferable skills (problem solving, team working, creativity, communications and IT), which are essential for any career.

Our courses prepare you for professional careers in the built environment sector (including design, construction, local authority and specialist work), as well as in other areas such as project management and finance. The spectrum of jobs our graduates enter includes consultancy, construction, design, manufacturing, management, and many others. Our degrees also provide an excellent route for individuals wishing to proceed to postgraduate study or research.

### Find out more

-  [www.manchester.ac.uk/mace](http://www.manchester.ac.uk/mace)
-  @MACEAdmissions
-  /UoMMACE

### Contact details

-  [ug-mace@manchester.ac.uk](mailto:ug-mace@manchester.ac.uk)
-  +44 (0)161 306 9210

## Classics and Ancient History

### Typical offer

**A-level** AAB-ABB (subject-specific prerequisites apply, see website)  
**IB** 35–33 (subject-specific prerequisites apply, see website)  
**IELTS score** 7.0 overall; no less than 7 in any component

### Ancient History BA 3yrs\*

UCAS code V110

### Ancient History and Archaeology BA

See Archaeology

### 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](http://www.manchester.ac.uk/flexiblehonours)



### You might also be interested in...

Archaeology, History, History of Art and Visual Studies, Modern Languages

### Why Manchester

- 100% student satisfaction in BA Ancient History (2016 National Student Survey)
- Exclusive resources include the Special Collections of our John Rylands Library (home to papyri, medieval manuscripts and early printed books, including very early copies of the Homeric poems) and the University's campus-based Manchester Museum
- One of the UK's biggest and most prominent centres for the study of classics and ancient history

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.

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

You'll be taught by experts in the core aspects of Greek and Roman history, culture, language and literature, and be able to choose from course units in diverse topics ranging from storytelling in Ancient Rome to slavery in Ancient Greece, from love poetry to exile literature, from Greek politics to tragic drama. You could also study ancient languages, exploring texts and literature in their original form.

### What you study

Our degrees provide a solid grounding in core areas of study, while giving you opportunities to explore new areas of interest or specialisms as your course progresses. In Years 2 and 3 you can take independent study units and conduct research on topics of your choice, supervised by academic staff.

### 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 wording.

Joint Honours students take an equal portfolio of our course units across both subject areas in Year 1, benefiting from the full breadth of expertise and choice in both departments. You can then weight subjects according to your interests in your second and third years.




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

## Skills and job opportunities



You'll develop a range of transferable skills, including: logical and imaginative thinking; effective communication; interpreting, assessing and evaluating information and data; proposing ideas and theories; leading and participating in discussions; working independently and to deadlines; and, crucially, understanding of different cultures and societies.

Recent graduates have gone on to careers within the BBC, Google, UK government departments, museums, law firms, and a wide range of educational institutions. Ninety per cent of our BA Classical Studies graduates go on to a professional or managerial role within six months of graduating.

## Find out more

-  [www.manchester.ac.uk/classics](http://www.manchester.ac.uk/classics)
-  @clah\_mcr
-  /Clah.Manchester

## Contact details

-  [ug-classics@manchester.ac.uk](mailto: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; 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.

**Artificial Intelligence BSc 3yrs**  
UCAS code G700

**Artificial Intelligence MEng 4yrs**  
UCAS code G702

**Computer Science BSc 3yrs**  
UCAS code G400

**Computer Science MEng 4yrs**  
UCAS code G401

**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
- 90% student satisfaction (National Student Survey 2016)
- 96% of our graduates are in graduate-level employment or study within six months of graduating

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

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. All of our courses can be taken with a year in industry, giving you significant advantages in your final year performance and in your employment prospects after you graduate.

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

## Find out more

-  [www.manchester.ac.uk/cs](http://www.manchester.ac.uk/cs)
-  @csmcr
-  /computersciencemcr
-  @uomcompsci
-  @csmcr

## Contact details

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

# Criminology

Criminology is taught within our School of Law. To find out more about our law and criminology courses, see Law.



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; no less than 6.5 in any component

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

**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

Manchester has a long and distinguished reputation in dentistry. Our undergraduate course 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.

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 Science 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 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.

You'll also have 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 you the chance 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 BSc Oral Health Science graduate, you can work in all sectors of dentistry as a dental hygienist or dental therapist.

### Find out more

-  [www.bmh.manchester.ac.uk/dentistry](http://www.bmh.manchester.ac.uk/dentistry)
-  @FBMH\_UoM
-  /FBMHManchester
-  @FBMH\_UoM
-  @ManchesterFBMH

### Contact details

-  [ug-dentistry@manchester.ac.uk](mailto:ug-dentistry@manchester.ac.uk)
-  +44 (0)161 306 0231

D

## Drama

### Typical offer

**A-level** AAB-ABB (subject-specific prerequisites apply; see website)

**IB** 35-33 (subject-specific prerequisites apply; see website)  
**IELTS score** 7.0 overall; no less than 7 in any component

**Drama BA 3yrs\***  
 UCAS code W400

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

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



**Music and Drama BA 3yrs**  
 See Music

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

### You might also be interested in...

American Studies, English Literature and Creative Writing, Music

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.

### Why Manchester

- £6 million investment in our John Thaw Studio, a purpose-built theatre with excellent facilities staffed by professional technicians
- 90% of our Drama students reported satisfaction with their course (*National Student Survey 2016*)
- Spend a semester studying in Australia or the United States at one of our dedicated partner universities

Drama at Manchester has a worldwide reputation for quality, and is ranked in the top ten UK Drama departments by the 2016 Times Good University Guide.

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

As well as course units covering theatre and performance, applied and social theatre and screen studies, you can also combine Drama with English Literature or Music.




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

Comprehensive facilities include our Martin Harris Centre and John Thaw Studio – our main 'lab' for exploring performance, rehearsals and workshops, fully equipped with sound-editing and video-editing suites.



### Skills and job opportunities

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

### Find out more

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

### Contact details

-  [ug-drama@manchester.ac.uk](mailto:ug-drama@manchester.ac.uk)
-  +44 (0)161 275 4987

E

## Economic and Social Studies

### Typical offer

**A-level** AAB (subject-specific prerequisites apply; see website)

**IB** 35  
**IELTS score** 6.5 overall; no less than 6 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

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

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

- Unrivalled choice of more than 260 course units over three years
- Course backed by the largest student society at the University with more than 2,000 members, sponsored by Ernst & Young
- First run in 1903, the BAEcon is Manchester's longest-running degree course

### You might also be interested in...

Accounting and Finance, Business Studies 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 crucial decisions about your study as you progress.

See the relevant sections of this prospectus for more information on the subjects you can specialise in: Accounting and Finance, Business Studies and Management, Economics, Philosophy, Politics and International Relations, and Sociology.

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

### What you study

**Year 1:** 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.

**Year 2:** Begin to specialise. Most students continue to take units from either two or three subject areas to

keep their options open. You can also take a language, or participate in our Manchester Leadership Programme.



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

### Skills and job opportunities



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

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

### Find out more

 [www.manchester.ac.uk/socialsciences](http://www.manchester.ac.uk/socialsciences)  
 @ManUniEconomics

### Contact details

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

## Economics

### Typical offer

**A-level** AAB (subject-specific prerequisites apply; see website)  
**IB** 35 (665 at HL) (subject-specific prerequisites apply; see website)  
**IELTS score** 6.5 overall; no less than 6.0 in any component

**Economics BSc 3yrs**  
UCAS code L102

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

### Why Manchester

- 90% of our graduates work in a professional or managerial role six months after graduation
- Enjoy the benefits of a small, specialist degree in a large University with a world of opportunities
- A distinguished history: a Chair in Political Economy was founded at Manchester in 1854

This course can be studied for an additional year with:

 study abroad

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

### You might also be interested in...

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

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

Today we're at the forefront of UK teaching and research in economics, offering you expertise in a wide range of theoretical and applied fields. Current research from more than 60 research-active academic staff feeds directly into undergraduate courses.

### What you study

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

**Year 1:** 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.

**Year 2:** Reinforce your understanding of micro and macroeconomic principles, mathematical economics and econometrics. You'll work towards your area of specialisation through course units such as investment analysis, managerial economics, and development economics.



**Year 3:** Compulsory units round off your understanding of core micro and macroeconomics, and advance your econometrics and quantitative skills. You may also pursue your area of specialisation via a range of optional units such as money, banking and financial markets, the Chinese economy, and business economics.

### Skills and job opportunities



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

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

### Find out more

 [www.manchester.ac.uk/economics](http://www.manchester.ac.uk/economics)  
 @ManUniEconomics

### Contact details

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

## Education

### Typical offer

**A-level** AAB-ABB  
**IB** 32 (655 at HL)  
**IELTS score** 6.5 overall; 6.5 in writing and no less than 6.0 in any other component

**English Language for Education BA 3yrs**  
UCAS code X3Q1

**Psychology for Education BSc 3yrs\***

\*Subject to approval – see website for up-to-date information

### You might also be interested in...

Linguistics and English Language, Psychology



### Why Manchester

- Excellent work experience placements to enhance your employability
- Close staff-student relationships, small-group teaching and one-to-one guided supervision
- Excellent grounding for a career in teaching

### English Language for Education

Explore language use, the nature of spoken and written communication, educational issues and how language reflects and impacts upon wider society and culture.

### Psychology for Education

Explore the key principles and issues underpinning the psychology of education, and undertake the practical application of knowledge through practical placements.

### Skills and job opportunities




You'll develop skills in written and oral communication, team working, project management, intercultural awareness and proficiency in research and critical evaluation skills – all vital for a variety of careers.

Our English Language for Education graduates often seek a career in school teaching, or in a related vocation such as TESOL (Teaching of English as a Second or Other Language), speech therapy,



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

Our new Psychology for Education degree will suit applicants with aspirations towards research, teacher training (eg specialisms in mental health and wellbeing and/or special educational needs), working as an educational psychologist and/or those with an interest in therapy and counselling.

### Find out more

-  [www.manchester.ac.uk/education](http://www.manchester.ac.uk/education)
-  @ELE\_UoM
-  /ELEUoM

### Contact details

-  [ug-mie-admissions@manchester.ac.uk](mailto:ug-mie-admissions@manchester.ac.uk)
-  +44 (0)161 275 0969

## Electrical, Electronic and Mechatronic Engineering

### Typical offer

**A-level** AAA-AAB (including Mathematics and either Physics, Further Mathematics or Electronics)  
**IB** 34 (666-665 at HL with 6 in Mathematics and Physics)  
**IELTS score** 6.0 overall; 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, Engineering or Science with an Integrated Foundation Year, Mathematics, Mechanical Engineering, Petroleum Engineering, Physics and Astronomy

### Why Manchester

- Strong industry links with companies such as Siemens, Centrica, GE, Jaguar Land Rover, National Instruments, BP and Texas Instruments
- Cutting-edge degrees informed by excellent research; ranked in the top three of all UK institutions in our discipline for research impact
- All courses accredited by the Institution of Engineering and Technology

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

More than 70 academic staff specialise in subjects ranging from very small-scale nanoelectronics to very large-scale power systems. We have proven excellence in both teaching and research, which will influence potential employers when judging the quality of your degree.

### What you study

The first three semesters of all our degree courses are common, allowing you to switch between them at the end of your first year. At the end of each year you can also choose between the MEng or BEng courses. 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 is crucial. As traditional sources of energy run out, 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.

Our MEng includes a course unit covering graphene, a new 'wonder material' that is being pioneered in Manchester.

### Mechatronic Engineering



Mechatronics pairs 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 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); and consultancy (ARUP, Accenture, Detica).

### Find out more

-  [www.manchester.ac.uk/eee](http://www.manchester.ac.uk/eee)
-  @eeemanchester

### Contact details

-  [ug-eee@manchester.ac.uk](mailto:ug-eee@manchester.ac.uk)
-  +44 (0)161 306 4700

## Engineering

We offer several types of engineering degrees. Visit the relevant subject pages in this prospectus to find out which one is for you:

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



## Engineering or Science with an Integrated Foundation Year

### Typical offer

**A-level** ABB-BBC (depending on subjects offered; see website)

**IB** available on request

**IELTS score** no less than 5.5 in each component

### Engineering with an Integrated Foundation Year 4/5yrs

UCAS code H108

### Science with an Integrated Foundation Year 4/5yrs

UCAS code F008

### Why Manchester

- Courses designed to maximise your achievement and fully prepare you for degree study
- Enjoy the full Manchester undergraduate experience, including accommodation and on-campus teaching by University staff

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

You'll find a strong sense of community within the student body and enjoy excellent tutorial support. You'll be taught by University staff with considerable experience of delivering a foundation-year curriculum, in a study environment that's essentially the same as for any engineering or physical sciences undergraduate, enabling a seamless transition into the first year of your chosen degree course on successful completion of the foundation year.

Diverse teaching and learning approaches include lectures, small-group tutorials, seminars and small-group project work. You'll be assessed by a combination of ongoing coursework and time-constrained examinations in January and June.

Our dedicated common room offers you a place to study, prepare coursework, use a PC cluster and socialise.

### What you study

You'll study mathematics, physics and, where appropriate, chemistry. These core subjects are essential for securing success on your future degree course. You will also study academic skills

and information and communication technology, developing transferable skills necessary for undergraduate study and an independent project in the discipline of your choice.

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

### Engineering

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

### Science

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

You can discuss the different courses and your suitability for them with our Foundation Year Team, or the relevant admissions tutor. You will 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, after which you'll have a huge range of career options open to you on graduation. Graduates with degrees in engineering and physical sciences are in high demand among a wide range of employers.

### Find out more



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

### Contact details



[ug-fy-se@manchester.ac.uk](mailto:ug-fy-se@manchester.ac.uk)

## English Literature and Creative Writing

### Typical offer

**A-level** A\*AA-ABB (subject-specific prerequisites apply; see website)

**IB** 37-33 (subject-specific prerequisites apply; see website)

**IELTS score** 7.0 overall; no less than 7 in any component

### Drama and English Literature BA 3yrs

UCAS code WQ4H

### English Literature BA 3yrs\*

UCAS code Q320

### English Literature and a Modern Language (French) BA 4yrs

UCAS code RQ13

### English Literature and a Modern Language (German) BA 4yrs

UCAS code RQ23

### English Literature and a Modern Language (Italian) BA 4yrs

UCAS code RQ33

### English Literature and a Modern Language (Spanish) BA 4yrs

UCAS code RQ43

### English Literature and American Studies BA 3yrs

UCAS code QT37

### English Language and English Literature BA 3yrs

UCAS code QQ10

### English Literature and History BA 3yrs

UCAS code QV31

### English Literature with Creative Writing BA 3yrs

UCAS code Q3W8

**\*Flexible Honours** may allow you to study an additional arts, languages or cultures subject. Find out more: [www.manchester.ac.uk/flexiblehonours](http://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, Modern Languages

### Why Manchester

- Student satisfaction rates of 94% in Drama and English Literature and 92% in English Literature and American Studies (National Student Survey 2016)
- 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, the International Anthony Burgess Foundation and Contact Theatre

At Manchester you'll study the full historical breadth and depth of English literature, from across the UK and beyond. From the Anglo-Saxon period to American literary and cultural studies, from the Renaissance to the contemporary, you'll explore written forms ranging from illuminated manuscripts to graphic novels, from poetry to postmodern fiction.

We'll train you to become an independent researcher, a critical and creative thinker and persuasive writer. You can tailor your course to your individual skills and interests, and specialise in fields such as film, popular song and new media.

You'll have access to the exclusive Special Collections of our John Rylands Library (part of our National Research Library), which include treasures such as

Shakespeare's first folio and the original archives of Elizabeth Gaskell and Ted Hughes. Our Centre for New Writing is a major hub for new writing excellence and home to award-winning teaching staff, including Booker-shortlisted M J Hyland and Jeanette Winterson.

### What you study

You'll gain a solid grounding in a wide variety of literature and cultural theory, and choose from a wealth of optional topics and themes, allowing you to build a tailored portfolio of units specific to your creative interests.

**Year 1:** Core units include Reading Literature, Mapping the Medieval, Theory and Text, and Literature and History. English Literature tutorials will assist you with the transition to university-level study. As well as oral communication, group work and writing skills, you'll develop an understanding of argumentation and the effective use of secondary criticism.

**Year 2:** Select from a wide range of optional units spanning all periods, including: Shakespeare; Writing, Identity and Nation; Gender, Sexuality and the Body; Victorian Manchester; and Creative Writing: Fiction.

**Year 3:** Continue to shape your studies with optional units including: Kipling, Forster and India; Screenwriting; Milton; Eros: Love Poetry in the 19th Century; The Great War; and Gendered Experiments: Women's Writing in the 20th Century. You'll also formulate your own research topic and bring the results together in a long essay.





English Literature with Creative Writing has additional writing workshops each year, 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 gain transferable skills applicable to diverse careers, including critical thinking, independent research, creative problem solving, persuasive written and oral communications, reflection, interpretation, textual analysis and critique.

Alongside careers in writing, publishing, journalism, librarianship, teaching, new media and PR, our graduates find opportunities in professions such as law, accounting and finance, business management and computing. Many also progress to postgraduate study at our Centre for New Writing.

### Find out more

 [www.manchester.ac.uk/english](http://www.manchester.ac.uk/english)  
 @ECW\_UoM

### Contact details

 [ug-eac@manchester.ac.uk](mailto:ug-eac@manchester.ac.uk)  
 +44 (0)161 275 3107

## Environmental Science

### Typical offer



**A-level** AAB-ABB (subject-specific prerequisites apply: see website)  
**IB** 34-33 (665 – 655 at HL – subject-specific prerequisites apply, see website)  
**IELTS score** 6.5 overall with no less than 6.0 in any component

**Environmental Science BSc 3yrs**  
UCAS code F850

### Why Manchester

- Courses accredited by the prestigious Committee of Environmental Sciences
- Excellent links and partnerships with a range of industrial partners
- Stimulating and challenging environment with supportive staff and low staff-student ratios
- Taught by academic staff involved in internationally excellent and world-leading research
- Diverse and exciting fieldwork opportunities

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...

Biological and Biomedical Sciences, Earth Sciences and Geology, Engineering or Science with an Integrated Foundation Year, Geography, Planning and Environmental Management

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

### Find out more

 [www.manchester.ac.uk/sees](http://www.manchester.ac.uk/sees)  
 @UoMSEES  
 /UoMSEES

### Contact details

 [ug-earth-sci@manchester.ac.uk](mailto:ug-earth-sci@manchester.ac.uk)  
 +44 (0)161 275 0776

## French Studies

To find out more about French Studies, see Modern Languages.

We also offer Joint Honours degrees featuring French in combination with another modern language, English Language, English Literature, Politics, Linguistics, Biosciences, Mathematics, History, Latin, and Business and Management.

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

## Geography

### Typical offer

**A-level** AAA-ABB (subject-specific prerequisites apply: see website)  
**IB** 37-33 (666-655 at HL – subject-specific prerequisites apply; see 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 with International Development (MGeog Integrated Master's) 4yrs**  
UCAS code D320

**Geography with Planning (MGeog Integrated Master's) 4yrs**  
UCAS code F801

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

-  study abroad

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

### You might also be interested in...

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

### Why Manchester

- 11th in the world for geography (QS World University Rankings 2016)
- 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 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 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 UK. 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 our University's Careers Service and

develops your skills within a geographical context, while helping you to prepare for job applications.

Many of our 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](http://www.manchester.ac.uk/geography)

 @geographyUOM

 /GeogUoM

### Contact details

 [ug-geography-admissions@manchester.ac.uk](mailto:ug-geography-admissions@manchester.ac.uk)

 +44 (0)161 275 0969

## Geosciences

### Typical offer

**A-level** AAB-ABB (subject-specific prerequisites apply; see website)  
**IB** 34-33 (665 – 655 at HL – subject-specific prerequisites apply, see website)  
**IELTS score** 6.5 overall; no less than 6.0 in any component

**Earth Sciences MEarthSci 4yrs**  
F640

**Environmental and Resource Geology BSc 3yrs**  
F630

**Geochemistry BSc 3yrs**  
F670



**Geography and Geology BSc 3yrs**  
FF68

**Geology BSc 3 yrs**  
F600

**Geology with Planetary Science BSc 3yrs**  
F6F5

**Geology with Planetary Science MEarthSci 4yrs**  
F6FM

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...

Environmental Science, Geography

### Why Manchester

- Unique, specialised pathways in geochemistry and geology with planetary science
- Geology and geochemistry courses accredited by the Geological Society of London
- Taught by academic staff involved in world-leading research across a wide range of disciplines
- Exciting and challenging environment with supportive staff and low staff-student ratios

A degree in geology provides the perfect gateway to a career in geoscience or postgraduate study, as well as general graduate employment. Whether you choose our straight geology course or one of our unique, specialised pathways, you will become a highly competent geoscientist.

Our hands-on approach to teaching – including small-group tutorials and one-to-one academic advice meetings – helps you to follow the right pathway and provides you with the practical skills to put what you've learned in the classroom into practice in the field.

### What you study

All our geology courses share a common first year, giving you the flexibility to change pathway as your interests develop. You can also opt to graduate with a BSc or, subject to maintaining good grades, change to a corresponding MEarthSci integrated master's degree.

**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 to understand the evolution of the Earth. Begin to understand structural and global tectonic processes, and undertake geophysical surveys.

**Year 3:** Demonstrate an advanced understanding of earth science and geology, and pursue your interests by choosing from specialised options

across the range of earth, environmental and planetary sciences. Complete an independent mapping project or research project related to your degree pathway.

**Year 4 (MEarthSci):** Devote half of your time to your own independent research, mentored by one of our academic staff, with the opportunity to work with internationally recognised research groups. Supplement this by choosing from a range of master's-level options.

### Geochemistry

Alongside core geology training, you can specialise in diverse geochemistry topics, from the rock forming processes and the origin of the earth, to organic systems, fluid geochemistry and environmental pollution. Year 2 course units include options in contaminated land and biogeochemical cycles.

### Geology with Planetary Science

Complement a solid geology training with astronomy and other dedicated units that give insight into the origin and evolution of our solar system. Year 2 course units include astrophysics and extraterrestrial materials.

### 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

In addition to subject-specific knowledge and field skills, you'll develop abilities in independent study, teamwork, presentation and problem solving that are highly desirable to employers.

Geologists find employment in oil, mining, engineering, water and environmental fields, working in both public and private sectors. Their ability to integrate information from across conventional disciplines makes them sought-after employees in a range of graduate jobs. Many of our students also go on to postgraduate study.

### Find out more

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

 @UoMSEES

 /manchestersees

### Contact details

 [ug-earth-sci@manchester.ac.uk](mailto:ug-earth-sci@manchester.ac.uk)

 +44 (0)161 275 0776

## German Studies

To find out more about German Studies, see Modern Languages.

We also offer Joint Honours degrees featuring German in combination with another modern language, English Language, English Literature, Politics, Linguistics, Biosciences, Mathematics, History, and Business and 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** A\*AA-ABB (subject-specific prerequisites apply; see website)

**IB** 37-33 (subject-specific prerequisites apply; see website)

**IELTS score** 7.0 overall; no less than 7 in any component

### Ancient History BA 3yrs

See Classics and Ancient History

### Ancient History and History BA

UCAS code VV50

### Archaeology and History BA 3yrs

UCAS code VV30

### English Literature and History BA 3yrs

UCAS code QV31

### History BA 3yrs\*

UCAS code V100

### History and American Studies BA 3yrs

UCAS code VT17

### History and Sociology BA 3yrs

UCAS code VL13

### Art History and History BA 3yrs

UCAS code VV20

### 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](http://www.manchester.ac.uk/flexiblehonours)



### You might also be interested in...

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

### Why Manchester

- Student satisfaction rates of 100% in Modern History with Economics and 95% in Politics and Modern History (National Student Survey 2016)
- Breadth of specialisms and diverse course content – from refugees in modern world history, to gender and sexuality in modern Africa
- Cutting-edge course content and innovative use of e-learning and online resources to support learning

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.

Ranked in the top ten history departments in the UK (QS World University Rankings 2016), we have a global reputation, with more than 30 full-time academic staff delivering a breadth of courses spanning a vast range 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, to gender, social, cultural and colonial.

Manchester itself is a living history book, from Peterloo to the anti-slavery movement, from Roman forts to medieval monuments. 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 our John Rylands Library and the exclusive holdings of Manchester Museum.

We 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.

### What you study

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

**Year 1:** Studying History in Practice will assist you with the intellectual transition to university-level study. Start to explore specific subject areas, choosing from a wide range of optional course units, including Capitalism in Historical Perspective, Histories of the Islamic World and From Middle Kingdom to Economic Superpower: The Making of Modern China.

**Year 2:** Increasingly specialist course units offer extensive choice and flexibility, from The Making of the Modern Mind: European Intellectual History from Rousseau to Freud, to From Jamestown to James Brown: African American History and Culture. You'll also undertake an extended piece of coursework on a topic of your choice, supervised individually by academic staff.

**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.

### 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, 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, reflecting 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 in organisations such as the BBC, KPMG, Deloitte, Marks and Spencer, Aviva, Accenture and Barclays.

### Find out more

-  [www.manchester.ac.uk/history](http://www.manchester.ac.uk/history)
-  @UoMhistdept
-  /UniversityOfManchester
-  [HistoryDepartment.wordpress.com](http://HistoryDepartment.wordpress.com)

### Contact details

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

## History of Art and Visual Studies

### You might also be interested in...

Archaeology, Classics and Ancient History, History

### Why Manchester

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

### Typical offer

**A-level** AAA-ABB (subject-specific prerequisites apply; see website)

**IB** 37-33 (subject-specific prerequisites apply; see website)

**IELTS score** 7.0 overall; no less than 7 in any component

### Art History and History BA 3yrs



UCAS code VV20

### History of Art BA 3yrs

UCAS code V360

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

Breadth of expertise is a hallmark of our degree – from classical ancient Greece, through medieval and Renaissance, to contemporary and non-Western art, architecture, film and photography. You'll explore multiple subjects, objects and texts from different cultures and different historical periods.

You'll be taught by art historians who set trends in their fields, learning via lectures, seminars, tutorials, field trips and workshops. Diverse course units offset art with literature, philosophy, history, society, science, modern media and architectural history. You can also



build direct links with industry: our student society, the Manchester Art Group, organises exhibitions and talks by curators and other major names working in significant roles across the arts.

Manchester is globally renowned for art and culture. Major galleries – including The Lowry, Manchester Art Gallery and the Centre for Chinese Contemporary Art – sit alongside Manchester International Festival and new £25m development HOME, the UK's largest combined arts centre outside London.

The University's own cultural resources include the Whitworth, an award-winning art gallery whose world-famous collections include masterpieces by Durer, Turner, Blake, Van Gogh, Gauguin and Picasso, 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. Both are used extensively in teaching and learning.

We are at the forefront of modern and contemporary art history in the UK and have an equally strong research and teaching cluster in Medieval and Renaissance art and architecture. Cutting-edge course content is directly informed by our world-leading research.

### Skills and job opportunities

Our degrees prepare you well for careers in the art world, but also equip you with intellectual and practical skills applicable to many different spheres of employment. We live in an image-saturated world where being shrewd about how images communicate, and having the skills to

interpret and write about them, can be a route to a satisfying job.

Around one in eleven of all UK jobs now fall within the creative economy – and one in six of all UK graduate jobs are creative economy positions.



Through your study you'll develop key analytical and reflective skills, such as: the ability to manage, communicate and deploy evidence; independence of mind and initiative; team working; empathy and social insight; and intercultural awareness.

Our graduates go on to work in a breadth of sectors, from media, creative and cultural to advertising, marketing and sales, and from hospitality, sport and leisure to heritage, museums and galleries. Recent graduate career destinations include curator at Royal Collections Exhibitions, archivist at Tate Liverpool and art officer at English Heritage. Others undertake PhD study.

### Find out more

-  [www.manchester.ac.uk/arthistoryvisualstudies](http://www.manchester.ac.uk/arthistoryvisualstudies)
-  @AHVS\_UoM
-  /UoMSALC

### Contact details

-  [ug-ahvs@manchester.ac.uk](mailto:ug-ahvs@manchester.ac.uk)
-  +44 (0)161 275 3348

H

## Humanitarian and Conflict Response

### Typical offer

**A-level** AAB

**IB** 35 (655 at HL)

**IELTS score** 7.0 overall; no less than 7 in any component



**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](http://www.manchester.ac.uk/flexiblehonours)

### Why Manchester

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

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.

Our Humanitarian and Conflict Response Institute (HCRI) is a leading global centre for the study of humanitarianism, conflict response, global health, international disaster management and peace-building. We offer an unrivalled learning environment for students interested in pursuing careers in humanitarian aid or research.

Our global networks of academics and practitioners bring specialist knowledge and understanding of their geographical location to our teaching and research. Our multidisciplinary degree enhances collaboration among natural and social sciences, medicine, and the arts, offering an inclusive approach to humanitarian education that mirrors the reality of aid operations.

### What you study

You'll study issues arising from relief and development work, including building resilience and preparing for crises and disasters globally and in the UK. You'll develop practical expertise in risk and vulnerability analysis alongside strategic research methods including data capture, analysis and reporting. You'll learn about humanitarian response systems: their design, international

relief efforts, and associated challenges and opportunities. We'll encourage you to develop an informed attitude towards ethical issues impacting humanitarianism, such as actions taken by government and non-government organisations in reaction to both natural and man-made disasters and conflict.

Optional course units allow you to tailor your study to your specific needs or interests. This includes relevant multidisciplinary course units in history, politics, medicine, geography and development studies. You'll undertake field study – in the UK or abroad – where you will look at concepts such as emergency preparedness and response, and recovery and reconstruction in relation to a specific hazards and vulnerabilities.

**Year 1:** Course units include Introduction to Disaster Studies, International Disaster Management in Scholarship and Practice, Key Concepts of Humanitarianism, and Humanitarian Governance and Society.

**Year 2:** Course units include Emergency Planning and Response, Peace-building and Security Environments, Disasters and Development, and Humanitarianism: Past, Present and Future. You could take a work placement with a humanitarian organisation in the UK.

**Year 3:** As well as a dissertation, this year includes course units such as: Managing Disaster Organisations (including international fieldwork); War, Migration and Health; The Political Economy of Humanitarianism; and Refugee Narratives.

Up to one-third of your degree can include language study, such as French,




Arabic, German, or Russian. This would allow you to meet the demand for foreign language speakers from employers in the humanitarian sector, and open great opportunities for you to use your degree overseas.

### Skills and job opportunities



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.

Our range of pioneering sector partnerships with national and international NGOs offers strong industry links to key career destinations for our graduates. Partners include Save the Children, International Alert, Médecins Sans Frontières, The Overseas Development Institute, ALNAP, Mines Advisory Group, The International Federation of Red Cross and Red Crescent Societies, and Manchester's UK-Med.

### Find out more

-  [www.manchester.ac.uk/hcri](http://www.manchester.ac.uk/hcri)
-  @HCRIInstitute
-  /hcrinstitute

### Contact details

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

## International Relations

International Relations is taught together with Politics at Manchester. To find out more about these courses, see Politics and International Relations.

## Italian Studies

To find out more about Italian Studies, see Modern Languages.

We also offer Joint Honours degrees featuring Italian in combination with another modern language, English Language, English Literature, Politics, Linguistics, Biosciences, History, Latin, and Business and Management.

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



## Japanese Studies

To find out more about Japanese Studies, see Modern Languages.

We also offer Joint Honours degrees featuring Japanese in combination with another modern language, English Language, Linguistics, Biosciences, and 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

#### LLB

**A-level** AAA

**IB** 37–32 (666 – 655 at HL)

#### BA / BASS

**A-level** ABB

**IB** 33 (655 at HL)

#### Criminology BA 3yrs

UCAS code M901

#### Criminology and Quantitative Methods BASS 3yrs

UCAS code C856

#### Criminology with International Study BA 4yrs

UCAS code M904

#### Law LLB 3yrs

UCAS code M100

#### Law with Criminology LLB 3yrs

UCAS code M1M9

#### Law with Criminology and International Study LLB 4yrs

UCAS code M1L7

#### Law with International Study LLB 4yrs

UCAS code M101

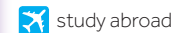
#### Law with Politics LLB 3yrs

UCAS code LM21

#### Law with Politics and International Study LLB 4yrs

UCAS code M1LF

Many of these courses offer opportunities for:



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
- Join active and supportive student-led societies sponsored by local and regional law firms for socials, networking opportunities, travel and sport
- Access specialised training and work placements through our Q-Step summer programme

Our School of Law has provided high-quality legal education for more than 160 years. With courses in criminology, law, health care ethics, bioethics and medical law, our range of specialisms is one of the broadest in the country.

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.

The expertise of our staff is sought after globally and our students come from diverse social and international backgrounds, making for a dynamic and intellectually stimulating environment.

You will have many opportunities to make the most of your degree at Manchester, from joining some of the country's largest and most active societies, to volunteering in the local area. Combine such experiences with specialist career support and you will graduate with the skills and experience to build your future.

### 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. In seminars you discuss and present aspects of the topic that you are learning with 12 students and a member of staff.

#### Law

Study the foundational course units for a Qualifying Law Degree in Years 1 and 2,

and specialise in subjects of your choice in Year 3.

**Year 1:** Study Contract Law, Criminal Law, Public Law, and Equity and Trusts. You'll also have an intensive two-week introduction to legal systems and skills.

**Year 2:** Study Tort Law, European Union Law, Land Law and Jurisprudence – and an optional course unit of your choice.

**Final year:** Choose six optional units from a wide range of specialist topics, such as Commercial Law, Legal History, Advocacy and the Law, Human Rights, Environmental Law, and Company Law. You could submit a dissertation in place of one of these subjects.

#### Criminology

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

**Year 1:** Develop an understanding of the sociological and psychological explanations for crime, criminal behaviour and how society responds to both, studying Crime and Society, Criminological Research Methods, Foundations of Criminal Justice, Psychology, Crime and Criminal Justice, and Criminal Law.

**Year 2:** Extend your understanding of criminological theory, improve your knowledge of different aspects of the criminal justice system, and receive specialist data analysis training. Optional units include Youth Justice, Criminology

and Criminal Justice in Action, Policing and the Police, and Understanding Punishment.

**Final year:** Expand your knowledge and understanding with specialist options alongside your dissertation. You could study the use of drugs in society, counterterrorism, offender punishment and rehabilitation, the role and experience of victims, criminal psychopaths, and white-collar crime.

#### Law with Criminology

Complete all foundational Law course units and graduate with a Qualifying Law Degree, receiving LLB Law with Criminology.

**Year 1:** Take an intensive two-week course in legal systems and skills, and study Crime and Society, Criminological Research Methods, Contract Law, Foundations of Criminal Justice and Criminal Law.

**Year 2:** Take two Law course units – Equity and Trusts, and Public Law – and one Criminology unit – Policing and the Police. Choose one optional unit from both Law and Criminology. At the end of Year 2, you can choose to continue in Year 3 along Track 1 (LLB Law with Criminology), or move to Track 2 (BA Law with Criminology). We will offer you advice on your choice.

**Final year:** On Track 1 you'll study three Law course units: Tort Law, Property Land Law and EU Law. You may then study two Criminology optional units. On Track 2 you'll choose from a variety of optional Law and Criminology units. You may also elect to submit a dissertation.

#### Law with Politics

Complete all foundational Law course units and graduate with a Qualifying Law Degree, receiving LLB Law with Politics.

**Year 1:** Complete an intensive two-week course in legal systems and skills, plus two Law course units – Contract Law and Public Law – and two Politics course units – Introduction to Political Theory and either Introduction to Comparative Politics, or Introduction to International Politics.

**Year 2:** Complete two Law course units in Criminal Law and Equity and Trusts, two Law optional course units and one Politics optional unit. At the end of Year 2 you can choose to continue in Year 3 along Track 1 (LLB Law with Politics), or move to Track 2 (BA Law with Politics). We will offer you advice on your choice.

**Final year:** On Track 1 you'll study three Law course units – Tort Law, European Union Law and Land Law – and take two Politics optional course units. On Track 2 you will choose from a variety of Law and Politics course units.

#### International Study

All our courses are available as a four-year pathway featuring a year abroad at one of our partner universities. International study in your third year is an excellent opportunity for you to see the world, experience new cultures and expand your professional network.

#### Skills and job opportunities

Our unique training, networking and industry experience opportunities can help you to build a highly successful

career. The transferable skills that you'll develop will set you up for a number of career paths – including some you may not have even considered.

If you want to practise as a solicitor or barrister in England and Wales, our LLB degrees enable you to study the foundational subjects required to qualify for exemptions at the next stage in your training. You'll still need to take further vocational training: either the Legal Practice Course and a training contract to become a solicitor, or the Bar Professional Training Course and a pupillage to become a barrister.

For criminology and criminal justice related professions, our extensive criminology careers programme gives you the chance to learn from and network with professionals from areas such as the police, prison and probation services and the third sector.

### Find out more

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

@law\_uom

/UoMSchoolofLaw

[blog.law.manchester.ac.uk](http://blog.law.manchester.ac.uk)

### Contact details

[ug-law@manchester.ac.uk](mailto:ug-law@manchester.ac.uk)

+44 (0)161 306 1271



## Life Sciences with an Integrated Foundation Year

### Why Manchester

- Complete preparation for degree study in the biological or biomedical sciences
- Opportunity for students from a range of educational backgrounds to study science at a world-class university

### Typical offer

We usually consider applicants with ABB at A-level or equivalent, and a good standard of GCSE or equivalent in science and mathematics. If you have taken sciences at A-level but do not achieve ABB or above, you will only be accepted onto this course if there is evidence that you have underperformed due to exceptional circumstances beyond your control. Please contact us to discuss this before you apply.

We do not normally recommend this course if you have been out of study for a significant period, and suggest that an Access to Higher Education Diploma would be more appropriate.

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

**Life Sciences with a Foundation Year 4/5yrs**  
UCAS code C900


### Find out more

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

 @FBMH\_UoM

### Contact details

 [ug.biosciences@manchester.ac.uk](mailto:ug.biosciences@manchester.ac.uk)

 +44 (0)161 275 5032

## Linguistics and English Language

### Typical offer

**A-level** AAB-ABB (subject-specific prerequisites apply; see website)

**IB** 35-33 (subject-specific prerequisites apply; see website)

**IELTS score** 7.0 overall; no less than 7 in any component

### English Language BA 3yrs\*

UCAS code Q1Q3

### English Language and English Literature BA 3yrs

UCAS code QQ10

### English Language and Screen Studies BA 3yrs

UCAS code QW36

### Linguistics BA 3yrs\*

UCAS code Q100

### 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

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

- Exceptional breadth of subject areas and theoretical approaches
- Cutting-edge resources include one of the largest holdings of linguistics texts in the UK; you could conduct original research using English manuscripts from our prestigious Special Collections
- Manchester is the most linguistically diverse city in Western Europe, home to more than 150 languages

### You might also be interested in...

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

Linguistics is the ideal subject for analytical minds. As a Linguistics student, you'll delve into the science of language – a faculty that defines human beings and impacts our lives on a global scale. You'll study how children acquire language and how they develop their skills according to need. You'll learn about the sounds and structures of language, how words relate to thought, as well as how we use them to convey meaning, develop relationships and establish identities. You'll investigate what happens when speakers of different languages come into contact, and discover how language can be used to shape and manipulate ideas and opinions.

English Language is the study of the sounds, words and structures of English. As an English Language student, you'll discover how Old English developed into Modern English, and you'll have the opportunity to conduct first-hand research on linguistic variation in the UK and further afield. You'll also have the chance to use ultrasound imaging and electroencephalography (EEG) in the phonetics lab to conduct experiments and carry out detailed study on English and other languages.

### What you study

**Year 1:** Learn to look at language from a whole new perspective. Gain

an understanding of the structure of English sounds, words and sentences and explore language in the human mind and brain. English Language students will investigate the history and varieties of English. Linguistics students will discover the fascinating variety of languages spoken throughout the world.

**Year 2:** Tailor your degree to suit your interests. Choose from a wide range of optional units on the history and the dialects of English, child language acquisition, linguistic typology, semantics, syntax and sociolinguistics.

**Year 3:** Choose from a wide range of course units. We'll encourage you to carry out research on topics in English language and linguistics, and you'll have the option to write a dissertation on your area of interest and expertise.

Joint Honours students will take an equal portfolio of our course units across both subject areas in Year 1. In your second and third year, you'll have the opportunity to tailor your degree according to your interests.


### Skills and job opportunities

You'll develop excellent analytical and problem solving skills on all our degrees. Often dealing with granular and complex data, your combination of humanities and scientific understanding will allow you to make connections across multiple fields of employment. You'll acquire key transferable skills in data capture and analysis, interpretation, critical thinking and attention to form and detail.

As well as specialist fields such as speech and language therapy, lexicography (dictionary work), translation, forensic linguistics, and teaching English as a first or foreign language, your skills will open up numerous paths with an international dimension – such as business and finance. You will also have excellent written and oral communication skills, which will make you a strong contender for openings in the media, PR, advertising, marketing and communications.

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

### Find out more


 [www.manchester.ac.uk/alc/linguistics-and-english-language](http://www.manchester.ac.uk/alc/linguistics-and-english-language)

 @UoMLEL

 [www.manling.wordpress.com](http://www.manling.wordpress.com)

### Contact details

 [ug.languages@manchester.ac.uk](mailto:ug.languages@manchester.ac.uk)

 +44 (0)161 275 3211

### You might also be interested in...

Life Sciences, Optometry



M

## Management

To find out more about our Management courses, see Business and Management.

M

## Management, Leadership and Leisure

### Typical offer

**A-level** ABB

**IB** 32 (655 at HL)

**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 thriving leisure, cultural and tourism sector boasts 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

### 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](http://www.manchester.ac.uk/education)

### Contact details



ug-mie-admissions@manchester.ac.uk



+44 (0)161 275 0969

M

## 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; 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, Engineering or Science with an Integrated Foundation Year, Petroleum Engineering, Physics and Astronomy, Textiles

### Why Manchester

- Europe's largest and most diverse university activity devoted to materials
- Excellent opportunities to meet potential employers
- All MEng courses 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. 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](http://www.manchester.ac.uk/materials)



@UoMMaterials

### Contact details



ug-materials@manchester.ac.uk



+44 (0)161 306 4360

M

## Mathematics

### Typical offer

**A-level** A\*AA-AAA (including Mathematics)

**IB** 34 (18 at HL including at least 6 in Mathematics)

**IELTS score** 6.0-6.5 with 6.0 in writing and no less than 5.5 in any component

**Actuarial Science and Mathematics BSc 3yrs**

UCAS code NG31

**Mathematics BSc 3yrs**

UCAS code G100

**Mathematics MMath 4yrs**

UCAS code G104

**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

**Mathematics with a Modern Language  
4yrs**  
UCAS code G1R9

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

- £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, Engineering or Science with an Integrated Foundation Year, Physics and Astronomy

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 securing positions 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](http://www.manchester.ac.uk/maths)

 @ManUniMaths

 /ManUniMaths

### Contact details

 [ug-maths@manchester.ac.uk](mailto:ug-maths@manchester.ac.uk)

 +44(0)161 275 5803 / 5804

## Mechanical Engineering

### Typical offer

**A-level** AAA for MEng, AAB for BEng (including Mathematics and Physics)  
**IB** 37-35 (6 in Mathematics and Physics at HL)  
**IELTS score** 6.0 overall; no less than 5.5 in any component

**Mechanical Engineering BEng 3yrs**  
UCAS code H300

**Mechanical Engineering with  
Management BEng 3yrs**  
UCAS code H3N1

**Mechanical Engineering MEng 4yrs**  
UCAS code H303

**Mechanical Engineering with Industrial  
Experience MEng 5yrs**  
UCAS code H301

**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 or Science with an Integrated Foundation Year

### Why Manchester

- Pioneering innovation since 1824, Manchester was the first English university to offer an engineering degree
- Extensive engineering industry links with companies such as Jaguar Land Rover and Siemens
- Excellent resources for information, computation and experimental laboratory facilities, including laser laboratories and wind tunnels
- All courses accredited by the Institution of Mechanical Engineers

Mechanical engineering applies science and technology to solve real world problems by designing and creating systems with moving parts. Mechanical engineers invent 3D printers, create prosthetic limbs, design new technology to improve food production and water supplies, and even create robotic manufacturing plants. And yes, mechanical engineers do also make fast cars!

Almost every industry you can think of throughout the world relies on mechanical engineering; that's why there's such a huge global demand for mechanical engineers, and why they're paid so well. We rely on mechanical engineers to find solutions and answers to some of the biggest challenges we face. How can we sustain and feed a growing population? Where will we get our future energy from? How can we live more sustainably? When and how will we inhabit Mars?

### What you study

Our Mechanical Engineering courses provide great breadth and depth of study, and are delivered in a variety of teaching styles, reflecting the range of skills and expertise that a professional engineer must develop.

In the first two years you will study subjects covering the wide variety of topics necessary in modern engineering. Years 3 and 4 build on this through a mixture of core units and optional specialist subjects. During your third year you will undertake an individual project, supervised by a member of academic staff. Year 4 of the MEng courses includes a substantial group design project.

Our BEng and MEng courses share a common first two years, giving you the freedom to switch between courses up to the end of your second year, depending on academic performance.

We provide courses with an integrated year in industry, offering you practical, hands-on experience in the work place that is often looked upon favourably by employers and could give that extra boost to your CV.

### Skills and job opportunities

Our degrees produce graduates who are highly valued by employers, with a sound understanding of the engineering science, strong analytical skills, practical judgement, creativity and the ability to work with and manage people. You'll be prepared for a professional career in industry, further research, engineering design and management of major engineering projects, with the practical skills necessary to put theory into practice.

Some of the world's most successful companies have a leader with a background in engineering (Microsoft, Amazon and General Motors). Our graduates continue into exciting careers in the automotive industry, in biomechanics, manufacturing, as well as going on to further study or research.

Our engineers are also valued for their transferable skills, giving you very diverse career opportunities. The spectrum of jobs our graduates enter includes consultancy, construction, design, manufacturing, management, and many others.


### Find out more


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

 @MACEAdmissions

 /UoMMACE

### Contact details

 [ug-mace@manchester.ac.uk](mailto:ug-mace@manchester.ac.uk)

 +44 (0)161 306 9210

## Mechatronics

To find out about our Mechatronics courses, see Electrical, Electronic and Mechatronic Engineering.



## Medicine

### Typical offer

**A-level** AAA (including Chemistry or Biology plus a second science from Chemistry/Biology/Physics/Mathematics and one further rigorous academic subject), UKCAT required  
**IB** 37 (667 at HL including Chemistry or Biology plus a second science from Chemistry/Biology/Physics/Mathematics and one further rigorous academic subject), UKCAT required

### Medicine MBChB 5yrs

UCAS code A106

### Medicine (including Foundation Year) MBChB 6yrs

UCAS code A104

### You might also be interested in...

Biological and Biomedical Sciences

### 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
- We provide clinically based students with iPads as a learning aid (first medical school in Europe to do so)

At Manchester we educate, train and prepare students for practice in the healthcare 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 healthcare needs of individuals and society, while displaying the resilience to meet the demands of changing healthcare 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 healthcare 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/bmh/medicine](http://www.manchester.ac.uk/bmh/medicine)
-  @Medicine\_UoM
-  /FBMHManchester
-  @FBMH\_UoM
-  @ManchesterFBMH

### Contact details

-  [ug.medicine@manchester.ac.uk](mailto:ug.medicine@manchester.ac.uk)
-  +44 (0)161 306 0211

## Midwifery

### Typical offer

**A-level** AAB-ABB (typical offer varies according to academic background – see website)  
**IB** 32 (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...

Biological and Biomedical Sciences, Medicine

### Why Manchester

- Combined learning: you'll spend most of your time studying two days a week in the University and three days a week in placement, enabling you to apply theory to practice
- Midwifery electives: choose from a range of specialist options that allow you to broaden your knowledge and skills; these may be in the UK, international (self-funded), within education or research
- An additional qualification: the theory element of the examination of the newborn qualification is included in our course

This is a contemporary and innovative course, underpinned by a woman-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 eight 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:** Develop your confidence and competence, preparing for employment, by enhancing your skills for managing midwifery emergencies and developing 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](http://www.manchester.ac.uk/midwifery)

### Contact details

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

## Modern Languages

### Typical offer

**A-level** ABB (subject-specific prerequisites apply; see website)  
**IB** 33 (subject-specific prerequisites apply; see website)  
**IELTS score** 7.0 overall; no less than 7 in any component

Entry requirements vary according to subject/course. Please see our website for specific entry/subject requirements.

### Arabic Studies BA 4yrs\*

UCAS code T624

### Chinese Studies BA 4yrs\*

UCAS code T100

### East Asian Studies BA 3yrs\*

UCAS code T300

### 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 BA 4yrs**

Various subject combinations available. UCAS codes vary – please see course index on p121 onwards.

**\*Flexible Honours** may allow you to study an additional arts, languages or cultures subject. Find out more: [www.manchester.ac.uk/flexiblehonours](http://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 many Joint Honours degrees which feature a combination of two modern languages, or a modern language combined with Biosciences, Business and Management, English Literature, History, Linguistics and English Language, Latin, Mathematics, or Politics. For a full list of our Modern Languages Joint Honours degrees, see the course index on p121 onwards.

**Why Manchester**

- Close associations with city-based cultural institutions, including the Alliance Française, Goethe Institut, Società Dante Alighieri, Instituto Cervantes, Instituto Camões and the Confucius Institute
- Strong peer-support network, including peer-mentoring programmes and peer-assisted study schemes
- Facilities include our state-of-the-art University Language Centre, a new interpreting suite and purpose-built recording rooms
- Bursaries and maintenance grants support residence abroad activity
- You can 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 over a hundred different subject combinations. We offer nine different European, East Asian and Middle Eastern languages at degree level: Arabic, Chinese, French, German, Italian, Japanese, Portuguese, Russian and Spanish. You can also learn Catalan and Portuguese as part of the Spanish course, and learn Polish as part of the Russian course.

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 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 our Faculty of Humanities and our 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 more than two-thirds of UK businesses value foreign language skills. Through your studies you'll acquire transferable expertise at the very heart of language learning, including enhanced powers of perception and interpretation and advanced decision-making and multi-tasking skills.

You'll benefit from excellent teaching, student support and study facilities, as well as enjoying the vibrancy and cultural diversity of Manchester itself, Western Europe's most linguistically diverse city.

With placement options at partner universities and in professional environments across the globe, a compulsory third year abroad will give you unforgettable and invaluable personal and professional experience.

**Residence abroad**

All of our modern language degrees offer the opportunity to study and/or work for up to a year in a country (or countries) relevant to your chosen language(s). Your residence abroad will strengthen your language skills and employability in many ways, and provide a valuable and inspirational life experience.

Many students spending a full academic year abroad apply through the British Council to work as English Language assistants. You can arrange other forms of paid and unpaid work ranging from placements with blue chip companies to voluntary work. Alternatively, you could undertake a period of study with one of our partner institutions at locations across the globe, from the Sorbonne University in Paris, to the University of Tokyo in Japan.

**Skills and job opportunities**

Employers actively recruit our graduates for their excellent language and communication skills and in-depth intercultural understanding – both crucial in a range of sectors, from international business to relief work and development. In the CBI/Pearson Education and Skills Survey 2016, more than two-thirds of firms identified a need for foreign language skills; this is likely to increase as ambitious firms break into new, fast-growing markets.

You'll graduate with 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, and will 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.

Our degrees open 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 pursue further study.

**Find out more**

 [www.manchester.ac.uk/modern-languages](http://www.manchester.ac.uk/modern-languages)

**Arabic and Middle Eastern Studies**

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

**Chinese Studies**

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

**French Studies**

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

 /UoMFrench

**German Studies**

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

 @UoMGerman

**Italian Studies**

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

 @UoM\_Italian

**Japanese Studies**

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

 /japanesemanchester

**Russian and East European Studies**

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

**Spanish, Portuguese and Latin American Studies**

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

 @splasmanchester

 /splasmanchester

**Contact details**

 [ug.languages@manchester.ac.uk](mailto:ug.languages@manchester.ac.uk)

 +44 (0)161 275 3211

**Music**

**Typical offer**

**A-level** AAA-AAB (subject-specific prerequisites apply; see website)

**IB** 37–33 (subject-specific prerequisites apply; see website)

**IELTS score** 7.0 overall; no less than 7 in any component

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](http://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](http://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...**

Drama

**Why Manchester**

- Ranked in the top three music departments in the UK (Complete University Guide 2016, The Guardian University Guide 2016 and The Times Good University Guide 2016)
- Consistently high student satisfaction ratings: In the 2016 National Student Survey, 90% of MusB students said that they were satisfied with the overall quality of their course
- £8.2 million facilities dedicated to music and drama



Music at Manchester has an outstanding reputation for producing professional musicians and high-achieving graduates. Our degrees offer you the best of both worlds: the highest standards in performance and composition alongside academic studies driven by world-leading research.

Manchester is home to more professional music-making than any UK city outside London, including three professional orchestras – the Hallé, BBC Philharmonic and Manchester Camerata – as well as internationally recognised institutions such as the BBC, Bridgewater Hall, Opera North and The Royal Northern College of Music (RNCM). We have strong links with many professional and community-based music organisations – and, in turn, we play a vital role in the city's lively cultural scene, running more than 100 concerts, performances and seminars every year.

Here you'll find a huge range of musical and work experience opportunities, as well as one of the most active student-run music societies in the country. Your performance and composition will be nurtured by our resident string quartet, the Quatuor Danel, and our contemporary ensemble-in-residence, Psappha, and via performance masterclasses from visiting artists.

Teaching takes place in state-of-the-art facilities in our Martin Harris Centre for Music and Drama, and award-winning electroacoustic composition studios hosting the NOVARS Research Centre.

### Skills and job opportunities



You'll acquire 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 develop vital transferable skills: analysis and interpretation; reasoning and logic; creative problem solving; critique and reflection; team work and leadership; creativity and innovation; self-motivation and time management; innovative approaches to research methodologies; and the presentation of complex ideas.

Recent alumni include leading musicians of the new generation, such as conductor Jamie Phillips and composer Tom Coult. We're equally proud to see recent graduates in roles as diverse as: VoiceLab manager at the Southbank Centre; accountant at PwC; assistant operations manager at the Royal Free Hospital; account manager at Saatchi & Saatchi; and participation and learning manager at the Lowry Theatre.

### Find out more

-  [www.manchester.ac.uk/music](http://www.manchester.ac.uk/music)
-  [www.musicatmanchester.blogspot.co.uk](http://www.musicatmanchester.blogspot.co.uk)
-  @UoMMusic

### Contact details

-  [ug-music@manchester.ac.uk](mailto:ug-music@manchester.ac.uk)
-  +44 (0)161 275 4987

## Neuroscience

Neuroscience is one of our Biological and Biomedical Sciences courses. To find out more, see Biological and Biomedical Sciences.

## Nursing

### Typical offer

**A-level** BBB-BCC (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; 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...

Biological and Biomedical Sciences, Medicine, Midwifery

### Why Manchester

- We're among the top ten universities in the world for nursing study (QS World University Rankings 2016)
- Build up your knowledge by integrating theory with practice
- Clinical placements provide you with the opportunity to work in trusts that offer specialist services
- You could 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. We place 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 healthcare 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](http://www.manchester.ac.uk/nursing)

### Contact details

-  [ug.nursing.bnurs@manchester.ac.uk](mailto:ug.nursing.bnurs@manchester.ac.uk)
-  +44 (0)161 306 7600 (Adult)
-  +44 (0)161 306 7603 (Children's / Mental Health)

## Optometry

### Typical offer

**A-level** AAB (including A in two of Biology, Mathematics, Physics or Chemistry)  
**IB** 35 (including 6 at HL in two of Biology, Chemistry, Physics or Mathematics)  
**IELTS score** 6.5 overall; no less than 6.5 in any component

**Optometry BSc 3yrs**  
UCAS code B510

**Optometry MSci Optom 4yrs**  
You cannot apply for MSci Optom directly. You can only apply to continue onto it at the end of Year 2 of the BSc, if you meet the required academic criteria.

### You might also be interested in...

Medicine, Pharmacy

### 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
- One of the few available courses that enables you to interact with patients from Year 1

Study in a city with 100 years' experience of successfully delivering optometry education; 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 the subject.

### 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. Learn how to undertake general eye examinations and start to meet patients in Semester 2. You will also 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. Improve 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 unique element of our degree courses 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 covering a range of rewarding options, from working in high-street practices or eye hospitals, to undertaking more clinically focused roles in monitoring, managing and treating ocular disease. 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. You could also teach or undertake research in industry or academia.

### Find out more

-  [www.manchester.ac.uk/bmh/optometry](http://www.manchester.ac.uk/bmh/optometry)
-  @FBMH\_UoM
-  /FBMHManchester
-  @FBMH\_UoM
-  @ManchesterFBMH

### Contact details

-  [ug.optometry@manchester.ac.uk](mailto:ug.optometry@manchester.ac.uk)
-  +44 (0)161 275 2411

## Petroleum Engineering

### Typical offer

**A-level** AAA (subject-specific prerequisites apply; see website)  
**IB** 36 (666 at HL including Maths and one other science)  
**IELTS score** 6.5 overall; 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, Engineering or Science with an Integrated Foundation Year, Geography, Geosciences

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:** Examine the processes that create large-scale stratigraphic relationship 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:** Study mandatory course units 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 Geosciences 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](http://www.manchester.ac.uk/sees)
-  @UoMSEES
-  /UoMSEES

### Contact details

-  [ug-earth-sci@manchester.ac.uk](mailto:ug-earth-sci@manchester.ac.uk)
-  +44 (0)161 275 0776

## Pharmacy with a Foundation Year

### Typical offer

Due to the detailed nature of entry requirements for Pharmacy with a Foundation Year, we are unable to include a typical offer in the prospectus. For complete and up-to-date information on our entry requirements, visit our website.

**Pharmacy with a Foundation Year**  
**MPharm 1+4yrs**  
UCAS code B231

### Why Manchester

- Our unique 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...

Biological and Biomedical Sciences, Pharmacy

Our foundation year is a one-year full-time course that forms part of our five-year integrated undergraduate degree leading to an MPharm award. 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 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 your 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, general practice, academia, agricultural and veterinary pharmacy, and the prison and army services.

### Find out more

-  [www.manchester.ac.uk/pharmacy](http://www.manchester.ac.uk/pharmacy)
-  @FBMH\_UoM
-  /FBMHManchester
-  @FBMH\_UoM
-  @ManchesterFBMH

### Contact details

-  [ug.pharmacy@manchester.ac.uk](mailto: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 (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

- Unique opportunity to learn from real-life hospital pharmacists in pharmacy departments and on wards in three local National Health Service (NHS) trusts
- Study at the first institution in the UK to award degrees in pharmacy

### You might also be interested in...

Biological and Biomedical Sciences, Pharmacy with a Foundation Year

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 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) and the GPhC registration exam.

### 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 setting of pharmacy practice. Most course units are compulsory, but you may select units in your final year to suit your career and research 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 also gain extensive clinical experience working with hospital pharmacists, and in accompanying placements in community and industrial settings.

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/bmh/pharmacy](http://www.manchester.ac.uk/bmh/pharmacy)
-  @FBMH\_UoM
-  /FBMHManchester
-  @FBMH\_UoM
-  @ManchesterFBMH

### Contact details

-  [ug.pharmacy@manchester.ac.uk](mailto:ug.pharmacy@manchester.ac.uk)
-  +44 (0)161 275 2334

## Philosophy

### Typical offer

**A-level** A\*A\*A-ABB (subject-specific prerequisites apply; see website)  
**IB** 35-33  
**IELTS score** 6.5 overall; no less than 6 in any component

**Economics and Philosophy BAEcon 3yrs**  
UCAS code LV15

**Philosophy BA 3yrs**  
UCAS code V500

**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

**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

- 97% of students on our BA Philosophy are satisfied with their course (National Student Survey 2016)
- 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 (PPE); 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 and 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 co-operative and supportive environment that promotes a spirit of open enquiry and intellectual rigour for our students.

### What you study

**Year 1:** Ground yourself in philosophical traditions, themes and problems. If you've previously studied philosophy, you'll discover something new; if you haven't, you'll develop a solid foundation. You'll study critical thinking, the history of philosophy, ethics, epistemology, metaphysics and the philosophy of mind and language.

**Year 2:** Develop your understanding of issues introduced in the first year and explore new areas, such as logic, aesthetics, philosophy of religion and phenomenology.

**Year 3:** Undertake specialised and in-depth explorations of issues led by original researchers in the field, as well as a substantial independent piece of research on a topic of your choosing leading to a dissertation. Options include philosophy of music, personhood and freedom of the will, philosophy of action, and philosophy of social science.

Each year you may take one course unit in an outside subject, such as politics or a language.

### Skills and job opportunities

Our philosophy degrees are rich in transferable skills, including the ability to think critically, present your ideas clearly and succinctly, develop creative

solutions to problems and present a reasoned argument.

Some of our most recent graduates now work at The Guardian, the World Bank, the Football Association, Google and PwC, as business analysts, graduate recruiters and in human resources. More than 20% of our graduates pursue postgraduate or further study.

### Find out more

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

 @MancPhilosophy

### Contact details

 [socialsciences@manchester.ac.uk](mailto: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** 35 (776-766 at HL including Physics and Mathematics)

**IELTS score** 6.0 overall; no less than 5.5 in any component

### Mathematics and Physics BSc 3yrs

UCAS code FG31

### Mathematics and Physics MMath&Phys 4yrs

UCAS code FG3C

### Physics BSc 3yrs

UCAS code F300

### Physics MPhys 4yrs

UCAS code F305

### Physics with Astrophysics BSc 3yrs

UCAS code F3F5

### Physics with Astrophysics MPhys 4yrs

UCAS code F3FA

### Physics with Philosophy BSc 3yrs

UCAS code F3V5

### Physics with Philosophy MPhys 4yrs

UCAS code F3VM

### Physics with Study in Europe MPhys 4yrs

F301

### 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 93% over the past ten years
- Ranked the 13th best physics department in the world in the Academic Ranking of World Universities since 2013
- 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; Engineering or Science with an Integrated Foundation Year; Mathematics; Philosophy

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 Konstantin Novoselov, who are continuing their pioneering work on graphene and other two-dimensional materials at Manchester.

Physics is the most fundamental of the sciences. A Manchester degree will give you a thorough understanding of the physical world, as well as a deep insight into physics applications and technology. Manchester was awarded a prestigious Regius Professorship by the Queen in 2013 – the only one in physics – recognising the exceptionally high quality of both our educational and research activities.

Our diverse research interests mean we have experts across 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, astronomy and astrophysics; condensed and soft matter physics (including graphene, superfluids, photovoltaics and

solid-state lighting); non-linear dynamics and chaos; atomic and laser physics; accelerators; biophysics; complexity and theoretical physics.

State-of-the-art teaching facilities 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 a new undergraduate laboratory and other cutting-edge teaching facilities, due to open in 2017.

The School operates the world-famous Jodrell Bank Observatory, now also home to the International Headquarters of the Square Kilometre Array, which will be the world's largest radio telescope and scientific instrument.

### What you study

Our courses reflect 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, as well as discovering new subjects 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, condensed matter physics, lasers and photonics, biophysics, stellar evolution, radio astronomy, superconductors and superfluids, and

more advanced aspects of theoretical physics such as electrodynamics, quantum field theory and general relativity.

Physics is driven by the interplay between theory and experiment. In our teaching laboratories you'll develop experimental skills and data analysis, gradually enjoying the challenge of more extensive experiments and, in the final year of MPhys courses, research projects based within our School's research groups.

### Skills and job opportunities

Our graduates 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.

You could work in science, technology and computing, from PhD research to industrial research and development, programming and engineering. Many Manchester graduates harness their analytical and numerical skills in the commercial, financial, actuarial and business sectors, pursuing careers in management, banking and marketing.

### Find out more

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

### Contact details

 [ug-physics@manchester.ac.uk](mailto:ug-physics@manchester.ac.uk)

 +44 (0)161 275 4210

## Planning and Environmental Management

### Typical offer

**A-level** ABB

**IB** 32 (655 at HL)

**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

### Planning (MPlan Integrated Master's) 4yrs

UCAS code K401

### Planning with Real Estate (MPRE Integrated Master's) 4yrs

UCAS code 1G23

### Urban and Regional Planning BA 3yrs

UCAS code P345

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 an ideal place to study planning, real estate and environmental management; once the world's first industrial city, it is now a vibrant 21st-century metropolis – 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**

Gain basic academic and professional training in planning, and 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](http://www.manchester.ac.uk/planning)

 @PlanningUOM

**Contact details**

 [ug-planningem-admissions@manchester.ac.uk](mailto:ug-planningem-admissions@manchester.ac.uk)

 +44 (0)161 275 0969

P

**Politics and International Relations**

**Typical offer**

**A-level** AAB-ABB (subject-specific prerequisites apply; see website)  
**IB** 35-33  
**IELTS score** 6.5 overall; no less than 6.0 in any component

**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 International Relations BSocSc 3yrs**  
UCAS code L200

**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.

**Why Manchester**

- Manchester is the new home of the British Election Study, one of the longest-running election studies worldwide and the oldest social survey in the UK, offering exciting opportunities for study within electoral politics
- Home to world-leading projects on gender and institutional change, and MANCEPT, one of the UK's largest and strongest groupings in analytical political theory
- Two members of our current staff have received national recognition, winning the Political Studies Association's Sir Bernard Crick Prize for Outstanding Teaching (2005, 2011)
- More than 45 research-active teaching staff offer you unrivalled depth and breadth of expertise

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

Economic and Social Studies, History, Law, Politics, Philosophy and Economics, Social Sciences

Politics and international relations involves the study of power and wealth, political institutions, its processes, those that play a part and the ideas that change the world.

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 Critical Global Politics. 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 comparative politics, political theory and international relations. If you have previously studied politics, you'll discover something new; if not, you'll gain a broad basic foundation.

**Year 2:** Continue to study our three core areas and start to explore your own areas of interest within them. 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, Politics of Insecurity and Ideals of Social Justice.


**Year 3:** Choose from a range of our more specialised options, and undertake a dissertation on a topic of your choosing. Options currently on offer include Ethical Issues in World Politics, Political Morality and Dirty Hands and Terrorism and Political Violence in Europe.


**Skills and job opportunities**

As well as the specialist knowledge you'll gain, our degrees will equip you with a wealth of transferable skills, including the ability to research, examine and analyse information, think critically, present your ideas clearly and succinctly, demonstrate excellent written and oratory skills, and present a reasoned argument.


Our most recent politics graduates are working at the British Red Cross, the World Health Organization, the United Nations, the World Bank and the BBC, as well as becoming parliamentary researchers, consulting analysts, policy officers and research analysts.


**Find out more**

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

 @PoliBlogManc

**Contact details**

 [socialsciences@manchester.ac.uk](mailto:socialsciences@manchester.ac.uk)

 +44 (0)161 275 1473 / 4748

## Politics, Philosophy and Economics

### Typical offer

**A-level** AAB (subject-specific prerequisites apply; see website)  
**IB** 35 (665 at HL)

**IELTS score** 6.5 overall; 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

- 91% student satisfaction on our course (National Student Survey 2016)
- 90% of our students are in a professional role or postgraduate study six months after graduating
- An active student-led society hosts academic and career events sponsored by Deloitte, as well as regular social events

Our Politics, Philosophy and Economics (PPE) degree is a balanced yet flexible course that is directly informed by current research. You'll study topics ranging from global money markets to the ethics of killing, and learn rigour in understanding and argument. You'll also have access to the multidisciplinary expertise of more than 100 members of research-active academic staff

PPE at Manchester enables you to join a vibrant intellectual community spanning three interrelated disciplines within our School of Social Sciences. You'll enhance your capacity to assess competing ideas about political events, ideologies and institutions, while developing the ability to evaluate economic policies, placing the study of economics in its broader institutional and political context. Get to grips with deep philosophical questions of metaphysics, ethics and the mind, and learn to appraise competing answers to them.

### What you study

**Year 1:** Study equally across the three disciplines, allowing you to progress smoothly into your second year with the requisite knowledge to make informed decisions about your course choices. Course units include micro and macroeconomics, political thought and critical thinking, alongside a range of options from each discipline

**Year 2:** Deepen your understanding of the three subjects. Your studies are again split equally, but you have more freedom to choose units that reflect your developing interests.

**Year 3:** You may choose to concentrate on two of the three disciplines, pursuing in depth the interests that you have developed. You'll also undertake an interdisciplinary course unit especially for PPE students, and a dissertation on the topic of your choice.

### Skills and job opportunities

The interdisciplinary nature of PPE will offer you a wealth of transferable skills, such as the ability to think critically, present your ideas clearly and succinctly, analyse qualitative and quantitative data, develop creative solutions to problems, and research, examine and analyse information.

Some of our most recent graduates now work at Goldman Sachs, KPMG, the United Nations, the US Congress, and the Adam Smith Institute, as financial analysts, graduate economics advisors, parliamentary assistants, policy advisors and assistant editors.

### Find out more



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



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



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

### Contact details



[socialsciences@manchester.ac.uk](mailto:socialsciences@manchester.ac.uk)



+44 (0)161 275 1473/4748

## Psychology

### Typical offer

**A-level** AAB (subject-specific prerequisites apply; see website)  
**IB** 35 (665 at HL) (subject-specific prerequisites apply; see website)

**IELTS score** 6.5 overall; no less than 6.5 in each component

**Cognitive Neuroscience and Psychology BSc 3yrs**  
See Biological and Biomedical Sciences

**Psychology BSc 3yrs**  
UCAS code C800

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...

Biological and Biomedical Sciences, Social Anthropology

### Why Manchester

- World-class rankings: 7th in the UK and 43rd in the world in psychology in the 2016 QS University Ranking
- Learn from leading practitioners and scientists who cover cutting-edge psychology research
- Develop transferable, practical skills through placements that will prepare you for the job market
- Join a university with 100 years' experience of successfully delivering Psychology degrees

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:** Study a core curriculum based on our four themes, with individual units covering the central theoretical ideas and empirical findings in psychology. In Year 2 you could replace up to two psychology units with options outside of your degree discipline from a diverse range offered by our University College for Interdisciplinary Learning,

which allows you to explore your interests, address contemporary issues and boost your career prospects. You will also have the option to undertake a short (30-hour) work placement.

**Year 3:** Within the same themes, you may select four units from 12 units on offer, allowing you to 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. If you'd like to broaden your degree, you may swap one advanced psychology unit for up to two non-psychology units (from choices offered by our University College for Interdisciplinary Learning and in Business and Management).

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/bmh/psychology](http://www.manchester.ac.uk/bmh/psychology)



@PsychManchester



/FBMHManchester



@FBMH\_UoM



@ManchesterFBMH

### Contact details



[ug.psychology@manchester.ac.uk](mailto:ug.psychology@manchester.ac.uk)



+44 (0)161 306 0598



## Religions and Theology

### Typical offer

**A-level** ABB  
**IB** 33 (655 at HL)  
**IELTS score** 7.0 overall; no less than 7 in any component

**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](http://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.

### Why Manchester

- Impressive range and variety of course units, including many interdisciplinary options
- Opportunity to undertake research in multicultural, multi-faith Manchester
- Outstanding reputation for research excellence, which directly informs our courses

### You might also be interested in...

Philosophy, Social Anthropology

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 – in the heart of the multi-faith city of Manchester – and the academic expertise of internationally recognised scholars.

With a remarkable breadth of study, we have one of the widest ranges of courses on offer at any British university. You can study ancient Hebrew, Greek or Sanskrit, learn about Hindu, Buddhist, Jewish and Islamic traditions, pursue an interest in the Bible or Christian theology, or discover the different approaches to religion offered by sociology, anthropology and philosophy.

Religion continues to shape our world, with more than 70% of the global population

defining themselves as 'religious'. The study of the beliefs, philosophies, practices, policies, ethics and values which have defined our civilisations for centuries provides insight into one of the most fascinating aspects of the human psyche. You'll explore topics that are crucial to understanding our current multicultural society – from religion, culture and gender to Holocaust theory; from sacred spaces to apocalyptic expectation.

### What you study

#### Religion and Anthropology

Combine the tradition-based study of religion – encompassing course units covering topics such as Judaism, the problem of evil, and the Bible – with the comparative, social scientific approach of anthropology – featuring units examining areas such as social theory, power, and ethnography.

#### Religions and Theology

This highly flexible degree allows you to concentrate on one specific subject area from religions and theology, or tailor your course to your interests by combining course units across multiple subjects. You'll examine the lives and works of key religious thinkers and the various theories and methods currently used to explore the field – including literary, historical, theological, anthropological and gender-theory approaches.

#### Theological Studies in Philosophy and Ethics

Study at the interface between faith, philosophy and ethics. You'll gain a rigorous grounding in the main areas of theological thinking and their significance for philosophical and ethical debates. You

will study key scholars and philosophers, how they've shaped modern thinking; and the ethical challenges faced by contemporary society.

### Skills and job opportunities

Graduates with knowledge and understanding of different cultural and religious beliefs are highly valued by many employers. The investigative, analytical and interpretative skills you'll develop at Manchester will equip you with the confidence and know-how you need to engage fully with a contemporary, multicultural society across a breadth of career destinations.

You'll develop many transferable skills, including: the ability to research, analyse and synthesise different sources of information; team-work and communication skills honed in tutorials and group projects; the ability to exhibit empathy and imaginative insight; the demonstration of methodical and accurate working; and the ability to show initiative and independence of mind.

Our graduates have pursued successful roles in teaching, media, banking, publishing, legal services, civil service, religious organisations, and non-governmental organisations. Many have gone on to further study, and in turn, positions within academia in the UK and further afield.

### Find out more



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



@UoMReligion



/Religion.Manchester

### Contact details



[ug-relth@manchester.ac.uk](mailto:ug-relth@manchester.ac.uk)



+44 (0)161 306 1252

## Russian and East European Studies

To find out about Russian Studies at Manchester, see Modern Languages.

We also offer Joint Honours degrees featuring Russian in combination with another modern language, English Language, Politics, Linguistics, and Business and 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 requirements apply, refer to website)  
**IB** 33 (655 at HL)  
**IELTS score** 6.5 overall; no less than 6.0 in any component

**Social Anthropology BSocSc 3/4yrs**  
 UCAS code L600

This course can be studied for an additional year with:



study abroad

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

### You might also be interested in...

Archaeology, Economic and Social Studies, Philosophy, Psychology, Religions and Theology, Social Sciences

### Why Manchester

- 98% student satisfaction on our BSocSc Social Anthropology (National Student Survey 2016)
- Opportunities for hands-on training in visual anthropology, with access to an unrivalled library of ethnographic film at our Granada Centre for Visual Anthropology
- Opportunity to study abroad for a year at one of our partner universities

Social anthropology is the comparative study of culture, essentially asking what it means to be human. Contemporary anthropology is a critical discipline that tackles an enormous variety of topics. You could consider questions about how people make families, worship gods and organise their economic and political lives. In short, studying social anthropology changes the way you think: a vital skill in today's increasingly interconnected and socially and culturally complex world.

Social Anthropology at Manchester was founded in 1949 by a small group of anthropologists who developed the world-famous Manchester School, a tradition specialising in looking at conflict, law, politics, performance and rituals, cities, and networks.

Today we continue that tradition, and have developed further international

recognition for visual and media anthropology, political and economic anthropology, and the anthropology of new technologies, including the Internet, new reproductive and genetic technologies, and engineering. We also have specialisms in the study of borders, place and space, and the study of kinship, class and caste, conducting research on our own doorstep as well as in other parts of the world.

### What you study

Few students will have studied anthropology previously.

**Year 1:** Build a strong foundation in key concepts, approaches and questions. Course units include Regional Anthropology, Culture and Power, Key Ideas in Social Anthropology, and The Study and Practice of Anthropology at Manchester.

**Year 2:** Look in more depth at the anthropological contribution to particular thematic areas of the study of human life, as well as developing your own research skills and learning more about some of the cutting-edge research of Manchester staff.

**Year abroad (optional):** Study your subject at one of our international partner universities.

**Final year:** Focus on specialist units that build on the research expertise of our staff and conduct an independent piece of research that draws on your theoretical and methodological training from Years 1 and 2.

### Skills and job opportunities



Social Anthropology at Manchester prepares you to meet the demands of new and unexpected situations. Employers are increasingly recognising the value of a degree that combines an understanding of culture and society with practical people skills.

Some of our most recent graduates are now employed by Friends of the Earth, the General Medical Council, social services, the Department for Work and Pensions and RBS, working as account executives, communications officers and disabled student support workers.

### Find out more

-  [www.manchester.ac.uk/social-anthropology](http://www.manchester.ac.uk/social-anthropology)
-  @UoMAnthropology
-  /ManAnthropology

### Contact details

-  [socialsciences@manchester.ac.uk](mailto:socialsciences@manchester.ac.uk)
-  +44 (0)161 275 1473 / 4748

## Social Sciences

### Typical offer

**A-level** ABB (subject-specific prerequisites apply; see website)  
**IB** 33  
**IELTS score** 6.5 overall; 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

### Why Manchester

- Extensive choice from more than 260 course units enables you to create a degree course that suits your individual areas of interest
- One of 15 universities chosen as a Q-Step Centre, which enables you to acquire skills to help understand and analyse data via an integrated set of course units and paid work placement opportunities at organisations including the World Bank and YouGov

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 Relations, Social Anthropology, Sociology

The social sciences have many areas of overlap. Our BA Social Sciences (BASS) degree gives you maximum flexibility and choice, enabling you to sample a broad range of subjects before you decide where 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 about the nature of reality, knowledge, truth and value (Philosophy); human organisation, government and power (Politics); societies and culture across the globe in comparative perspective (Social Anthropology); data analysis methods to understand the social world (Quantitative Methods); and societal issues such as social inequalities and forms of everyday life (Sociology). 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 that you will need as a student – and in later life. You'll also take a course unit in social research methods.

**Year 2:** Choose the subjects you would like to specialise in and explore these in greater depth through research-led teaching.

**Year 3:** Specialise in one area, or combine two subjects. You will complete a research project (dissertation) in one of your areas of study.

### Skills and job opportunities



The course units you choose at Manchester 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.

Some of our recent graduates now work at the Foreign and Commonwealth Office, the Ministry of Justice, Friends of the Earth, Google and Palgrave Macmillan, as research analysts, commercial and marketing officers, and teachers.

### Find out more

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

### Contact details

-  [socialsciences@manchester.ac.uk](mailto:socialsciences@manchester.ac.uk)
-  +44 (0)161 275 1473 / 4748

## Sociology

### Typical offer

**A-level** AAB-BBB (subject-specific prerequisites apply; see website)  
**IB** 35-33  
**IELTS score** 6.5 overall; no less than 6.0 in any component

**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

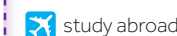
**Sociology BSocSc 3yrs**  
UCAS code L300

**Sociology and Criminology BASS 3yrs**  
UCAS code LM39

**Sociology and Philosophy BASS 3yrs**  
UCAS code LV35

**Sociology and Quantitative Methods BASS 3yrs**  
UCAS code 52L8

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



study abroad

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

### You might also be interested in...

Law, Philosophy, Politics and International Relations, Social Anthropology

### Why Manchester

- 91% student satisfaction on our BSocSc Sociology (National Student Survey 2016)
- More than 45 members of research-active teaching staff in a department ranked second nationally for research power in the 2014 Research Excellence Framework
- Celebrated 50 years of Sociology at Manchester in 2014



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

Studying sociology involves understanding and questioning how society and individual life works.

**Year 1:** Ground yourself in sociological theory and methods of social enquiry. If you have previously studied sociology, you'll discover something new; if not, you'll develop a solid foundation. You could also choose units exploring the study of personal life, media and culture, work and organisations, and technology and communications.

**Year 2:** Develop your theoretical and substantive knowledge of sociology, and continue training in research methods. Optional units will allow you to explore your own areas of interest, including popular music, sustainability and consumption, racism and ethnicity, and globalisation.

**Year 3:** Focus on specialist units that build on the research expertise of our staff. An independent piece of research on a topic of your choosing 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, with the ability to present a reasoned argument; and the ability to plan, organise and carry out a complex research project.

Our most recent graduates are now employed by the British Council, NHS, Ministry of Justice, the British Red Cross and AstraZeneca, working as research analysts, arrest referral officers, commercial and marketing officers, and public relations account executives.

### Find out more

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

 @MCRSociology

### Contact details

 [socialsciences@manchester.ac.uk](mailto:socialsciences@manchester.ac.uk)

 +44 (0)161 275 1473 / 4748

## Spanish, Portuguese and Latin American Studies

To find out about Spanish, Portuguese and Latin American Studies at Manchester, see Modern Languages.

We also offer Joint Honours degrees featuring Spanish or Portuguese in combination with another modern language, English Language, English Literature, Politics, Linguistics, Biosciences, History, Latin, Mathematics, and Business and 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; see website)  
**IB** 35 (665 at HL – subject-specific prerequisites apply; see website)  
**IELTS score** 8.0 overall, no less than 7.5 in any component

**Speech and Language Therapy BSc 3yrs**  
 UCAS code B620

**Speech and Language Therapy MSpchLangTher 4yrs**  
 UCAS code B62M

### Why Manchester

- We partner with around 66 organisations across the north-west, including charities, schools, private companies and large NHS trusts, to provide you with placements
- We host the RCSLT North West Hub, so you can benefit from being actively involved in events and keep up-to-date with the latest developments in speech and language therapy in the north-west

Speech and language therapists identify, assess, treat and support the needs of people who have communication and swallowing 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 are encouraged to apply, as they would be a valuable addition to the profession.

Our students have won university and Royal College of Speech and Language Therapists (RCSLT) awards several years running for volunteer work, peer-assisted study sessions and peer support schemes.

### What you study

You'll study both academic and clinical components throughout your course. This takes place within the NHS and private clinics and also on campus supported by online learning resources.

**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.

**Year 4:** Depending on your performance in Years 1 to 3, you will have the opportunity to extend your studies by a year to undertake an integrated master's. In Year 4 you will study research methods and choose four specialist course units to pursue.

### 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.bmh.manchester.ac.uk/speech-hearing](http://www.bmh.manchester.ac.uk/speech-hearing)

### Contact details

 [ug-slt@manchester.ac.uk](mailto:ug-slt@manchester.ac.uk)

 +44 (0)161 275 3389

## Textiles

### Typical offer

**A-level** AAB (including Mathematics and at least one science for UCAS code JJ49 only)  
**IB** 35 (655 at HL)  
**IELTS score** 6.0 overall; no less than 5.5 in any component

**Fashion Buying and Merchandising BSc 3yrs**  
 UCAS code 6G49



**Fashion Management BSc 3yrs**  
 UCAS code 3M89

**Fashion Marketing BSc 3yrs**  
 UCAS code 3S61

### You might also be interested in...

Business and Management,  
 Materials Science

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

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 a portfolio of textiles-based courses that reflected 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 will give you a unique understanding of the fundamental properties of textile products, and a huge advantage in the job market.

All our courses offer you the opportunity of a year of industrial experience or study abroad.

Fashion

**Year 1:** 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.

**Year 2:** Explore specific aspects of management and marketing in depth, along with subjects such as product development, branding and textile technology. You’ll also study subjects related to your chosen specialism.

**Year 3:** Extend and consolidate your specialist knowledge.

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 marketers, trend forecasters, design managers, buyers and merchandisers. Companies that have recently employed our graduates include Marks and Spencer, Gap, Next, Paul Smith, John Lewis, Benetton, Laura Ashley, Matalan and DAKS Simpson.

Find out more

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

Contact details

 [ug-materials@manchester.ac.uk](mailto:ug-materials@manchester.ac.uk)  
 +44 (0)161 306 4360

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## City



# Fallowfield

- **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.

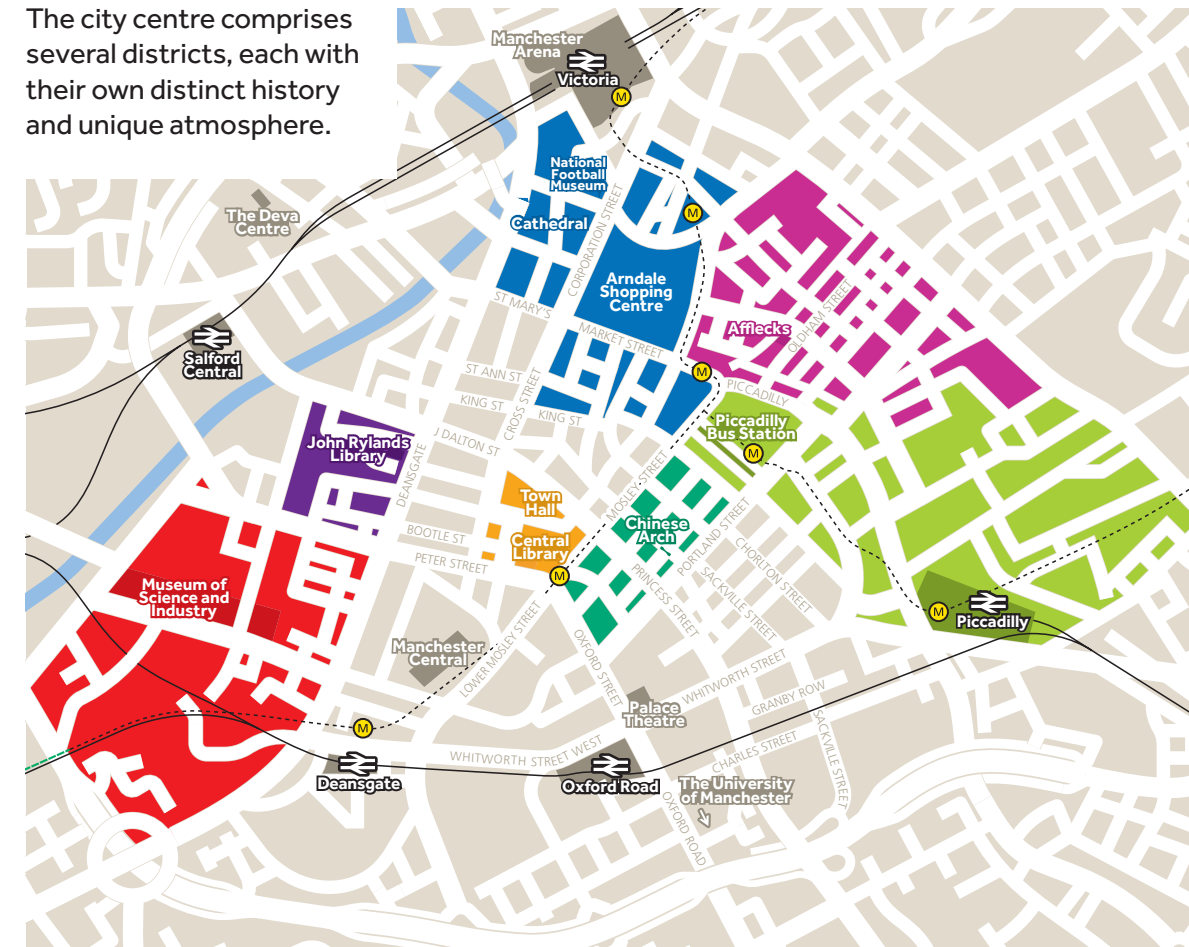
● **Albert Square**

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.



The University of Manchester  
Oxford Road  
Manchester  
M13 9PL  
United Kingdom

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

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